



1.1.3. Consolidated List of Courses having focus on employability/entrepreneurship/skill development offered by the University during the last five years

Sl No.	Academic Year	Number of courses having focus on employability/entrepreneurship/skill development year wise during the last five years
1	2021-22	1136
2	2020-21	1097
3	2019-20	1224
4	2018-19	1178
5	2017-18	1078

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Academic Year 2021-22

Sl.no	Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill Development
1	Differential Equations and Linear Algebra	CUTM1001	2020	Skill Development(Students will know about the modelling of different engineering
2	Laplace & Fourier Transforms	CUTM1002	2020	Skill Development
3	Complex Analysis & Numerical Methods	CUTM1003	2020	Skill Development
4	Discrete Mathematics	CUTM1004	2020	Skill Development(Students will know about graphs, sets and logic)
5	Probability & Statistics	CUTM1005	2020	Employability and Skill Development
6	Calculus	CUTM1925	2020	Employability
7	Mechanics for Engineers	CUTM1006	2020	Employability
8	Optics and Optical Fibres	CUTM1007	2020	Employability and Skill development (LASER and Optical fiber)
9	Applied Analytical Chemistry	CUTM1008	2020	Employability-Water softening processes,Soil Analysis,fuels,petroluem,Corrosion,Electroch emical Phenomenon,error analysis Skill- All Practices.
10	Applied Engineering Materials	CUTM1009	2020	Employability- Nanostructures and nanomaterials,Carbon nanomaterials,Polymers,Composites:,Adhesi lubricants, Energy Storage material
11	Environmental Studies	CUTM1010	2020	Employability-Environment and its multidisciplinary nature,Biodiversity and its
12	Optimisation Techniques	CUTM1011	2020	Skill Development (Students shall be able to apply the theory of optimization methods
13	Engineering Economics and	CUTM1012	2020	Skill Development (Students shall be able to apply the microeconomics concepts related
14	Project Management	CUTM1013	2020	Skill Development (Students shall be able to develop a Project Charter document for any project). Employability and Entrepreneurship (Students shall be able to implement the
15	Gender, Human Rights and Ethics	CUTM1014	2020	Skill Development (Students shall be sensitive to gender, human rights and ethics within an organizational context). Employability and Entrepreneurship

16	Climate Change, Sustainability and Organisation	CUTM1015	2020	Skill Development (Students will be exposed to current climate change issues, challenges and debates). Employability and Entrepreneurship (Students shall be
17	Job Readiness	CUTM1016	2020	Skill Development (Develop additional skills (verbal, logical, quantitative and reasoning) required to enhance employability as well as the entrepreneurial ability of the students). Employability (Students will develop skill in
18	Industrial IOT and Automation	CUTM1017	2020	Skill Development and Employability (the new evolution in hardware, software, and data. While the promise of the Industrial Internet of Things (IIoT) brings many new business prospects, it also presents
19	Data Analysis and Visualisation using	CUTM1018	2020	Skill And Employability(Students learn to create data visualizations of various data
20	Machine Learning using Python	CUTM1019	2020	Skill And Employability(Implement ML algorithms that generates insight to high
21	Robotic automation with ROS and C++	CUTM1020	2020	Employability (upgrading knowledge levels of robotic application in modern industries
22	Design Thinking	CUTM1021	2020	Skill And Employability (student will be able to apply the design thinking process to
23	System Integration with DYMOLA	CUTM1022	2020	Employability (designing of high-fidelity modeling of complex integrated systems,
24	Smart Engineering Project (G2M)	CUTM1023	2020	Employability (learn different tools and collaborate together to build a smart live
25	Geotechnical Engineering	CUTM1073	2020	Employability(To obtain knowledge about soil properties and methods of soil
26	Construction Material Testing	CUTM1069	2020	Skill Development(Gain knowledge about how determine the standard quality of
27	Structural Detailing and Drawing	CUTM1061	2020	Employability(Perform free hand sketching of basic geometrical constructions and multiple views of objects. Concept of projection, Types of section, PEB structure & Steel structure work. able to know the process of making
28	Quantity Estimation & Costing	CUTM1063	2020	Skill development(Students will be able to Estimating, brick calculations & cost for
29	Geometric Modeling	CUTM1060	2020	Skill development(Students will be able to Demonstrate use of CAD in Civil Construction, basic knowledge of operating software & commands, and benefit of civil
30	Hydrology and Irrigation	CUTM1071	2020	Skill development(Project oriented skills shall be gained by students to work
31	Surveying Techniques	CUTM1067	2020	Skill development(Doing centering, leveling & measuring coordinate points of area and

32	Geospatial Survey	CUTM1068	2020	Skill development(Gain knowledge about the structure of spatial data including file
33	Concrete Technology	CUTM1066	2020	Skill development(Demonstrate test and analysis of cement, aggregate, sand, effect
34	Electrical, Plumbing, and Woodwork	CUTM1065	2020	Skill development(Identify timber and perform sawing and planning using hand and
35	Design of Structure	CUTM1074	2020	Skill development(To gain the knowledge of RCC design calculation with relevant Indian
36	Road Engineering	CUTM1070	2020	Skill development(Students will gain knowledge on planning, material selection
37	Construction Materials	CUTM1064	2020	Skill development(Knowledge: Able to learn basic theory about main building- and
38	Water Supply and Sanitary Engineering	CUTM1072	2020	Skill development(To understand the principles of treatment units and their design units of drinking water, solid
39	Computer-Aided Engineering	CUTM1081	2020	Skill development(Students will be able to create complete finite element models
40	Hydraulic Machinery	CUTM1090	2020	Skill development(After completion of the course, the students will have a strong
41	Fluid Mechanics with FVM	CUTM1089	2020	Skill development(After completion of the course, the students will able to evaluate
42	Theories of Failure analysis using FEA	CUTM1062	2020	Skill development(Students will have knowledge and practical engineering skills in
43	Database Management Systems	CUTM1059	2020	Skill development(Design ER-models to represent simple database application
44	Programming in Java	CUTM1058	2020	Skill development(Able to use object oriented concept to solve problems
45	Remote Sensing & Digital Image	CUAS2020	2020	Skill development(Identify specific data and methodologies for effective mapping and
46	Geospatial Technology and its	CUAS2021	2020	Skill development(Identify specific data and methodologies for effective mapping and
47	Photogrammetry and its Application	CUAS2022	2020	Skill development(Identify specific data and methodologies for effective mapping and
48	Lidar Remote sensing and its Applications	CUAS2023	2020	Skill development(Identify specific data and methodologies for effective mapping and
49	Hyper-spectral Remote Sensing and	CUAS2024	2020	Skill development(Identify specific data and methodologies for effective mapping and
50	Project	CUAS2025	2020	Skill development(Identify specific data and methodologies for effective mapping and
51	Study of Drawings and Plan	CUCP2110	2020	Skill development(Students will be able to work with the latest trend of the
52	Project Scheduling & Management	CUCP2111	2020	Skill development(Students will be able to work with the latest trend of the
53	Site Study And Study on Contract Laws	CUCP2112	2020	Skill development(Students will be able to work with the latest trend of the

54	Concepts Of Quality Control and Checking	CUCP2113	2020	Skill development(Students will be able to work with the latest trend of the
55	Quantity Estimation and Equipment	CUCP2114	2020	Skill development(Students will be able to work with the latest trend of the
56	Site Supervision Project	CUCP2115	2020	Skill development(Students will be able to work with the latest trend of the
57	Critical Thinking and Presenting it with	CUSD2120	2020	Skill development(Strong understanding of architectural design and scope for innovative
58	Scope to Enrich by Exposing them to BIM	CUSD2121	2020	Skill development(Strong understanding of architectural design and scope for innovative
59	Design and Failure Analysis of Structure	CUSD2122	2020	Skill development(Strong understanding of architectural design and scope for innovative
60	Amalgamation of Architecture and Civil	CUSD2123	2020	Skill development(Strong understanding of architectural design and scope for innovative
61	Project	CUSD2124	2020	Skill(Demonstrate test and analysis of cement, aggregate, sand, effect of water
62	IT Infrastructure Management	CUTM1024	2020	Skill And Employability(Students developed skills to build and manage IT infrastrucur in
63	Cloud Practitioners	CUTM1025	2020	Skill And Employability(Analyze and Understand the functioning of different
64	Wireless Networks	CUTM1026	2020	Skill(Students developed Skills needed to install, configure, and troubleshoot WLAN
65	Information Security	CUTM1027	2020	Skill And Employability(Students have done activities like network analysis, intrusion
66	Programming in C	CUTM1602	2021	Skill And Employability(Case study to be given to students on uses of C program for
67	Data Structures	CUTM1603	2021	Skill And Employability(Understand asymptotic analysis and different methods.
68	Advanced Web Programming	CUTM1030	2020	Skill And Employability(Develop a static, interactive and well-formed webpage using
69	Java Technologies	CUTM1031	2020	Skill And Employability(Understands the concepts of Threads, exception handling, file
70	Operating System Concepts	CUTM1032	2020	Skill(Demonstrate understanding of operating system design and its impact on
71	Database Creation and Maintenance	CUTM1033	2020	Skill And Employability(Hands on training on Client/Server Architecture- System Structure
72	Database Cluster Administration and	CUTM1034	2020	Skill(Students will develop skill of developing new techniques in cluster deployment in real
73	Data Warehousing and Data Mining	CUTM1035	2020	Skill (Student will able to design data warehouse with dimensional modeling and
74	Android App Development	CUTM1036	2020	Skill And Employability(Understand Android UI design, activity and fragments, intents,
75	Mathematical Problem Solving	CUTM1037	2020	Skill(Understand asymptotic analysis and different methods. Understand linear data
76	Formal Language and Automata Theory	CUTM1038	2020	Skill (Be able to design FAs, NFAs, Grammars, languages modelling, small compilers)

77	AWS Solution Architect (SAA-CO2)	CUCT2030	2020	Skill And Employability(Developed scalable and secure Cloud applications and acquired
78	AWS Developer (DVA-CO1)	CUCT2031	2020	Skill And Employability(Able to develop scalable and secure Cloud applications and
79	Project	CUCT2032	2020	Skill And Employability(Able to develop scalable and secure Cloud applications)
80	Web Services Using Java	CUST2010	2020	Skill And Employability(Developed knowledge-based force to serve the IT
81	Advanced Java Programming	CUST2011	2020	Skill And Employability(Understands the advance concepts of Threads, exception
82	Web Programming Using React	CUST2012	2020	Skill And Employability(Develop knowledge-based force to serve the IT industry with the
83	Product Development	CUST2013	2020	Skill And Employability(Develop knowledge-based force to serve the IT industry with the
84	ML for Predictive Analysis	CUML2002	2020	Skill And Employability(Implement ML algorithms that generates insight to high
85	ML for Image Analytics	CUML2003	2020	Skill And Employability(Implemented different Real life Projects in the field of
86	ML for Hyperspectral imaging	CUML2004	2020	Skill And Employability(Implemented different Real life Projects in the field of
87	Internship	CUML2005	2020	Skill And Employability(Implemented different Real life Projects in the field of
88	Project	CUML2006	2020	Skill And Employability(Implemented different Real life Projects in the field of
89	Linux Administration	CUCS2040	2020	Skill And Employability(Develop skills to manage a Linux server and provide basic
90	Advanced Hacking Techniques	CUCS2041	2020	Skill And Employability(Learned different white hat hacking tools to defend different
91	System and Network Security	CUCS2042	2020	Skill And Employability(Learned different network security tools to defend different
92	IT Data Security	CUCS2043	2020	Skill And Employability(Students able to detect different data leakage and able to
93	Project	CUCS2044	2020	Skill And Employability(Analyzed a self developed website for various types of
94	Introduction to Gaming & Simulation	CUAR2060	2020	Skill And Employability(End to End Game Development Pipeline)
95	Game Assets & Game Objects	CUAR2061	2020	Skill And Employability(Able to built different models, assets and objects like temple, park,
96	Building Game Environment	CUAR2062	2020	Skill And Employability(Able to built game environment)
97	Game Animation, Scripting & UI	CUAR2063	2020	Skill And Employability(Able to design different cartoon animations and UI)
98	Binary Deployment and Cross-Platform	CUAR2064	2020	Skill And Employability(Design several 3D games which supports cross platforms)
99	Project	CUAR2065	2020	Skill And Employability(End to End Game Development Pipeline such as 3D games,

100	Embedded System Programming with	CUTM1039	2020	Skill Development, Employability (Embedded System sectors to learn
101	VLSI Design (NSQF level 5)	CUTM1040	2020	Skill Development, Employability (Design combinational and sequential circuit
102	Electronic Devices and Systems	CUTM1046	2020	Employability (A broad introduction to electronic systems
103	Electromagnetic Interference and	CUTM1041	2020	Skill Development This subject is a base subject for wireless
104	Electromagnetic Field Theory &	CUTM1042	2020	Skill Development Introduce theory and concepts of
105	Network Analysis	CUTM1043	2020	Employability (techniques of solving circuits involving
106	Analog Communication	CUTM1045	2020	Employability (Familiar with analog radio transmitters and
107	Digital Communication	CUTM1044	2020	Employability (Illustrate the classification of channels,
108	Principles of wireless communication	CUTM1047	2020	Skill Development and Employability Knowledge about the characteristic of
109	Digital Signal & Image Processing	CUTM1048	2020	Employability (knowledge of time domain,frequency
110	Antenna Design and Analysis	CUTM104	2020	Employability (understanding the theory and fundamentals
111	Wireless communication for	CUTM1050	2020	Employability (understanding of the physical aspects of
112	Optical Fiber Communication	CUCS2084	2021	Employability The basic elements of optical fiber
113	Satellite & TV Communication	CUCS2081	2020	Employability (Acquire knowledge on importance of
114	Project	CUCS2085	2020	Employability (Skill development course)
115	Energy Production & Transmission	CUTM1051	2020	Skill development(Students will develop the skill of how energy is being produced and
116	Substation Switch gear & Protection	CUTM1052	2020	Skill development(Students will develop the Skill of different substation, switchgear and
117	System Modeling and Control	CUTM1053	2020	Skill development(Students will develop the skill of modelling the various systems and its
118	Electrical Machines Operation and Control	CUTM1054	2020	Skill development(Students will develop the skill of operating different electrical
119	Industrial Power Electronics	CUTM1055	2020	Skill development(Students will develop the skill of using different power electronics
120	Digital Measurement and Instrumentation	CUTM1056	2020	Skill development(Students will develop the skill of measuring the instruments digitally)
121	Basic Electrical Engineering	CUTM1057	2020	Skill development(Students will develop the skill on various fundamental concepts of
122	Introduction to Industrial Automation	CUIA2100	2020	Skill development(Students will develop skill of designing Automatic Control System using

123	Advanced Programming &	CUIA2101	2020	Skill development (Students will gain Functional skill set with hands-on; on System
124	Control & Signal Wiring of PLC	CUIA2102	2020	Skill development (Students will gain Functional skill set with hands-on; on Advnce
125	SCADA based advanced features	CUIA2103	2020	Skill development (Students will gain Functional skill set with hands-on; on
126	SCADA & PLC based sequential control	CUIA2104	2020	Skill development (Students will gain Functional skill set with hands-on; on
127	Human Machine Interface	CUIA2105	2020	Skill development (Students will gain Functional skill set with hands-on; on PLC
128	OPC server base data fetching & control	CUIA2106	2020	Skill development (Students will gain knowledge about OPC server and network in
129	Project	CUIA2107	2020	Skill Development (Students will develop different automation related project)
130	Internship	CUIA2108	2020	Skill Development (Students will undergo training for the industrial automation)
131	Introduction, Power Scenario, Power	CUEG2090	2020	Skill Development (Students will get functional knowledge on different fault
132	Switchyard & substation Networks	CUEG2091	2020	Skill Development (Students will design the electrical grid network system with busbar
133	Protection scheme & Switchgear	CUEG2092	2020	Skill Development (Students will develop different protection scheme with hardware
134	Cable system & Testing	CUEG2093	2020	Skill Development (Students will learn the three phase power cabel layout system wit
135	Power Markets	CUEG2094	2020	Employability (Student will learn power market operation & energy audit process
136	Grid Safety	CUEG2095	2020	Skill Development (Students will develop skill set with hands on training & practice on
137	Transformer Manufacturing	CUEG2096	2020	Skill Development (Students will Manufacture three phase Distribution
138	Project	CUEG2097	2020	Skill Development (Students will develop different electrical system & transformer
139	Materials for Renewable Energy	CURE2190	2020	Skill Development (Students will learn and develop the different materials for
140	Renewable Energy Technology for	CURE2191	2020	Skill development (Students will gain Functional skill set with hands-on; on
141	Micro-grid Design & Implementation	CURE2192	2020	Skill Development (Students will learn and develop the different Micro-grid Design and
142	Hybrid Renewable Energy Systems	CURE2193	2020	Skill Development (Students will learn and develop the hybrid generations that
143	Solar Off-grid Entrepreneur	CURE2194	2020	Skill Development (Students will learn and develop the Entrepreneurship skill for the
144	Project	CURE2195	2020	Skill Development (Students will develop different renewable energy sources & solar
145	Internship	CURE2196	2020	Skill Development (Students will undergo training for the renewable energy)

146	Computer Aided Drafting	CUTM1075	2020	Skill development (Students will be able to use CATIA for creation of 3D models,
147	Product Design and Development	CUTM1076	2020	Employability and Skill development (Student will understand and explain the
148	Reverse Engineering and Rapid Prototype	CUTM1077	2020	Employability and Skill development (Student will understand principles of
149	Product Life Cycle Management	CUTM1078	2020	Employability and Skill development(Studentswill use ENOVIA
150	Manufacturing Process	CUTM1604	2021	Employability and Skill development (Student will understand the Importance of
151	Material in product design and	CUTM1080	2020	Employability and Skill development (Student will understand the various
152	Quality Assurance	CUTM1082	2020	Employability and Skill development (Students will carry out statistical analysis of
153	Applied Ergonomics	CUTM1083	2020	Employability and Skill development (Students will able to use the Human
154	Computer Aided Manufacturing	CUTM1084	2020	Skill development (Students will able to create 2-D Geometry and 3-D models using
155	CNC Programming & CNC Machining	CUTM1085	2020	Employability and Skill development (Demonstrate and explain various CNC
156	Design of Tools, Jigs and Fixtures	CUTM1086	2020	Skill development (To learn basic concepts, functions and design principles of Jigs,
157	Advance Metrology	CUTM1087	2020	Skill development (Student will have knowledge of basic measurement systems in
158	Thermodynamics	CUTM1088	2020	Skill development (To know the laws of thermodynamics and conditions for energy
159	Theory of Machines	CUTM1091	2020	Skill development (To develop skills for designing and analyzing linkages, cams, gears
160	Heat Transfer with FDM/FVM	CUTM1092	2020	Skill development (Students will be able to analyze and design various Equipment used
161	Optimisation Techniques	CUTM1079	2020	Skill development (students will able to apply the theory of optimization methods
162	Introduction to Automobile	CUAE2170	2020	Employability and Skill development(This gives jobs oppertunity in automobile
163	Subsystems of Automobile	CUAE2171	2020	Employability and Skill development(This gives jobs oppertunity in automobile
164	Electric Vehicles	CUAE2172	2020	Employability and Skill development (This gives jobs oppertunity in automobile
165	Maintenance of Automobile	CUAE2173	2020	Employability and Skill development(This gives jobs oppertunity in automobile
166	Project	CUAE2174	2020	Employability and Skill development(This gives jobs oppertunity in automobile
167	Internship	CUAE2175	2020	Employability and Skill development(This gives jobs oppertunity in automobile
168	Introduction to composites	CUCD2130	2020	Employability and Skill development (students will be able to learn how to design

169	Composite materials and characterization	CUCD2131	2020	Employability and Skill development (students will be able to learn how to design
170	CATIA-Composites Design	CUCD2132	2020	Employability and Skill development (students will be able to learn how to design
171	Composite Product Validation; Simulia	CUCD2133	2020	Employability and Skill development (students will be able to learn how to design
172	Machineries and Technologies used for	CUCD2134	2020	Employability and Skill development (students will be able to learn how to design
173	Quality control and Fabrication of	CUCD2135	2020	Employability and Skill development (students will be able to learn how to design
174	Project	CUCD2136	2020	Employability and Skill development (students will be able to learn how to design
175	Manufacturing Requirements and	CUCM2150	2020	Employability and Skill development (Developing the visibility of skills and
176	Conventional Machining for	CUCM2151	2020	Employability and Skill development(Makes student Industry ready through hands-on
177	CNC Machining	CUCM2152	2020	Employability and Skill development(Makes student Industry ready through hands-on
178	Non-Traditional Machining and 3D	CUCM2153	2020	Employability and Skill development(Makes student Industry ready through hands-on
179	Wood Engineering	CUCM2154	2020	Employability and Skill development(Makes student Industry ready through hands-on
180	Internship	CUCM2155	2020	Employability and Skill development(Students go to different
181	Joining Processes and Technology	CUWI2160	2020	Employability and Skill development (ASNT Level II (LPI and UT) or NSQF skill
182	Metal Transfer and Weld Metallurgy	CUWI2161	2020	Employability and Skill development ASNT Level II (LPI and UT) or NSQF skill
183	Design of Welded Joints	CUWI2162	2020	Employability and Skill development (ASNT Level II (LPI and UT) or NSQF skill
184	Testing of Welded Joints	CUWI2163	2020	Employability and Skill development (ASNT Level II (LPI and UT) or NSQF skill
185	Advanced Structural Analysis	MTSE1101	2019	Skill development(Skill in developing computer program for the structural analysis
186	Structural Dynamics	MTSE1102	2019	Skill development(To provide basic knowledge of mathematics, science and
187	Theory of Elasticity & Plasticity	MTSE1103	2019	Skill development(Ability to apply the knowledge of mathematics, science and
188	Architectural Design	MTSE1104	2019	Skill development(Provide skill with a well-educated workforce that is ready and able to
189	Bridge Engineering	MTSE1105	2019	Skill development(At the end of the course, the students have a skill to:
190	Computer Graphics	MTSE1106	2019	Skill development(At the end of the course, the students have a skill and employability to:
191	MATLAB for Civil Engineers	MTSE1107	2019	Employability (Differential equations and its application to engineering problems

192	Finite Element Method	MTSE1201	2019	Skill development(Enable the students to identify, formulate and skill to engineering
193	Concrete Technology	MTSE1202	2019	Skill development(To study and understand various types of technology added in
194	Research Methodology & IPR	MTRM1201	2019	Skill development(1. Skill to research problem formulation.
195	Structural Engineering Lab	MTSE1203	2019	Skill development(To provide basic knowledge of mathematics, science and
196	3D Modeling using ANSYS and CATIA	ISSE1205	2019	Skill development(Introduction to Engineering Design Different types of
197	Design of Prefabricated	MTSE0101	2019	Skill development(Grasp of the construction methods using these elements have the skill
198	Renovation and Retrofitting of green	MTSE0102	2019	Skill development(By the end of this course students will have the skill /knowledge of
199	Advanced Construction	MTSE0103	2019	Skill development(•To study the polymers in civil engineering construction
200	Soil Dynamics and Geotechnical	MTSE0104	2019	Skill development(Develop skill in applying theory of vibrations to basic facets of soil
201	Industry Internship and Project - I	MTIP2101	2019	Employability(On successful completion of this course student will able to:
202	Industry Internship and Project - II	MTIP2201	2019	Employability(On successful completion of this course student will able to:
203	Traffic Engineering And Management	ISTE1101	2019	Skill development(•To learn traffic studies, their analysis and their interpretation.
204	Pavement Materials And Construction	ISTE1102	2019	Employability(•To learn about characteristic of subgrade soil.
205	Urban Transportation Planning	ISTE1103	2019	Employability(•To learn the planning methodology of Urban transportation
206	Transportation Infrastructure Design	ISTE1104	2019	Employability(•To learn Geometric Design of Cross Sectional Elements of various types of
207	Pavement Material Lab	ISTE1106	2019	Skill development(•To learn about characteristic of subgrade soil.
208	Traffic Survey Practice	ISTE1107	2019	Skill development(• Fieldwork using Hi-Tech surveying instruments
209	Pavement Analysis And Design	ISTE1201	2019	Skill development(•To learn about various factors affecting pavement design.
210	Highway Project formulation and	ISTE1202	2019	Employability(•To learn Geometric Design of Cross Sectional Elements of various types of
211	Traffic Safety	ISTE1203	2019	Skill development(Identify specific data and methodologies for effective mapping and
212	Research Methodology For	ISRM1201	2019	Employability(Meaning of Research , Objectives of Research ,Motivation in
213	Survey Lab	ISTE1204	2019	Skill development(Identify specific data and methodologies for effective mapping and
214	Transportation Engineering Design	ISTE1205	2019	Skill development(Gain knowledge about the software used in transportation like surface

215	Remote Sensing And GIS for Transportation	ISTE1207	2019	Skill development(•Ability to understand the basics and characteristics of remote sensing.
216	Pavement Evaluation ,Rehabilitation and	ISTE1208	2019	Employability(•To learn about characteristic of subgrade soil.
217	Project Management	ISTE1209	2019	Employability(Identify functions of project management including estimating, job
218	Environmental Impact Assessment for	ISTE1210	2019	Employability(• environmental issues in decision-making)
219	Industry Internship and Project-1	ISTE2101	2019	Employability(Student will be doing live project For 4 months in an
220	Industry Internship and Project-II	ISTE2200	2019	Employability(Student will be performing internship for 3-months in
221	Computer Applications toPower	MTPS1101	2019	Skill development (Students will gain Functional skill set with hands-on; on Load
222	Non-Linear Control Systems	MTPS1102	2019	Skill development (Students will gain Functional skill set with hands-on; on Load
223	Micro Controller Application with PLC	MTPS1103	2019	Skill development (Students will gain Functional skill set with hands-on; on Micro
224	SCADA- Compatible with all PLC	MTPS1104	2019	Skill development (Students will gain Functional skill set with hands-on; on
225	Advanced Electrical in Automation	MTPS1105	2019	Skill development (Students will gain Functional skill set with hands-on; on Advnce
226	Sensors and VFDInterface to PLC	MTPS1106	2019	Skill development (Students will gain Functional skill set with hands-on; on
227	Digital Control System Applied to Power	MTPS1201	2019	Skill development (Students will gain Functional skill set with hands-on; on Digital
228	Power System Dynamics & Stability	MTPS1202	2019	Skill development (Students will gain Functional skill set with hands-on; on Load
229	SCADA-Compatible with fixed brand of	MTPS1203	2019	Skill development (Students will gain Functional skill set with hands-on; on
230	Distributed Control System	MTPS1204	2019	Skill development (Students will gain Functional skill set with hands-on;
231	Power System Monitoring by HMI	MTPS1205	2019	Skill development (Students will gain Functional skill set with hands-on; on Power
232	High voltage Engineering	MTPS0101	2019	Skill development (Students will gain Functional knowledge with hands-on; on
233	Optimization Techniques in Power	MTPS0102	2019	Skill development (Students will gain Functional knowledge with hands-on; on
234	Digital Power System Applications	MTPS0103	2019	Skill development (Students will gain Functional knowledge with hands-on; on
235	Power Quality Analysis	MTPS0104	2019	Skill development (Students will gain Functional knowledge of power quality)
236	Non-Conventional Renewable Energy	MTPS0105	2019	Skill development (Students will gain Functional knowledge with hands-on; on
237	Renewable Energy System Integration	MTPS0106	2019	Skill development (Students will gain Functional knowledge with hands-on; on RE

238	Concepts of Smart Grid Technology	MTPS0107	2019	Skill development (Students will gain Functional knowledge with hands-on;
239	Distribution System Engineering	MTPS0108	2019	Skill development (Students will gain Functional knowledge on power distribution
240	Power System Security	MTPS0109	2019	Skill development (Students will gain Functional knowledge with hands-on; on
241	Digital Signal Processing	MTPS0110	2019	Skill development (Students will gain Functional knowledge with hands-on; of DSP
242	Industry Internship and Project –	MTIP2102	2019	employability (Student will learn on power system operation & energy audit process
243	Post harvest engineering of	CUTM2066	2021	(Skill development)Understand the concepts and principles of processing and packaging
244	Tractor and Automotive Engines	CUTM1130	2020	Entrepreneurship(To understand the working principle of different systems of
245	Irrigation Engineering	CUTM1131	2020	Skill Development(Estimate the quantity of water required by different types of crop.)
246	Tractor Systems and Controls	CUTM1132	2020	Employability(Learning fundamentals of tractor chassis design and traction theory.)
247	Farm Machinery and Equipment-I	CUTM1133	2020	Employability(To equip the students with technical knowledge and skills required for
248	Agricultural Structures and Environmental	CUTM1134	2020	Employability(To prepare estimate for different farm buildings, structures, roads,
249	Sprinkler and Micro Irrigation Systems	CUTM1135	2020	Entrepreneurship(Learn the design and layout of Drip and Sprinkler Irrigation
250	Soil-Water Conservation	CUTM1136	2020	Skill Development(Develop analytical thinking and problem solving skills in soil and
251	Drainage Engineering	CUTM1138	2020	Entrepreneurship(Analyze the economic aspects of drainage projects.)
252	Tractor and Farm Machinery Operation	CUTM1142	2020	Employability(To acquire knowledge regarding makes and models of tractors,
253	Processing Technology of Cereals	CUFP2310	2020	(Skill development)Understand the concepts and principles of processing and packaging
254	Processing Technology of	CUFP2311	2020	(Skill development)know principles of processing and packaging techniques and
255	Processing Technology of Fruits,	CUFP2312	2020	(Skill development)study of the effects of processing parameters on product safety
256	Product Development and Packaging	CUFP2313	2020	(Employability) Gain insights into the scientific, regulatory, and consumer interests
257	Food Standards and Regulations and	CUFP2314	2020	(Skill development) Understand and develop HACCP plans based on the standards and
258	Sensory Evaluation and Nutritional	CUFP2315	2020	(Employability)Adopt hygienic and sanitation practices during product preparation
259	AELP Linked Project	CUFP2316	2020	(Employability)Pursue research and develop capabilities to handle multi-disciplinary field
260	Rainwater Harvesting and Artificial Recharge	CUSW2340	2020	(Employability)Apply hydrological modelling along with Geospatial application to manage

261	Integrated watershed management	CUSW2341	2020	(Employability)Improving livelihoods in rainfed areas through integrated watershed
262	Sustainable Watershed	CUSW2342	2020	(Skill development)Build skills in collecting, analyzing, and critically evaluating
263	R programming in watershed hydrology	CUSW2343	2020	(Employability)Analyzing and visualization of watershed data using R Programming
264	Modelling and Simulation of	CUSW2344	2020	(Employability)Application of different hydrological models to simulate watershed
265	Geo-spatial application in	CUSW2345	2020	(Employability)Application of rainwater harvesting in an integrated watershed
266	Industrial internship	CUSW2346	2020	(Employability)Pursue research and develop capabilities to handle multi-disciplinary field
267	Product Development Brief	CUFM2220	2020	(Skill development)To make student learn about the smart technologies and their
268	Sensor, Actuators and Robot Operating	CUFM2221	2020	(Employability)To make student learn how to design farm machinery and develop its 3D
269	Farm Machinery Design	CUFM2222	2020	(Employability)To make student learn how to simulate the model using software
270	Piloting a Drone	CUFM2223	2020	(Skill development)To make student learn how to simulate the model using software of
271	PLM using Dassault Tools	CUFM2224	2020	(Employability)To make student learn how to develop a prototype model and test it in
272	Testing of Farm Machinery	CUFM2225	2020	(Skill development)Students will be able to test the machine in real field conditions.
273	Product Development Project	CUFM2226	2020	(Employability)Pursue research and develop capabilities to handle multi-disciplinary field
274	Summer training-I	CUTM1939	2020	(Skill development)Students will be able to have real exposers to industries or Institutes
275	Pharmacognosy and Phytochemistry of	CUTM1167	2020	(Skill development/Employability) Identification of medicinal herbs and gaining
276	Ayurveda and fermentation	CUTM1168	2020	(Skill development/Employability) Formulation of herbal dosage forms, leading
277	Material Science of Excipients and	CUTM1170	2020	(Skill development/Employability) Practical aspects of pharmaceutical dosage form
278	Advanced separation technologies and	CUTM1172	2020	(Employability) Separation and isolation of bioactive components from medicinal herbs
279	Herbal Cosmetic Technology	CUTM1175	2020	(Employability/Entrepreneurship) Project based learning of different cosmetic
280	Plant Biotechnology	CUTM1177	2020	(Skill Development/Employability) Extensive application of plant biotechnology in herbal
281	Good Manufacturing Practices-Herbal	CUTM1178	2020	(Employability) Learn about GMP international standards which will assist in
282	Statistical Quality Control & Design of	CUTM1180	2020	(Skill Development/Employability) learn about pharmaceutical formulations
283	Human Anatomy and Physiology	CUTM1708	2020	(Skill Development) learn about human anatomy and physiology and gain knowledge

284	Industrial Pharmacy-II	CUTM1588	2020	(Skill development/Employability) Practical aspects of pharmaceutical dosage form
285	Heat and Mass Transfer	CUTM1525	2020	(Employability and skill development) learn about heat and mass transfer under
286	Summer training-II	CUTM1940	2020	(Skill development)Students will be able to have real experer to industries or Institutes
287	Introduction to Nutraceutical	CUNU2280	2020	Employment:Production of nutritional enriched foods
288	Functional Food	CUNU2281	2020	Employment:Production of nutritional enriched foods
289	Nutrigenetics	CUNU2282	2020	Employment:Production of nutritional enriched foods
290	Computational Biology	CUGE2270	2020	Employment:Molecular modelling of Biomecules using bioinformatics tools
291	Genetic Engineering and its applications	CUGE2271	2020	Employment:Production of genetically modified varieties using advanced molecular
292	Fundamentals of Microbiology/General	CUTM1711	2020	Skill development (basic idea of microbiology which will later help in higher
293	Business Organisation and Management	CUTM1947	2021	Application of Basic mangement principles- Skill development
294	Job Readiness	CUTM1182	2020	Analytical Ability, ability to plan & strategic, creative & logical thinking, attention to
295	Quantitative Techniques	CUTM1183	2020	Application of quantitative techniques in business decision making- Employability
296	Micro Economics	CUTM1184	2020	Utilize micro economic concepts and techniques to take business decisions
297	Data analysis through Microsoft Excel	CUTM1185	2020	Able to analyse data appropriately- ESkill development
298	Economic Environment of	CUTM1186	2020	Analyse of policy environment to take appropriate decision - Employability
299	Indian Society and Culture	CUTM1187	2020	Analysing social issues, Societal Analysis- Employability
300	Operation Research	CUTM1188	2020	Manage and enhance the sales force productivity and performance: Employability
301	Principles of Management	CUTM1189	2020	Application of Basic mangement principles- Employability
302	Basics of Design Thinking	CUTM1190	2020	Utilize design thinking for innovation - emplobility & Entrepreneurship
303	Data Analysis and Visualization Using	CUTM1191	2020	Can use Python for data analysis and visualization.- Skill Development
304	Introduction to AI/ML	CUTM1192	2020	Utilize AI/ML to drive business in industry 4.0. - Employability
305	Introduction Data Analytics	CUTM1193	2020	Use analytics in decision making - Employability
306	Introduction Additive Manufacturing/3D	CUTM1194	2020	Application of Additive Manufacturing- Employability

307	Introduction to AR/VR	CUTM1195	2020	Application of AR/VR in business - Employability
308	Introduction to Emerging Mobility	CUTM1196	2020	Analyse emerging mobility solutions and its impact on business & society - Employability
309	Introduction to Blockchain	CUTM1197	2020	Use Database, cryptography & Bitcoin - Employability
310	Introduction to Robotics	CUTM1198	2020	Impact of Robotics in business & Management - Employability
311	Accounting for Managers	CUTM1199	2020	Preparation of financial statement, preparation of cost sheet and financial
312	Marketing Management	CUTM1200	2020	Interpret complex marketing issues facing a variety of enterprises they would be
313	Organizational Behaviour and	CUTM1201	2020	Analyze and compare different models of Human Behaviour - Employability,
314	Talent Acquisition and Development	CUTM1202	2020	Assess, design and implement various methods, techniques and sources of training-
315	Marketing Research	CUTM1203	2020	Plan and undertake qualitative or quantitative Market Research and
316	Corporate Finance	CUTM1204	2020	Utilize the concepts of financial management, investment, financing,
317	Production & Operations	CUTM1205	2020	Developing aggregate capacity plans and MPS in operation environments-
318	Introduction to PLM (Platforms such as	CUTM1206	2020	Develop Product specification Document and digital prototype- Employability,
319	Designing User/Customer	CUTM1207	2020	Product Design & User experience - Skill Development
320	Supply Chain Management	CUTM1208	2020	Analyzing the manufacturing operations of a firm- Employability, Entrepreneurship
321	Advanced Managerial Accounting	CUFM2350	2020	Preparation of cost sheet and analysis of financial statements: Employability &
322	Financial Institutions, Markets & Services	CUFM2351	2020	Use techniques for raising funds from capital market and from different sources-
323	Commercial Banking and ALM	CUFM2352	2020	Use techniques for Asset/Liability Management for smooth operation of the
324	Security Analysis And Portfolio	CUFM2353	2020	Use methods of valuations of financial instruments and evaluation of risk as well as
325	Project Appraisal & Financing	CUFM2354	2020	Preparation of detailed project report, identification of a project, feasibility analysis
326	Current Asset Management	CUFM2355	2020	Use methods of determine optimum current assets level and appropriate working capital
327	Financial Analysis and Visualization	CUFM2356	2020	Solve problems through analytics- Employability
328	Robotics Process Automation (RPA) in	CUFM2357	2020	Utilize skill set to work in finance with the help of Robot - Employability &
329	Rural Marketing	CUMM2360	2020	Able to promote products and services in rural market: Employability &

330	Sales and Distribution Management	CUMM2361	2020	Manage and enhance the sales force productivity and performance:Employability
331	Services & Financial Services Marketing	CUMM2362	2020	Design financial service quality measurements to build customer loyalty and
332	Brand Management & Consumer Behaviour	CUMM2363	2020	Analyse the relevance of consumer behaviour to the entire marketing process,
333	Digital Marketing & Marketing	CUMM2364	2020	Develop various application in diverse areas of sales & marketing - Employability
334	Retail & Etail Management	CUMM2365	2020	Make merchandise plan and to procure right merchandise: Employability &
335	B2B Marketing	CUMM2366	2020	Formulate decision, evaluate alternative courses of action and finally choose among
336	Performance Management	MGHR2317	2011	Analyze and adopt different models of Human Behaviour to achieve desired
337	Organization Change and Development	MGHR2318	2011	Assess, design and implement various methods, techniques and sources of training-
338	Human Resource Planning and Sourcing	MGHR2319	2015	Development, implementation, and evaluation of employee recruitment,
339	Training and Development	MGHR2320	2011	Assess, design and implement various methods, techniques and sources of training-
340	Anatomy Physiology & Health Education	CUTM1607	2020	Apply knowledge on structure and function of body parts for therapies-Employability
341	Pharmacology	CUTM1608	2020	Able to advise use of drugs for thearpeutic purposes-Employability
342	Basic Epidemiology	CUTM 1609	2020	Analysis of distribution and determinant of health and diseases condition in defined
343	Selling And Reporting Skills Of	CUTM 1610	2020	Handle pharmaceutical marketing efficiently-Employability, Entrepreneurship
344	Pharmaceutical Brand Management	CUTM 1611	2020	Development of brand of a product-Employability, Entrepreneurship
345	Pharmaceutical Sales and Distribution	CUTM 1612	2020	Increase pharmaceutical sales, develop promotional strategy,-Employability,
346	Business Analytics	CUTM 1613	2020	Use tools and technique to analyse data - Skill development
347	Drug Regulatory Affairs & Intellectual	CUTM 1614	2020	Able to manufacture and sale of pharmaceuticals-Employability,
348	Manufacturing Management	CUTM 1615	2020	Able to plan and designpharmaceutical production system-Employability
349	Financial Reporting & Analysis	CUTM 1616	2020	Analyze financial statements-Employability
350	Pharmaceutical Advertising & Services	CUTM 1617	2020	Able to design managerial process to oversee and control the various advertising
351	Contemporary Development	CUTM1218	2020	Communicate appropriately using tools for development - Employability
352	Data Analysis using Excel and Python	CUTM1241	2020	Can use Python for data analysis and visualization.- Skill Development

353	Development Project Management	CUTM1242	2020	Knowledge and skills acquisition on Appraisal, Planning, and Monitoring &
354	Natural Resource Management	CUTM1243	2020	Work effectively with, and within, interdisciplinary and diverse groups to
355	Development Theory and Practice	CUTM1222	2020	Utilization of development theories in practical field- Employability and Skill
356	Development Project Management	CUTM1223	2020	Knowledge and skills acquisition on Appraisal, Planning, and Monitoring &
357	Social Research Methods	CUTM1246	2020	Apply various data collection techniques, for both quantitative and qualitative research,
358	Agricultural Marketing	CUTM1247	2020	Effectively evaluate the challenges and prospects of agri marketing system, :
359	Strategic Management	CUTM1929	2020	Conduct analysis of competitive situations of the enterprise - Employability
360	Community Organization and	CUTM1930	2020	Managing and developing community organizations- Employability
361	Food Security and Right to Food	CUTM1931	2020	Promoting food security- Employability
362	Financial Inclusion and Micro Finance	CUTM1932	2020	To appraise the scenario of financial inclusion in the country , acquire skills to
363	Organization Behaviour	CUTM1933	2020	Analyze and compare different models of Human Behaviour for organizational
364	Human Resource Management and	CUTM1934	2020	Carry out human resource planning and Job analysis, develop, implement and evaluate
365	Public Policy: Design, Analysis and	CUTM1935	2020	Designing campaigns and implementation of policies- Employability and Skill
366	Social Entrepreneurship and	CUTM1936	2020	Promoting Social entrepreneurship and implementing CSR policies-
367	Digital and Social Media Marketing	CUTM1937	2020	Development and usages of social media marketing- Employability, Entrepreneurship
368	Skill Ecosystem development	CUDM2356	2020	Create skill ecosystem and analyse its dimensions - Employability
369	Local Governance systems	CUDM2357	2020	Developing collaboration with local government institutions- Employability
370	Rural Haat & Market Analysis	CUDM2358	2020	Assessing rural markets and develop appropriate marketing strategies -
371	Community Owned and Managed	CUDM2359	2020	Promoting community owned business organizations- Employability
372	Corporate Social Responsibility	CUDM2360	2020	Demonstrate a multi-stakeholder perspective in viewing CSR issues, Compare
373	Disaster Management	CUDM2361	2020	To build skills and abilities in analyzing potential effects of disasters and the
374	Management of Rural Health	CUDM2362	2020	Developing strategies for Rural Health and management- Employability
375	Management of Rural Education	CUDM2363	2020	Promoting rural education- Employability

376	Sustainable Rural Livelihoods	CUDM2364	2020	Developing Livelihood opportunities and linking livelihood programs- Employability
377	Organizing Conference	CUDM2381	2020	Learning skills for organizing events - Employability, Entrepreneurship & Skill
378	Managing Watersheds	CUDM2365	2020	Watershed management- Employability and skill
379	M&E of Development Projects	CUDM2366	2020	Project Mangement- Employability and Entrepreneurship
380	Poverty reduction strategies	CUDM2353	2020	Can address the issues related to poverty and develop appropriate strategies to
381	Issues in Tribal Development	CUDM2367	2020	Develop strategies to handle tribal issues- Employability
382	Extension strategies for development	CUDM2355	2020	Implement development strategies- Employability
383	Fund Raising for Social Cause	CUDM2368	2020	Develop strategies for fund raising- Employability and Entrepreneurship
384	Fundamentals of Management	CUTM1209	2020	Apply appropriate managerial principles and theories on the work front- Employability
385	Organisational Behaviour	CUTM1210	2020	Analyze and compare different models of Human Behaviour - Employability
386	Statistics for Business Decisions	CUTM1211	2020	Use appropriate sampling techniques, formulate the appropriate hypothesis, use
387	Managerial Economics	CUTM1212	2020	make optimal decisions by integrating the concept of economics and business- make
388	Business Accounting	CUTM1213	2020	interpret the nature and role of the principal financial statements (i.e., the Income
389	Macro Economics	CUTM1214	2020	Develop knowledge to apply macroeconomic perspective to solve business problems-
390	Principles of Marketing	CUTM1215	2020	Solving simple marketing issues facing by a variety of enterprises they would be
391	Management Accounting	CUTM1216	2020	Preparation and use of financial statement of different types of organisations:
392	Business Research	CUTM1217	2020	Formulate the hypothesis and conduct independent research- Employability
393	Financial Management	CUTM1219	2020	Utilize concepts of financial management, investment, financing, working capital and
394	Quantitative Techniques for	CUTM1220	2020	formulate complex problems into mathematical models to solve using
395	Legal Aspects of Business	CUTM1221	2020	Adhere to legal framework for starting a business venture and running it successfully
396	Advanced Managerial Accounting	CUTM1225	2020	Preparation and use of financial statement of different types of organisations:
397	Financial Institutions, Markets & Services	CUTM1226	2020	Use techniques for raising funds from capital market and from different source-
398	Commercial Banking and ALM	CUTM1227	2020	Use techniques for Asset/Liability Management for smooth operation of the

399	Security Analysis And Portfolio	CUTM1228	2020	Use methods of valuations of financial instruments and evaluation of risk as well as
400	Project Appraisal & Financing	CUTM1229	2020	Preparation of detailed project report, identification of a project, feasibility analysis
401	Current Asset Management	CUTM1230	2020	Use methods of determine optimum current assets level and appropriate working capital
402	Financial Analysis and Visualization	CUTM1231	2020	Solve problems through analytics- Employability & Skill Development
403	Robotics Process Automation (RPA) in	CUTM1232	2020	Utilize skill set to work in finance with the help of Robot - Employability &
404	Rural Marketing	CUTM1233	2020	Able to promote products and services in rural market: Employability &
405	Sales and Distribution Management	CUTM1234	2020	Manage and enhance the sales force productivity and performance: Employability
406	Services & Financial Services Marketing	CUTM1235	2020	Design financial service quality measurements to build customer loyalty and
407	Brand Management & Consumer Behaviour	CUTM1236	2020	Analyse the relevance of consumer behaviour to the entire marketing process,
408	Digital Marketing & Marketing	CUTM1237	2020	Develop various application in diverse areas of sales & marketing - Employability
409	Retail & Etail Management	CUTM1238	2020	Make merchandise plan and to procure right merchandise: Employability &
410	B2B Marketing	CUTM1239	2020	Formulate decision, evaluate alternative courses of action and finally choose among
411	Environmental Science	CUTM1674	2020	Design and evaluate strategies, technologies and methods for sustainable management of
412	Summer Internship	CUTM1224	2020	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
413	Financial Accounting	CUTM1942	2020	Preparation and use of financial statement of different types of organisations:
414	Business Economics	CUTM1948	2020	Apply macroeconomic perspective to solve business problems- Employability &
415	Business Mathematics	CUTM1951	2020	Data analysis using mathematical function- Employability & Entrepreneurship
416	Introduction to Banking	CUBC2433	2020	Carry out operational activities in commercial banks Employability
417	Business Law	CUTM1943	2020	Utilize legal framework for starting a business venture and running it successfully
418	Business Statistics	CUTM1944	2020	Use statistical tools for managerial decision-making- Employability, Entrepreneurship
419	Computer Applications in	CUTM1953	2020	Utilize computer in the day to day activities of the business - Skill development
420	Income-tax Law and Practice	CUTM1949	2020	Can handle computation of heads of income and taxable income, TDS, advance tax etc.:
421	Corporate Laws	CUTM1946	2020	Utilize the minimum legal framework for starting a business venture and running it

422	Cost Accounting	CUTM1950	2020	Preparation of cost sheet and analysis of financial statements: Employability &
423	Tally ERP 9	CUTM1956	2020	Preparation of financial statement of different types of organisations with Tally:
424	Corporate Accounting	CUTM1945	2020	Develop Accounting procedures used in corporates and the strategies involved in the
425	Banking Law & Practice	CUBC2434	2020	Adhere to Banking laws and practices while working in banking sector- Employability
426	Auditing and Corporate	CUTM1689	2020	Identify the areas of fraud and errors in the accounts and take corrective actions while
427	E-Commerce	CUTM1957	2020	carry out entrepreneurial activities electronically (E-commerce) Employability
428	Goods & Services Tax (GST) and Customs	CUTM1952	2021	Calculate and file GST, levy and collection of tax, input tax credit, IGST act GSTN etc.:
429	Banking and Insurance	CUTM1954	2021	Adhere to Regulatory Framework in the Indian Banking system, Regulatory
430	Advanced Corporate Accounting	CUTM1955	2021	Develop Accounting procedures used in corporates and the strategies involved in the
431	On Job Internship-I	CUBC2436	2021	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
432	On Job Internship-II	CUBC2437	2021	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
433	Communication Research Methods	MAMC1101	2018	Analyse data with techniques of social science, media research - Skill development
434	Introduction to Print & Electronic Media	MAMC1102	2018	Competence in Print and Electronic Media and can work in Print and Electronic Media
435	Society, Media and Communication	MAMC0501	2018	Skill development and Entrepreneurship; Competence on the media business, its
436	Cultural Studies	MAMC0903	2018	Skill development; Competence in the process of production of media culture and
437	Advanced Digital Media	MAMC1103	2018	Students will be able to Competence skills in modern media and will be able to analyse
438	Digital Media Platforms	MAMC1104	2018	Employability: Get jobs in Television program production or Radio Program
439	Film studies	MAMC1105	2018	Students will be able to develop skills in different aspects of Film and will be able to
440	Advertising and Public Relations	MAMC1106	2018	After studying this paper student will be able to employ Public Relations and Advertising
441	Thesis	MAMC0301	2018	Employability: Analysing Media issues and analysis of media content.
442	Animation	MCDE0601	2016	Ability to create quality animation performance through a creative and
443	Radio Jockeying	MCDE0602	2016	Skill development in aggregate capacity to develop the skills of a Radio Jockey.
444	TV Anchoring	MCDE0603	2016	Skill development in the aggregate capacity to develop the skills of a Television Anchor.

445	Fashion Photography	MCDE0604	2016	Skill development: Developing competency for professional fashion photography.
446	Camera Operator	MCDE0605	2018	Skills development and Employability in camera handling and planning and producing
447	Video Editor	MCDE0606	2018	Skill development in television field and its functioning. Build the ability to develop and
448	Web Content Development	MCDE0607	2016	Skill development and Entrepreneurship: Competence in Content development for
449	Sound Engineer	MCDE0608	2018	Skill development on sound editing with defferent software.
450	Adobe tools and Illustrations	MCDE0609	2018	Work on Adobe Illustrator in the beginner level, and on graphics designing. Skill
451	Communication, Media and Society	CUTM1264	2020	Skill development in culture to influence nonverbal communication and cultural
452	Introduction to Journalism	CUTM1265	2020	Students enhance their skill and will able to design news and they have can deliver
453	Communication Research	CUTM1266	2020	Employability: Conduct research on different media elements, Conduct research on radio,
454	Print Media Production	CUTM1267	2020	Student will able to get job on Social media-Employability
455	Exploring Hindi Cinema	CUTM1268	2020	After successful completion of the course the learners will be able to develop skill on
456	Graphic Designing & Visual Images	CUTM1269	2020	Application of Graphic Designing & Visual Images in the job-Employability
457	Television Journalism	CUTM 1270	2020	students will be able to write script, voice over and field reporting-Skill development
458	Development Communication	CUTM1271	2020	Students will make strategy designing and campaign designing. They will enhance their
459	Camera and Editing for TV	CUTM 1272	2020	Improve skills in contemporary video technology and operation of cameras, audio,
460	Reporting and Anchoring	CUTM 1273	2020	Employability: reporter, copy editor and bulletin producer in electronic media, can
461	Global Politics and Media	CUTM1274	2020	Students will enhance skill on impacts of
462	Documentary	CUTM1275	2020	Develop skill to produce documentary cinema.-Skill development
463	Communication and the Plastic Arts	CUTM1276	2020	The learners will able to communicate in public space by using the plastic arts as the
464	Integrated Marketing Communication	CUTM1277	2020	Employability: They will be able to design campaign to promote a product, design
465	Web Content Development	CUMC2383	2020	Skill development and Employability on technology and content of the world wide
466	Radio Jockeying	CUMC 2380	2020	Skill development in aggregate capacity to develop the skills of a Radio Jockey.
467	Animation	CUMC2379	2020	Ability to create quality animation performance through a creative and

468	Introduction to social media	CUMC2382	2020	Student will able to get employment on Social media
469	Energy storage materials	CUTM1399	2020	Employability:Understanding of Energy storage behaviour of Various materials and
470	Bio and bimimetic nano materials	CUTM1400	2020	Employability: to gain knowledge about biomaterials, their properties, behavior,
471	Photovoltaic technology and	CUTM1401	2020	Employability:Understanding the cost effective fabrication route and increasing
472	Advanced characterization	CUTM1402	2020	Skill development:To know the experimental techniques for the microstructural and
473	Smart and electronic materials	CUTM1403	2020	Employability:To acquaint with various kinds of smart materials for device application and
474	Corrosion and advanced coating	CUTM1404	2020	Employability:Learn about different surface coating technologies and to know substrate
475	Synthesis and application of nano	CUTM1405	2020	Skill developmet:To provide knowledge of the advantages of using different types of
476	Material behavior of nanostructures	CUTM1406	2020	Skill development: It will enhance the ability of the students to explore various
477	Emerging materials	CUTM1407	2020	Employability: Students will be able to work in research and industrial set up on material
478	Synthesis routes of nanomaterials	CUTM1408	2020	Skill development: To enhance the skill of the students for fabrication of varirous nano
479	Computational materials science	CUTM1409	2020	Skill development: It will expose the students to the face the challenges in the
480	Plasma technology	CUTM1410	2020	Employability: To understand fundamental characteristics of plasma, various plasma
481	Essentials of nanomaterials	CUTM1411	2020	Skill development:To understand and use the properties of Nano-materials in diverse
482	Advanced quantum mechanics	CUTM1412	2020	Skill development:To improve the ability of the student to co-relate the theory and the
483	Physics of solids and semiconductors	CUTM1413	2020	Skill development:Will be able to explain the physical characteristics such as electronic
484	Laser technology	CUTM1414	2020	Skill development:To acquire a thorough understanding of the theory of modern Laser
485	Industrial chemicals	CUTM1415	2021	Employibilty-Plastic Additive,Specialty Chemicals,Market Directed Specialty and
486	Pharmacognosy and phytochemistry	CUTM1416	2021	Employibilty-The whole content of the syllabus
487	Polymer chemistry	CUTM1417	2021	Employibilty-Fundamental ,Copolymerization,Radical Polymerization
488	Packaging	CUTM1418	2021	Employibilty-Fundamentals of packaging ,Conversion technology ,Specialty packaging
489	Industrial pollution and its waste	CUTM1419	2021	Employibilty-Fundamentals of pollution ,Water quality standard ,Methods of
490	Toxicology	CUTM1420	2021	Employibilty-Concepts of toxicology,Toxicity Pathways,Toxicity mechanism,Integrated

491	Biopolymer and hydrogel	CUTM1421	2021	Employability-Fundamentals of biopolymers, Polymer biodegradation and
492	Nano-pharmaceuticals and biomedical	CUTM1422	2021	Employability-Nanotechnology in Food and pharmaceutical industry ,Nanotechnology in
493	Synthetic organic chemistry	CUTM1423	2021	Employability-Fundamentals ,Organic Reagents ,Molecular Rearrangement
494	Energy storage system	CUTM1424	2021	Employability-whole content of Energy storage system syllabus
495	Sustainable chemistry	CUTM1425	2021	Employability-Fundamental,Green Chemistry,Green Solvents,Green Synthetic
496	Analytical techniques	CUTM1426	2021	Employability-Basic Tools of Analytical Methods,Chemical Equilibria for
497	Numerical Methods for CFD	CUTM1526	2020	Skill- Evaluate finite difference/volume schemes on model problems of
498	Fluid Dynamics	CUTM1527	2020	Skill-To apply fluid dynamics problems using different tools.
499	Geometry and Grid Generation	CUTM1528	2020	Employability- Understand the construction techniques of structured and unstructured
500	Applications of CFD using Computational	CUTM1529	2020	Employability- Understand the construction techniques of structured and unstructured
501	Advanced differential equations	CUTM1530	2020	Skill – Solve the problems choosing the most suitable method
502	Graph Theory	CUTM1531	2020	Skill –To impart knowledge about tracing of graphs and network analysis
503	Optimization techniques	CUTM1532	2020	Skill –To impart knowledge about various computational methods for fluid flow and
504	Advanced Statistical Methods	CUTM1533	2020	Skill – Ability to learn new statistical analysis techniques using python
505	Applied Number Theory	CUTM1534	2020	Skill- Enhance and reinforce the student's understanding of concepts through the use
506	ADVANCED COMPLEX ANALYSIS	CUTM1535	2020	Employability - To know about special functions like Riemann zeta function which
507	TOPOLOGY	CUTM1536	2020	Skill - To introduce the student to maps between topological spaces
508	DIFFERENTIAL GEOMETRY	CUTM 1537	2020	Employability - Study about notations and operations of Tensor
509	ADVANCED ALGEBRA	CUTM1538	2020	Employability - Effectively write abstract mathematical proofs in a clear and logical
510	Herbal Cosmetic Technology	CUTM1427	2020	Employabilityand Skill- Students Completed practice on analysis of carbohydrates,
511	Plant Physiology and Metabolism	CUTM 1428	2020	Employability and Skill - Hand on Isolation of chloroplast and measurement of electron
512	Good Manufacturing Practices-Herbal	CUTM 1429	2020	Skill-Learn the concept of quality standards in terms of ISO-9000 and quality audit and
513	Developmental Biology and	CUTM 1430	2020	Employability and Skill- understand the morphology and development of

514	Systematics and Diversity of Plants	CUTM 1431	2020	Employability and Skill- Identification of plants based on morphology and
515	Advanced Separation Technologies and	CUTM 1432	2020	Skill-Learn different extraction techniques, can handle
516	Biochemistry and Enzyme Technology	CUTM 1433	2020	Employability-Learn techniques employed in enzymes purification and characterization,
517	Advances In Plant Ecology	CUTM 1434	2020	Employability and Skill- Learn to critically evaluate environment pollution issues,
518	Computational Biology	CUTM 1435	2020	Employabilityand Skill- Hand on skill and practical knowledgr on different
519	Microbiology	CUTM 1436	2020	Employability and Skill-Students can dopracticals and learnt on preparation and
520	Cell and Molecular Biology	CUTM 1437	2020	Employability and Skill-Perform comparative karyotypic analysis, techniques like
521	Bioanalytical Techniques	CUTM 1438	2020	Skill-Students will be exposed to various biological techniques and their applications
522	Plant Biotechnology	CUTM 1439	2020	Entrepreneurship- Learn the basics principles of plant sciences and molecular biology and
523	Plant Breeding and Genetics	CUTM 1440	2020	Skill-Learn to carry out specific plant breeding activities, such as selection of
524	Plant Genomics	CUTM 1441	2020	Skill-Learn to understand genomics and proteomics and the different approaches
525	Advanced Aquaculture	CUTM1442	2021	Skill - Systems of aquaculture - Pond culture , Pen culture, Cage culture and Running water
526	Animal Biotechnology	CUTM1452	2021	Employability - Media preparation, Role of important components of culture media;
527	Animal Breeding	CUTM1453	2021	Employability - Problems relating to gene and genotypic frequencies under different
528	Coastal Aquaculture	CUTM1447	2021	Skill-Principles of pond design – Inland and Coastal, Tank and raceway farms, cage
529	Water and Soil Quality Management in	CUTM1443	2021	Skill - Fertilizers and manures: Different kinds of fertilizers and manures; fertilizer
530	Anatomy and Biology of Fish and Shellfish	CUTM1446	2021	Skill - Basic Structural Features, Body shape,scales, and fins , Internal features.
531	Fish Processing and Value addition	CUTM1448	2021	Skill - Contribution of aquaculture , Implications for the processing industry,
532	Fish and Shellfish Nutrition	CUTM1444	2021	Skill - Principal Nutrients essential for feed formulation, Role of different nutrients on
533	Animal Physiology and Biochemistry	CUTM1450	2021	Employability - • Study of T.S/L.S/V.S of digestive organs
534	Immunology and Cancer Biology	CUTM1451	2021	Employability - Cells and Organs of the Immune System, Structure and function of
535	Bioanalytical Techniques	CUTM1438	2021	Skill - To study and gain expertise on differential and cytological staining
536	Fish and Shellfish Health Management	CUTM1445	2021	Skill - , stress in aquaculture and its role in disease development, pathological

537	Cell and Molecular Biology	CUTM1437	2021	Skill - 1. Visualization of DNA by performing agarose gel electrophoresis and extraction of
538	Ornamental Aquaculture	CUTM1449	2021	Skill - External morphology of important marine aquarium fishes, External
539	Genetics and Epigenetics	CUTM1454	2021	Skill - Identification of particular linkage groups with specific chromosome, Physical
540	Microbiology	CUTM1436	2021	Skill - Preparation of bacterial smear and staining – Gram’s, Acid-fast, Staining of
541	Mathematical Physics-I	CUTM1483	2020	Skill - Practice using programming in C.
542	Mechanics	CUTM1484	2020	Skill - Mechanics Lab
543	Thermal Physics	CUTM1485	2020	Employability - Laws of Thermodynamics, Carnot engine & efficiency. Carnot’s
544	Waves and Optics	CUTM1486	2020	Employability - Interferometer, Diffraction grating. Resolving power of grating, Fresnel’s
545	Mathematical Physics-II	CUTM1487	2020	Skill - Practice using Scilab leads to computational skill.
546	Electricity and Magnetism	CUTM1488	2020	Employability - Magnetic Properties of Matter, Magnetization, Electromagnetic
547	Analog System and Application	CUTM1489	2020	Employability - Semiconductor Diodes, Two-terminal Devices and their Application,
548	Mathematical Physics-III	CUTM1490	2020	Skill - Develop the skill of solving mathematical problems using Scilab.
549	Elements of Modern Physics	CUTM1491	2020	Employability - Radioactivity, Fission and Fusion, Lasers.
550	Digital Systems and Applications	CUTM1492	2020	Employability - CRO uses, Integrated Circuits, Digital Circuits, Data processing circuit,
551	Quantum Mechanics and Applications	CUTM1493	2020	Employability - Schrodinger equation and its solution, its application, hydrogen-like
552	Solid State Physics	CUTM1494	2020	Employability - Magnetic properties of materials, dielectric properties of materials,
553	Electromagnetic Theory	CUTM1495	2020	Skill - Electromagnetic lab.
554	Statistical Mechanics	CUTM1496	2020	Skill - Learn to solve statistical physics problems through computational methods
555	Atomic Structure and Chemical bonding-I	CUTM1469	2021	Employability-Wave mechanics,Atomic structure-2,Periodic Properties-I &II,Ionic
556	States of matter and ionic equilibrium	CUTM1470	2021	Employability- Gaseous State-I & II, Liquid State, Solid State,Ionic Equilibria I,II and III.
557	Basics and Hydrocarbons	CUTM1471	2021	Employability-Basics Organic Compounds, Reaction Intermediate , Chemistry of
558	Chemical Thermodynamics and	CUTM1472	2021	Employability-Chemical Thermodynamics,Chemical Thermodynamics
559	S- and P-block elements	CUTM1473	2021	Employability- General Principles of Metallurgy,Acids and Bases,Chemistry of s

560	Oxygen Containing Functional Groups	CUTM1474	2021	Employability- Chemistry of Alkyl Halides, Aryl Halides and Organometallic
561	Phase Equilibria & Chemical Kinetics	CUTM1475	2021	Employability-Phase Equilibria-1,3, Chemical Kinetics 1&2, Catalysis, Surface Chemistry,
562	Coordination Chemistry	CUTM1476	2021	Entrepreneurship-Crystal Field Theory, Transition Elements Employability-
563	Heterocyclic Chemistry	CUTM1477	2021	Employability-Amines, 5 and 6 membered Heterocyclic Compounds containing one
564	Electrochemistry	CUTM1478	2021	Employability-Conductance I, II, and III, Electrochemistry I, II Entrepreneurship-Energy
565	Bio-molecules	CUTM1479	2021	Employability-Amino acids, peptide and proteins, Enzymes, Bio-imaging and Bio-
566	Quantum Chemistry & Spectroscopy	CUTM1480	2021	Employability-Quantum Chemistry, Introduction to Molecular Spectroscopy
567	Organometallic chemistry	CUTM1481	2021	Skill-Study of the following industrial processes and their mechanism and All
568	Spectroscopy	CUTM1482	2021	Employability- Carbohydrates, Entrepreneurship-Dyes Skill-
569	Calculus	CUTM1511	2020	Skill- Tracing of different curves and functions.
570	Linear Algebra	CUTM1512	2020	Skill –To gain the knowledge on MATLAB and uses in algebra.
571	ANALYSIS-I	CUTM-1513	2020	Skill –• Describe the real line as a complete, ordered field.
572	ANALYSIS-II	CUTM-1515	2020	Skill –• Describe the Riemann integrable and Riemann sums
573	MODERN ALGEBRA	CUTM1516	2020	Skill – Effectively write abstract mathematical proofs in a clear and logical
574	ADVANCED ANALYSIS	CUTM1519	2020	Skill –To point out that iterative processes and convergence of sequences occur in
575	Ordinary Differential Equations	CUTM1514	2020	Skill –To understand solving Free Undamped Motion of a Spring System using Python and
576	Partial Differential Equations and	CUTM1517	2020	Skill –Application of MATLAB in system of differential equations
577	Numerical Analysis	CUTM1518	2020	Skill – Numerical Solution of different linear and non-linear equations using software.
578	Complex Analysis	CUTM1520	2020	Skill –Learn the Plotting of complex functions using Matlab
579	Integral Transformations	CUTM1521	2020	Skill –To learn the Fourier series expansions of periodic functions by using Matlab
580	Discrete Mathematical	CUTM1522	2020	Skill –To work with different types of Sets, Lattices and Boolean Algebra using Python
581	Linear Programming	CUTM1523	2020	Skill - To demonstration of the utilization of Linear Programming Problems in industry
582	Probability and Statistics	CUTM1524	2020	Skill- To apply probability and statistics in engineering and science like disease

583	Phycology and Microbiology	CUTM1455	2020	Employability- Classification and identification of microbes and algae.
584	Biomolecules & Cell biology	CUTM1456	2020	Employability- Carbohydrates,Lipids,Nucleic Acids,Bioenergetics
585	Mycology & Phytopathology	CUTM1457	2020	Skill-Practice on identification of different
586	Archegoniate	CUTM1458	2020	Employability-Learn the phylogeny of archegoniate .
587	Anatomy of Angiosperms	CUTM1459	2020	Employability-Learn identification of plants based on cytotaxonomy, helps in forensic
588	Economic Botany	CUTM1460	2020	Entrepreneurs- Practice on Economic importance of Cereals, Legumes, Tea plant
589	Basics of Genetics	CUTM1461	2020	Skill-Learn to carry out specific activities, such as selection of parental germplasm,
590	Molecular Biology	CUTM1462	2020	Skill- Students can isolate plant DNA & quantification of extracted DNA by
591	Plant Systematics	CUTM 1464	2020	Employability- Students can easily identified plants, prepared and seposited herbarium,
592	Reproductive Biology of Angiosperm	CUTM1465	2020	Employability -Keen Observations of some of the variation in different parts of sample
593	Plant Physiology	CUTM1466	2020	Employability- A keen observation and application of Plant water relationnship and
594	Plant Metabolism	CUTM1467	2020	Employability- Students isolate and quantify the biomolecules, metabolites present on
595	Plant Biotechnology	CUTM1468	2020	Entrepreneurship- Learn the basics principles of plant sciences and molecular biology and
596	Non – Chordates-I-	CUTM1497	2021	Employability - General characteristics and Classification up to classes, General
597	Non Chordates-II	CUTM1498	2021	Employability - General characteristics and Classification up to classes, General
598	Developmental Biology	CUTM1509	2021	Employability - Late Embryonic Development: Fate of Germ Layers, Extra-
599	Principles of Genetics	CUTM1508	2021	Employability - Genetic and environmental basis of sex determination; Chromosomal
600	Animal Physiology- Life sustaining system	CUTM1505	2021	Employability - Cardiac cycle, Cardiac output and its regulation, Frank-Starling Law of the
601	Diversity of Chordates	CUTM1501	2021	Employability - General characteristics of Chondrichthyes and Osteichthyes,
602	Biochemistry of Metabolic Processes	CUTM1506	2021	Employability - Sequence of reactions and regulation of glycolysis & Gluconeogenesis,
603	Principles of Ecology	CUTM1499	2021	Employability - Population: Unitary and Modular populations Unique and group
604	Cell Biology	CUTM1500	2021	Employability -Cell Division and Cell cycle: Mitosis, Meiosis; Regulation of cell cycle. Cell
605	Fundamentals of Biochemistry	CUTM1503	2021	Employability - Enzyme kinetics;Factors affecting rate of enzyme-catalyzed

606	Animal Physiology: Controlling and	CUTM1502	2021	Employability - Components of blood and their functions, Structure and functions of
607	Comparative Anatomy of Vertebrates	CUTM1504	2021	Employability - 1. Temporary mount of external scales in fishes (cycloid, placoid,
608	Evolutionary Biology	CUTM1510	2021	Employability - Phylogenetic trees , Multiple sequence alignment , constructions of
609	Molecular Biology	CUTM1507	2021	Employability - 1. Isolation and spectrophotometric estimation of DNA
610	Fundamentals of Agronomy	ASAG1101	2018	Understanding the tools of agronomy and their application in crop production: skill
611	Fundamentals of Genetics	ASPG1101	2018	Application of genetic principles in plant breeding: employability & skill dev.
612	Fundamentals of Soil Science	ASAC1101	2018	Understanding the theory of soil science and its characteristics : employability.
613	Agricultural Economics &	ASEC1101/ ASAS1101		
614	Fundamentals of Horticulture	ASHO1101	2018	Understanding the fundamentals of various aspects of horticulture crops : employability
615	Fundamentals of Plant Pathology	ASPP1101	2018	Understanding the fundamentals of plant disease causing organisms and their
616	Rural Sociology & Educational	ASEE1102	2018	Learning the basic concepts of rural sociology and psychology for its application
617	Soil and Water Conservation	ASAE1101	2018	Understanding about the principles of soil water conservation: employability
618	NSS/NCC/Physical Education & Yoga	ASPE1101	2018	Understanding and application of different yoga asanas and pranayama techniques for
619	Irrigation water management	ASAG1206	2018	Understanding the practices of water management and its application in irrigation
620	Production Technology for	ASHO1203	2018	Understanding the different methods i.e. seed treatment and vegetative propagation
621	Fundamentals of Entomology –I (Insect	ASEN1201	2018	Understanding the basic principles of morphology of different plant disease
622	Fundamentals of Agricultural Extension	ASEE1201	2018	Learning about the latest extension methods i.e. audio-visual aids, field demonstration:
623	Farm Machinery and Power	ASAE1202	2018	Learning about latest machines used in crop production: employability
624	Crop Production Technology – I	ASAG2103	2018	Developing skills i.e. field management, cultural practices, disease and pest
625	Fundamentals of Plant Breeding	ASPG2103	2018	Understand the basic methods of plant breeding i.e. emasculation and crossing : Skill
626	Fundamentals of Entomology- II (Insect	ASEN2102	2018	Understanding the basic principles of morphology of different plant disease
627	Weed management	ASAG2105	2018	Identification of Weeds and its management in different crops : employability
628	Production technology of fruits	ASHO2102	2018	Understanding the different methods i.e. grafting, budding and layering for production

629	Agricultural Informatics	ASAI2101	2018	To disseminate,capture,access information to achieve sustainable use of agricultural
630	Communication skills and personality	ASEE2104	2018	Develop knowledge of english communication through presentation,
631	Crop Production Technology –II (Oil	ASAG2204	2018	Developing skills i.e. field management, cultural practices, disease and pest
632	Production Technology for	ASHO2204	2018	To gain expertise in production of ornamental crops and landscaping :
633	Renewable Energy and Green Technology	ASAE2203	2018	Understanding the principles of renewable energy for agriculture practice: employability
634	Manures, Fertilizers and Soil Fertility	ASAC2202	2018	Understanding the manures and fertilizer and its application:skill and employability.
635	Fundamentals of Plant Biotechnology	ASPB2201	2018	Understanding and learning about the methods of plant biotechnology i.e. DNA
636	Rain-fed Agriculture & Watershed	ASAG2211	2018	Understanding the methods of rainwater harvesting and groundwater rechargement
637	Principles of seed technology	ASPG2202	2018	Gaining knowledge in seed storage, certification and marketing ways:
638	Diseases of Field and Horticultural Crops	ASPP2202	2018	Identification and management of diseases of field crops :employability
639	Entrepreneurship Development and	ASEE3103	2018	Development of enterpreneurial mindset and entrepreneurial skills for building a start-
640	Problematic Soils and their Management	ASAC3103	2018	Understanding fertility and pH levels of soil to manage problematic soils :skill dev and
641	Pests of field Crops and Stored Grain and	ASEN3103	2018	Identification and management of store pest and management of field crops
642	Diseases of Field and Horticultural Crops	ASPP3103	2018	Identification and management of diseases of horticultural crops :employability
643	Crop Improvement-I (Cereals,millets,pulses	ASPG3104	2018	Developing skills i.e. field management, cultural practices, disease and pest
644	Principles of food science and nutrition	ASFS3101	2018	Identification of microbes in food processing and packaging: employability
645	Geoinformatics and Nano-technology for	ASAG3110	2018	To gain knowledge in nano materials and geoinformatics applicaions i.e. moonsoon
646	Practical Crop Production – I (Kharif	ASAG3108	2018	To gain expertise in production of commercial kharif crops: employability
647	Farming System & Organic farming for	ASAG3207	2018	To gain expertise in organic farming practice: employbility, skill development and
648	Practical crop production II (Rabi	ASAG3209	2018	To gain expertise in commercial rabi crop production: employbility
649	Post-harvest Management and	ASHO3205	2018	Understanding different practices with relation to Value addition of fruits and
650	Pests of horticultural crops and their	ASEN3204	2018	Identification and management of crop & storedgrain pests :employability & skill dev
651	Crop Improvement-II (fibre, sugar, starches,	ASPG3205	2018	Developing skills i.e. field management, cultural practices, disease and pest

652	Principles of Integrated Pest and	ASPP3204	2018	Identification of insects pests of different crops and its integrated pest management-
653	Protected cultivation and post harvest	ASAE3204	2018	Understanding different practices with relation to Value addition of fruits and
654	Intellectual Property Rights	ASIP3201	2018	Understanding the process to file patent and register for copyrights:skill and employability.
655	Farm Management	ASEC3204	2018	Expertise to manage agriculture farm : Employability
656	Agribusiness Management	ASFE2207	2018	Understanding agriculture and allied business along with building skills i.e.
657	Agrochemicals	ASFE2206	2018	Gaining information on different types of agrochemicals used in agriculture:
658	Commercial Plant Breeding	ASFE2204	2018	Understanding of commercial plant breeding techniques i.e. emasculation, crossing and
659	Food safety and Standards	ASFE2201	2018	Understanding the different food safety principles i.e. pasturization, canning etc: Skill
660	Biopesticides & Biofertilizers	ASFE2205	2018	Understanding the techniques involved in biopesticide and biofertilizer production:
661	Micro propagation Technologies	ASFE2208	2018	Gaining knowledge in different micro irrigation techniques i.e. sprinkler and drip
662	Hi-tech. Horticulture	ASFE2202	2018	Gaining knowledge in different techniques i.e. vertical farming and hydroponics of
663	Remote Sensing & GIS Applications	ASFE2209	2018	Understanding the applications of remote sensing i.e. analyzing the condition of rural
664	Climate Smart Agriculture	ASFE2210	2018	Gaining knowledge on the usage of drones in agriculture for crop improvement:
665	E-Agriculture	ASFE2212	2018	Gaining knowledge in technology dissemination, and information delivery
666	Agricultural Waste Management	ASFE2203	2018	Understands the various methods for agricultural waste management i.e. green
667	Principles of Aquaculture	ASFE2213	2018	Understanding the various methods i.e. breeding, raising and harvesting in fish
668	RAWEP	AGRW4101	2018	To impart diagnostic and remedial practical training and skills in crop
669	AELP	AGEL4201	2018	To promote professional skills and knowledge through hands on experience. To
670	Organic Farming	CUOF2230	2020	Production of organic vegetables & fruits- Entrepreneurship& skill dev
671	Certification and Inspection Systems in	CUOF2231	2020	To understand about the quality and safety standards of organic goods-Employment
672	Biopesticides and Biofertilizers	CUOF2232	2020	To understand the production of Bio fertilizers i.e. VAM, PSB, AZACTOBACTER-
673	Organic production-field crops	CUOF2233	2020	To understand about the quality and safety standards of organic field crops-
674	Organic production-horticultural crops	CUOF2234	2020	To understand about the quality and safety standards of organic horticultural crops-

675	Biofertilizer and Biopesticide	CUOF2235	2020	Understanding the techniques involved in biopesticide and biofertilizer production:
676	AELP Project	CUOF2236	2020	To promote professional skills and knowledge through hands on experience. To
677	Breeding methods: conventional and	CUSP2260	2020	Gaining expertise in breeding of varieties ofVegetable, Tuber and Spice Crops -
678	Seed production of vegetable and cereals	CUSP2261	2020	Gaining expertise in seed production of cereal crops- Entrepreneurship & skill
679	Seed certification	CUSP2262	2020	Understanding the process of certification of new seed varieties: Employability
680	Hybridization techniques	CUSP2263	2020	Understand the principles of hybridization and its implementation in crop
681	Vegetable Seed production	CUSP2264	2020	Understanding and hands on training work with different vegetable seed production:
682	Cultivar purity and seed quality testing	CUSP2265	2020	Gaining expertise in seed quality testing of pure cultivars - Entrepreneurship & skill
683	AELP Project	CUSP2266	2020	To promote professional skills and knowledge through hands on experience. To
684	Molecular Genomics	CUGE2273	2020	Understanding the principles of molecular biology. Production of genetically modified
685	Plant Tissue Culture Technologies	CUGE2274	2020	Learning about cultures for purity and rapid multiplication of planting materials: Skill,
686	Techniques in Molecular Biology	CUGE2275	2020	Employment:Production of genetically modified varieties using advanced molecular
687	AELP Project	CUGE2276	2020	To promote professional skills and knowledge through hands on experience. To
688	Development of Personalized Food	CUNU2283	2020	Employment:Production of nutritional enriched foods
689	Development of Biopesticides and	CUNU2284	2020	Understanding the techniques involved in biopesticide and biofertilizer production:
690	Development of Immune Boosters	CUNU2285	2020	understanding the methods involved in the development of immune boosters
691	AELP Project	CUNU2286	2020	To promote professional skills and knowledge through hands on experience. To
692	Applied hi-tech horticulture	CUAG2290	2020	Production of high value crops under controlled environment- Entrepreneurship &
693	Protected cultivation of vegetable crops	CUAG2291	2020	Production of high value crops under controlled environment- Entrepreneurship &
694	High-tech fruit culture	CUAG2292	2020	Production of high value crops under controlled environment- Entrepreneurship &
695	Management of high-value cut-flowers	CUAG2293	2020	Production of high value crops under controlled environment- Entrepreneurship &
696	Management of crops in hydroponics	CUAG2294	2020	Production of high value crops under controlled environment- Entrepreneurship &
697	Use of smart tools for precision crop	CUAG2295	2020	Production of high value crops under controlled environment- Entrepreneurship &

698	AELP Project/Industrial	CUAG2296	2020	To promote professional skills and knowledge through hands on experience. To
699	Applied hi-tech horticulture	CUPH2300	2020	Production of high value crops under controlled environment- Entrepreneurship &
700	Protected cultivation of vegetable crops	CUPH2301	2020	Production of high value crops under controlled environment- Entrepreneurship &
701	High tech fruit culture	CUPH2302	2020	Production of high value crops under controlled environment- Entrepreneurship &
702	Production technology of cut	CUPH2303	2020	understanding the Scope and importance of cut and loose flowers- Entrepreneurship &
703	Protected floriculture	CUPH2304	2020	Production of high value floriculture crops under controlled environment-
704	Production management of	CUPH2305	2020	Understanding the importance and practices for production technology of medicinal and
705	AELP Project	CUPH2306	2020	To promote professional skills and knowledge through hands on experience. To
706	Agri Food Markets and Value Chain	CUAB2320	2020	Employment:bring agricultural product from production in the field to final consumption,
707	Agri Input Marketing	CUAB2321	2020	Skill: promotes professional marketing skills & knowledge to the participants, important
708	Rural Haat and Market Analysis	CUAB2322	2020	To understand the scenario and marketing strategies at rural haat- Entrepreneurship &
709	Community Owned and Managed Agri	CUAB2323	2020	To gain knowledge of community based farming and product development-
710	Agri Warehouse Management	CUAB2324	2020	To gain knowledge on food grain storage and its management at ware house- Employability
711	Sales and Distribution of Agrifood Products	CUAB2325	2020	To gain knowledge on sales and distribution of agri food products-Entrepreneurship and
712	Storage Entomology	CUFS2330	2020	Employment:Post harvest storage of fruits and vegetables with management practices
713	Seed pathology	CUFS2331	2020	Skill and employment: Future storage of various seeds under protected condition.
714	Post-harvest biochemistry and	CUFS2332	2020	Skill:Detection of Biochemical and physiological alterations at post harvest
715	Recent trends in post-harvest technology	CUFS2333	2020	To gain knowledge and updates of recent advancement in post harvest technology of
716	Pest management techniques in storage	CUFS2334	2020	To understand about different possible pest responsible for post harvest losses and their
717	Post-harvest storage of fruits and	CUFS2335	2020	To understand about the differnt factors responsible for post harvest losses and
718	AELP Project	CUFS2336	2020	To promote professional skills and knowledge through hands on experience. To
719	Milk Processing in Dairy Industry	CUDP2240	2020	Entrepreneurship: Understanding the process of milk based product development.
720	Dairy Starters in Fermented Milk	CUDP2241	2020	Entrepreneurship: Understanding the process of milk based product development.

721	Quality Assurance in Dairy Industry	CUDP2242	2020	Employment:Quality check of milk based products under govt. norms
722	Dairy Products Development	CUDP2243	2020	Entrepreneurship: Understanding the process of milk based product development.
723	Synbiotic Dairy Foods	CUDP2244	2020	Entrepreneurship: Understanding the process of probiotic and prebiotic dairy
724	Project/Industrial internship	CUDP2246	2020	Employability and skill.
725	Post harvest handling and processing of fish	CUFT2350	2020	Entrepreneurship:Post harvest handling and processing of fish and shellfish
726	Design, maintenance of fish processing	CUFT2351	2020	Entrepreneurship:Development and maintenance of fish processing plants
727	Quality assurance, management and	CUFT2352	2020	Skill and employment:involves quality assurance of fish and fish based products
728	Fish and shellfish waste management	CUFT2353	2020	Skill and Employability:To gain knowledge on various fish and shell fish byproducts,and
729	Microbiological analysis of fish and	CUFT2354	2020	Skill and employability:To gain knowledge on sampling,processing and detection of
730	Biochemical analysis of fish and fisheries	CUFT2355	2020	Skill and employment:To familiarize with different fish physiochemical quality
731	Preparation of different fisheries	CUFT2356	2020	Skill and employment:To teach scientific techniques of fish processing and value
732	Intensive Fish Rearing	CUAQ2250	2020	Skill & Entrepreneurship- To gain knowledge on intensive fish farming
733	Ornamental Fish Farming	CUAQ2251	2020	Skill & Entrepreneurship- to gain knowledge on marketing opportunity and scope of
734	Biofloc Aquaculture	CUAQ2252	2020	Skill & Entrepreneurship- To gain knowledge on recent advancement in fish farming and
735	Framing of SOPs for Intensive fish culture	CUAQ2253	2020	Skill & Entrepreneurship- To gain knowledge on SOP framing in intensive fish farming
736	Health Management in Aquaculture	CUAQ2254	2020	Skill, employability & Entrepreneurship- To learn the procedures of health management
737	Feed Management in Aquaculture	CUAQ2255	2020	Skill & Entrepreneurship-To gain knowledge on feed management in aquaculture
738	Aquaculture rearing	CUAQ2256	2020	Skill & Entrepreneurship-To gain knowledge on the techniques involved in aquaculture
739	Principles and practices of weed	MAAG 1102*	2017	Skill development: Identification of different weeds and their control which in turn would
740	Principles and practices of water	MAAG 1103*	2017	Skill development: The students can learn about judicious water management using
741	Agronomy of major cereals and pulses	MAAG 1204*	2017	Skill development: Students gain an insight into the different package and practices for
742	Agronomy of oilseed, fibre and sugar crops	MAAG 1205*	2017	Skill development: Students gain an insight into the different package and practices for
743	Cropping systems and sustainable	MAAG 1206*	2017	Skill development: The students acquire knowledge about different cropping systems

744	Dry land farming and watershed	MAAG2107*	2017	Skill development: On the basis of climatic situations, students will learn raising of
745	Master's seminar	MAAG1291*	2017	To exploit newly evolved research techniques for enhancing the traits in
746	Soil fertility and fertilizer use	MASA1101	2017	Skill development: Students gain knowledge on the application of fertilizers and soil
747	Management of problem soils and	MASA1202	2017	Skill development: students study different methods for the reclamation of problematic
748	Statistical methods for applied sciences	MAST 2102	2017	Skill: To exploit various statistical tools as well as techniques to compile raw data for
749	Experimental designs	MAST 1201	2017	The students can analyze the data of field experiments and interpret the same in the
750	Library and information services	MALI1101	2017	Skill development: To gain knowledge on the utilization of library resources for the research
751	Technical writing and communication	MACS1101	2017	Skill development: learn the style and skill of writing technical papers
752	Intellectual property and its management	MAIP 1201	2017	Employability and Skill development: students get an overall idea of IPR and their
753	Basic concepts in laboratory techniques	MALT1201	2017	Skill: students do learn the usage of different laboratory equipments along with the
754	Agricultural research, research ethics and	MAAR2101	2017	Employability and Skill development: Acquire knowledge for research ethics and
755	Production technology of cool	MAVS 1101*	2017	Skill: The students can train others as well as the knowledge can be implemented for carrying out research in collaboration with various government and non-government
756	Production technology of warm	MAVS 1102*	2017	
757	Breeding of vegetable crops	MAVS 1103*	2017	Research: can carry out research to generate new varieties further leading to
758	Production technology of under	MAVS 1205*	2017	Entrepreneurship and research to conserve the fading races thereby promoting the
759	Seed production technology of	MAVS 2106*	2017	Entrepreneurship, skill and research: Development of quality seeds and planting
760	Fundamentals of processing of	MAVS 2108*	2017	Entrepreneurship and skill: To utilize the knowledge in various processing units
761	Post harvest technology for fruit	MAFS1205	2017	Entrepreneurship and skill
762	Principles of plant breeding	MAGP1103	2017	Research: can carry out research to generate new varieties which further lead to
763	Principles and practices of water	MAAG1103	2017	Skill and research: To learn the judicious utilization of water during various
764	Principles of genetics	MAGP 1101*	2017	Practical skills and concepts leading to research to generate high yielding varieties.
765	Principles of cytogenetic	MAGP 1102*	2017	Practical skills and concepts leading to entrepreneurship and research to generate
766	Principles of plant breeding	MAGP 1103*	2017	Technical skills leading to research

767	Principles of quantitative genetics	MAGP 1204*	2017	Technical Skills leading to research in quantitative genetics
768	Heterosis breeding	MAGP2107	2017	expertise leading to research in breeding .
769	Biotechnology for crop improvement	MAGP 1206*	2017	Research and skill: To raise new crop varieties using the tools of molecular biology
770	Master's Seminar	MAGP 2191*	2017	It is a skill to bring forward the problems as well as solutions to combat the problems
771	Principles of biotechnology	MAMB1101	2017	Learn the tools and techniques of biotechnology and its applications
772	Techniques in molecular biology I	MAMB1205	2017	Skill: Students learn the techniques of molecular biology and further carry out
773	Genomics and proteomics	MAMB 2110	2017	Research and entrepreneurship: The tools and techniques of both the sciences help the
774	Development perspectives of	MAEX1101*	2017	Employability: Some concepts in this course and the rural development programs can
775	Development communication and	MAEX1102*	2017	Skill and research: students can learn the skills and involve in research activities
776	Diffusion and adoption of	MAEX1103*	2017	Research: Students can carry out research on adoption and diffusion of innovations
777	Gender sensitization for development	MAEX1105*	2017	Research and employability: provide them an opportunity to work in sectors relating to
778	Research methods in behavioral sciences	MAEX 1206*	2017	Students get an opportunity to learn the basic concepts of research
779	e-Extension	MAEX 1207*	2017	Skill: Students can learn the usage of various tools related to ICT activities and further
780	Market led extension management	MAEX 1208*	2017	Entrepreneurship: students can learn the marketing and entrepreneurial skills
781	Human Resource Development	MAEX 2109*	2017	Skill: Students can learn the skills of studying human behaviour leading the management
782	Agricultural Marketing & Price Analysis	MAAE 1201	2017	Entrepreneurship: students can learn the marketing skills and serve as entrepreneurs
783	Agricultural Finance and Project	MAAE 2102	2017	Entrepreneurship and research: Students can learn the basic concepts of agricultural
784	Statistical methods for social sciences	MAST 1203	2017	Skill: Students can learn the usage of different stastical tools that in turn would
785	Non-Parametrics	MAST 2104	2017	Skill: Students can learn the usage of different non parametrics such as descriptive
786	Participatory methods for technology	MAEX1104	2017	Skill and employability: students can learn the basic concepts of participatory
787	Entrepreneurship Development and	MAEX2110	2017	Entrepreneurship: Students do learn the entrepreneurial skills which ultimately
788	Taxonomy of Shellfish	FSRM1102	2017	Gain knowledge about the morphometric and meristic character of shellfish for
789	Fish Food Organisms	FSAQ2109	2017	Learn and practice the nutritional requirements of fish/shellfish larvae and

790	Aquatic Ecology, Biodiversity and	FSEM2106	2017	Study the coastal resources, integrated coastal zone management strategies to
791	Freezing Technology	FSPT2103	2017	Understanding the different types of low temperature preservation, handling, storage
792	Genetics and Breeding	FSAQ2111	2017	Gain knowledge on genetic basis of inheritance and breeding plans for
793	Fish Immunology	FSHM2106	2017	Study the types of immunity, antigen-antibody interactions and learn the
794	Fisheries Economics	FSEE2102	2017	Learning the interface between economics and effective management decisions for
795	Coastal Aquaculture and Mariculture	FSAQ2204	2017	To gain knowledge in establishing and managing different fish/shellfish farming
796	Fish Nutrition and Feed Technology	FSAQ2208	2017	Practical knowledge of feed formulation and different feed processing techniques and
797	Fish Packaging Technology	FSPT2205	2017	Learn the different types of packaging, importance of packaging in fish processing,
798	Fish and Shellfish Pathology	FSHM2201	2017	Study fish and shellfish pathogens, their control measures and treatments.
799	Fishing Craft Technology	FSFE2203	2017	Study the operation of various types of traditional and mechanised fishing craft,
800	Fisheries Extension Education	FSEE2207	2017	Acquire skills required to practice various fisheries extension approaches, the transfer
801	Shellfish Hatchery Management	FSAQ2206	2017	Practical skills of seed production and hatchery management of commercially
802	Communication Skills and Personality	FSEE2208	2017	Students will improve interpersonal skills, active listening and responding skills,
803	Intensive Fish Rearing	CUAQ 2250	2020	To enable students intensive production of commercially important fishes in different
804	Ornamental fish farming	CUAQ 2251	2020	Aim to Familiar students with ornamental fish culture and aquarium management- Self
805	Biofloc Aquaculture	CUAQ 2252	2020	To maintaining biofloc culture system with latest technological advancements-Self
806	Framing of SOPs for intensive fish culture	CUAQ 2253	2020	Aim to familiar students with SOPs for fish feed Management and Plant Nutrient
807	Health Management in aquaculture	CUAQ 2254	2020	To enable students fish health managements Clinical signs, symptoms and treatment for
808	Feed Management in Aquaculture	CUAQ 2255	2020	To make practice and familiar with Identification of Suitable locally available
809	Aquaculture Rearing	CUAQ 2256	2020	To provide students with a good understanding of aquaculture rearing and
810	Introduction to Forensics, Psychology,	CUTM1634	2020	Skill : Student will gain knowledge of Laws, Assessment of Deception and Statistical
811	Instrumental Techniques	CUTM1635	2020	Skill & Employability : Student will perform analysis of various samples by using
812	Crime Scene Management and	CUTM1636	2020	Skill & Employability : Skill to reconstruct crime scene. Student process the simulated

813	Finger prints and Questioned	CUTM1637	2020	Skill, Employability & Entrepreneurship, : Student develops latent fingerprints and lift
814	Business Communication	CUTM1638	2020	Skill : Improvisation in Vocubalary Skills & Personality Development, Improving
815	Quality Management, Narcotic Drugs,	CUTM1639	2020	Skill & Employability : Student learn and perform examination of NDPS drugs and
816	Forensic Biology and Forensic Medicine	CUTM1640	2020	Skill : Student gains knowledge about basics of Human Anatomy, Physiology & Forensic
817	Forensic Serology and DNA Profiling	CUTM1641	2020	Skill & Employability : Students perform experiments to detect the presence of
818	Forensic Toxicology and Pharmacology	CUTM1642	2020	Skill & Employability, : Student isolate and Extract poisons\ Drugs from samples and
819	Forensic Ballistics and Computer Forensics	CUTM1643	2020	Skill & Employability : Student gains knowledge about various aspects of
820	Pharmacology and Pharmaceutical Drug	CUTM1647	2020	Employability : Students do qualitative and quantative analysis of Phramaceutical drug
821	Concepts of Toxicology	CUTM1648	2020	Skill & Employability, : Students do analysis of various poison such as metallic poison,
822	Modern and Applied Analytical Forensic	CUTM1649	2020	Skill & Employability : Student performs analysis of Various Cases in Forensic
823	Molecular Biology and Genetics	CUTM1644	2020	Skill & Employability : Student performs serological analysis, quantification of DNA,
824	Biotechnology in Pharmaceutical	CUTM1645	2020	Skill & Employability, : Student studies about recombimant DNA Technology, Quality
825	Environmental Biotechnology	CUTM1646	2020	Skill & Employability, : Student performs practicals to detect pollutants in samples &
826	Assignment	CUTM1656	2020	Skill : Student study various cases where forensic science played significant role in
827	Seminar	CUTM1657	2020	Skill : Student takes up cases and topics relevant to their specialization subjects and
828	Principles of Information Security	CUTM1618	2020	Employability-Focus on the CIA models, tools, and techniques for enforcement of
829	Digital Forensics	CUTM1619	2020	Employability -Focus on analysis and assessment of risk assesment process &
830	Computer Networks	CUTM1620	2020	Skill Development , Employability-Learning about computer network & network security
831	Cyber Crime & Investigations	CUTM1621	2020	Skill Development,Employability-Learning about Analytical Skills,Comprehension of
832	Intellectual Property Rights	CUTM1622	2020	Employability-Making the students aware of their rights for the protection of their
833	Number theory &Cryptography	CUTM1623	2020	Skill Devlopment,Employability-implement and analyse algorithms for integer
834	Advanced Information Security	CUTM1624	2020	Skill Development, Employability-Focus on the CIA models, tools, and techniques for
835	Cyber Forensics	CUTM1625	2020	Skill Development, Employability-Focus on analysis and assessment of risk assesment

836	System and Network Security	CUTM1626	2020	Skill Development, Employability-Gaining practical experience in installation,
837	Cyber Law	CUTM1627	2020	Entrepreneurship-Cyber law is associated with all the areas of business & law which have a
838	Mobile Security Analysis	CUTM1628	2020	Entrepreneurship-Learning of protection of portable devices such as laptops,
839	IT Governance, Risk and Compliance	CUTM1629	2020	Entrepreneurship-strategy for managing an organization's overall governance, enterprise
840	Business Continuity Planning (BCP) And	CUTM1630	2020	Skill Development-Learning how to reduce the overall risk & manage the company
841	Penetration Testing & Vulnerability	CUTM1631	2020	Employability-uncover vulnerabilities in a network and recommend the appropriate
842	Digital Frauds	CUTM1632	2020	Employability-Learning of collecting, investigating, preserving, and presenting
843	Project/Dissertation	CUTM1633	2020	Employability-Research , Development methodology
844	Basics of forensic sciences	CUTM1659	2020	Skill : Student gains knowledge about fundamentals of forensic science,
845	Crime and society	CUTM1660	2020	Skill : Student studies basic concepts of criminology, criminal profiling, types of
846	English	CUTM1673	2020	skill : Learns to communicate fluently in different business situation, effective oral
847	Criminal law	CUTM1661	2020	Skill : Student studies criminal procedure code, IPC, IEA, constitutions of india, acts
848	Forensic Psychology	CUTM1662	2020	Skill : Student gains knowledge about fundamental concepts of forensic
849	Forensic Dermatoglyphics	CUTM1663	2020	Employability & skill : Student locates, develops, lifts and compares fingerprint for
850	Technological methods in forensic	CUTM1664	2020	Employability & skill : Student uses chromatographic methods to separate
851	Criminalistics	CUTM1665	2020	Employability & skill : Students visit the simulated crime scene and documents the
852	Introduction to biometry	CUTM1675	2020	Skill & Employability : Student learns the basics of biometry, classification and
853	Handwriting identification and	CUTM1676	2020	Skill & Employability : Student learns importance features in handwriting
854	Forensic ballistics	CUTM1669	2020	Employability & skill : Student learns classification of firearms, firing mechanism,
855	Forensic toxicology	CUTM1670	2020	Employability & skill : significance of toxicological studies in forensic sciences,
856	Forensic serology	CUFS2412	2020	Skill & Employability : Student learns significance of serological evidences such as
857	Audio recognition and video analysis	CUFS2415	2020	Skill & Employability : Learns principle of voice production, forensic significance
858	Forensic Anthropology	CUTM1671	2020	Skill : Student develops skill to identify skeletal remains and estimate age, sex, race

859	Forensic Medicine	CUTM1672	2020	Skill : Student develops skill to ascertain the cause of death, time since death and learns
860	Accident Investigations	CUFS2413	2020	Employability : Student lifts the tire impressions and analyse them for
861	Explosives Analysis and Post Blast	CUFS2416	2020	Skill & Employability : Student learns about management of bomb scene and performs
862	Advanced Ophthalmic Diagnostic Procedures	CUTM1961	2021	Deals with advance practice of ophthalmic instruments, their handling procedures and
863	Epidemiology and Community	CUTM1962	2021	Deals with study about the worldwide prevalence of common eye disorders and
864	Introduction to LASER Technology	CUTM1963	2021	make students appreciate the fundamentals of lasers and their diversified applications.
865	Laser in Refractive Surgery	CUTM1964	2021	make students appreciate the fundamentals of lasers in refractive surgery
866	Orthoptics and Vision Therapy	CUTM1965	2021	giving the detailed in-depth knowledge about the orthoptics and various vision
867	Advanced contact lens practice -I	CUTM1966	2021	deals with in depth study about basic contact lens practice in light with the latest
868	LASER in Anterior segment disorders &	CUTM1967	2021	to make students appreciate the fundamentals of lasers used in anterior
869	Paediatric Optometry and binocular Vision I	CUTM1968	2021	In-depth knowledge about paediatric care and binocular vision functions in
870	Research Methodology	CUTM1721	2021	To equip students with a basic understanding of the underlying principles of
871	Business and Clinical Aspects of Optometry	CUTM1958	2021	deals with the business aspect of optometrical practice.
872	Analytical Techniques	CUTM1709	2020	Understanding the working principle of Common instruments used in a diagnostic
873	Biological Chemistry	CUTM1710	2020	demonstrate an understanding of fundamental biochemical principles, such as
874	Clinical Hematology	CUTM1712	2020	Differentiate various hematological procedures and the use of basic equipment
875	Clinical Pathology	CUTM1715	2020	Pathological investigations of urine, stool and other biological specimen: Employability/
876	Cell and Molecular Biology	CUTM1714	2020	understand the mechanism of gene expression and protein synthesis;
877	Clinical Biochemistry	CUTM1718	2020	Understanding of principle of biochemical Clinical biochemistry tests; to study about
878	Histology	CUTM1720	2020	Special staining procedures & handling & testing of various cytological specimens:
879	Systemic Bacteriology	CUTM1713	2020	Conceptual basis for understanding pathogenic microorganisms and the
880	Applied microbiology	CUTM1717	2020	Microbiology in diagnostics, hospitals and community: Employability/ Enterpreunership/
881	Medical Parasitology and Mycology	CUTM1716	2020	Identification of pathogenic parasite and fungus in disease diagnosis and treatment:

882	Immunology & Virology	CUTM1719	2020	Immunological investigations and viral diagnosis: Skill dev. & Employability
883	Clinical Bacteriology	CUTM1722	2020	Diagnosis of bacteria from infective regions of the body: Skill dev. & Employability
884	Mini Project	CUTM1754	2020	Research paper publication/ case study/ clinical study/ community service/ survey:
885	Project	CUTM1756	2020	Working on a disease/ disorder specific assignment to fill the research gap in the
886	Internship	CUTM1755	2020	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
887	Medical Laboratory Technology	CUTM1723	2020	Quality management in diagnostic division: Employability/ Enterpreunership
888	Blood Banking	CUTM1725	2020	Perform phlebotomy and related donor room activity in blood bank: Skill dev and
889	Health Programme in India	CUTM1726	2020	Perform as a health care team manager: Employability/ Enterpreunership
890	Medical Microbiology	CUTM1724	2020	Demonstrate practical skills in the use of tools, technologies and methods common to
891	Immunology & Parasitology	CUTM1728	2020	To diagnose the immunological investigations and parasites: Skill dev. &
892	Advanced Hematology	CUTM1727	2020	Compare and contrast hematology values under normal and abnormal conditions: Skill
893	General Anatomy	CUTM1757	2021	Comprehend the normal disposition, inter-relationships, gross, functional and applied
894	General Physiology	CUTM1758	2021	Know the physiological principles underlying pathogenesis of disease: Employability
895	Cell Biology	CUTM1729	2021	Understand cell signaling and how it regulates cellular functions. Also how its dis-
896	Microbiology	CUTM1733	2021	Knowing the Nature or Physiology of Disease causativ Organisms
897	Pharmacology	CUTM1813	2021	Understanding the Pharmokinetics and Pharmacodynamics of the drugs used by
898	Medical Law and Ethics	CUTM1734	2021	Apply local, state, and federal standards and regulations for the control and use of health
899	Introduction to Quality and Patient	CUTM1753	2021	Understand policy related to managing lab and infection control:Employability/ Skill/
900	Medical Laboratory Management	CUTM1751	2021	Recognize the role of clinical laboratory scientist in the assurance of quality health
901	Basic Computer and Information Science	CUTM1742	2021	Understand the difference between an operating system and an application
902	Basics of Nursing	CUTM1815	2020	Understand the basics of Nursing Processes, first Aid and Emergencies, and OT
903	Introduction to anesthesia and OT	CUTM1816	2020	Understanding the importance of anesthesia,Machine breathing
904	Medical Instrumentation and	CUTM1730	2020	handling instruments required in Medical Laboratory set up: Skill dev. & Employability &

905	Immunology	CUTM1736	2020	Understanding the concept of Innate & adaptive immune system; performing
906	Molecular Biology	CUTM1737	2020	Basic techniques applicable in Molecular Biology: Skill dev/ Employability
907	Hematology	CUTM1731	2020	Differentiate various laboratory test findings with their associated clinical conditions:
908	Systemic Virology & Mycology	CUTM1735	2020	Understanding pathogenic microorganisms and the mechanisms by which they cause
909	Analytical Biochemistry	CUTM1738	2020	Learning various tests carried out for biochemical analysis & Hormone
910	Public Health Microbiology	CUTM1740	2020	Understanding the role of microbiologist in public health: Employability
911	Pharmaceutical Microbiology	CUTM1739	2020	understanding of different types of disinfectants/antiseptics and their uses,
912	Industrial Microbiology	CUTM1741	2020	Enhances analytic ability of various physical parameters which affect production of
913	Epidemiology	CUTM1746	2020	Apply the terminology of the Epidemiologic Triad to an infectious disease: Employability
914	Diagnostic Bacteriology	CUTM1747	2020	Lab diagnosis for Enteric infection, Respiratory tract Infection, Oral & Stomach
915	Diagnostic Mycology	CUTM1745	2020	Understanding pathogenic fungi and the mechanisms by which they cause disease in
916	Diagnostic Virology	CUTM1743	2020	Collection, transportation, processing and storage of Virus: Skill dev and Employability
917	Diagnostic Parasitology	CUTM1744	2020	Collection and identification of Parasites: Skill dev and Employability
918	Applied Hematology	CUTM1749	2020	Understanding of Haemopoietic disorders and their laboratory diagnosis : Skill dev. &
919	Immunopathology	CUTM1750	2020	organization and functioning of the immune system, their diagnostic tests described on
920	Parasitology	CUTM1748	2020	Identification of pathogenic parasite in disease diagnosis and treatment: Skill dev.
921	Mycology & Virology	CUTM1752	2020	Plan and execute investigations relating to fungi to virus: Skill dev and Employability
922	BIOLOGY	CUTM1760	2020	understand how these cellular components are used to generate and utilize energy in
923	MATHEMATICS	CUTM1761	2020	represent linear systems by matrices and solve them for unknown variables: Skill
924	BASIC BIOCHEMISTRY	CUTM1759	2020	The students become conversant with the Fundamentals of Biochemistry which can be
925	RADIOGRAPHIC TECHNIQUE -1	CUTM1767	2020	Position the tube; give instructions to the patient; assist radiologist in various
926	BASIC OF MAGNETIC RESONANCE IMAGING	CUTM1776	2020	Understand patient positioning during the MRI procedure of different organ system to
927	OCULAR ANATOMY	CUTM1782	2020	Comprehend the basic structure and connections between the various parts of

928	GEOMETRIC OPTICS	CUTM1781	2020	predict the basic properties of the images formed on the retina by the optics of the
929	OCULAR PHYSIOLOGY	CUTM1783	2020	List out the physiological principles underlying pathogenesis and treatment of
930	INTRODUCTION TO OPTOMETRY	CUTM1785	2020	Understand the purpose of different instruments used in optometry: Employability
931	PHYSICAL OPTICS	CUTM1784	2020	Predict the distribution of light under various conditions: Employability/ Skill
932	VISUAL OPTICS I	CUTM1786	2020	Predict the basic properties of the images formed on the retina by the optics of the
933	OPTOMETRIC OPTICS I	CUTM1787	2020	Ophthalmic prism knowledge –effects, units, base-apex notation, compounding and
934	OCULAR DISEASES I	CUTM1788	2020	Diagnostic approach and management of the ocular diseases: Employability
935	OCULAR MICROBIOLOGY AND	CUTM1789	2020	Knowledge of pathological processes utilized in the investigation, management and
936	CLINICAL EXAMINATION OF	CUTM1790	2020	Knowledge on the purpose of each test, its indications and contraindications and will be
937	VISUAL OPTICS II	CUTM1791	2020	Theoretical knowledge and practical skill on visual acuity measurement, objective and
938	OPTOMETRIC OPTICS II & DISPENSING	CUTM1792	2020	Facial measurements - Interpupillary distance measurement and measuring
939	OCULAR DISEASES II	CUTM1794	2020	Diagnostic approach, and management of the ocular diseases: Employability
940	CONTACT LENS- I	CUTM1793	2020	Ability to finalize the CL design for various kinds of patients and Recognize various
941	CONTACT LENSES II	CUTM1795	2020	Special cases CL fitting; Identify and manage the adverse effects of contact lens:
942	BINOCULAR VISION I	CUTM1796	2020	Depth perception; Binocular optical defects; Basic binocular evaluation: Employability/ Skill
943	LOW VISION AND REHABILITATION	CUTM1797	2020	Optical, Non-Optical, Electronic, and Assistive devices; Training for Low Vision
944	BASIC & OCULAR PHARMACOLOGY	CUTM1798	2020	Commonly used ocular drugs, mechanism, indications, contraindications, drug dosage
945	BINOCULAR VISION II	CUTM1799	2020	Identify non strabismic anomalies related to accommodation & convergence:
946	PEDIATRIC & GERIATRIC	CUTM1800	2020	Be able to dispense spectacles with proper instructions; Adequately gained knowledge
947	SYSTEMIC DISEASES AND EYE	CUTM1801	2020	Ocular findings of the systemic conditions: Employability
948	OCCUPATIONAL OPTOMETRY	CUTM1802	2020	To be able to prescribe suitable corrective lenses and eye protective wear:
949	LAW AND OPTOMETRY	CUTM1805	2020	Universal consensus that legal and ethical considerations are inherent and inseparable
950	PUBLIC HEALTH & COMMUNITY	CUTM1804	2020	Organize health education programmes in the community; Vision screening for various

951	OPTOMETRIC INSTRUMENTS	CUTM1803	2020	Gain theoretical knowledge and basic practical skill in handling the advanced
952	PROJECT	CUTM1809	2020	Working on a disease/ disorder specific assignment to fill the research gap in the
953	INTERNSHIP	CUTM1810	2020	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
954	Human Anatomy and Physiology I – Theory	BPHT1101	2017	Skill-Employability- Hand on practice on various clinical aspects of human physiology
955	Pharmaceutical Analysis I – Theory	BPHT1102	2017	Skill-Employability-Use the techniques, skills, and modern pharmaceutical instruments
956	Pharmaceutics I – Theory	BPHT1103	2017	Skill- Employability- Entrepreneurship - Understand the impact of pharmaceutical
957	Pharmaceutical Inorganic Chemistry –	BPHT1104	2017	Skill- Employability- Students can prepare various Pharmaceutical dosage form
958	Communication skills – Theory *	BPHT1105	2017	Skill- Students can improve their communication Skill
959	Remedial Biology – Theory*	BPHT1106	2017	Employability- Apply knowledge of basic science and pharmacy
960	Remedial Mathematics –	BPHT1107	2017	Employability- Apply knowledge of basic science and pharmacy
961	Human Anatomy and Physiology – Practical	BPHL1101	2017	Skill-allows Students to verification of physiological processes discussed in theory
962	Pharmaceutical Analysis I – Practical	BPHL1102	2017	Skill- Employability- Students can assay ,preparaed and standarized various Heavy
963	Pharmaceutics I – Practical	BPHL1103	2017	Skill- Employability- Students can prepare various Pharmaceutical dosage form
964	Pharmaceutical Inorganic Chemistry –	BPHL1104	2017	Skill- Students can perform purity test on drugs or chemicals
965	Communication skills – Practical*	BPHL1105	2017	Skill- Students can improve their communication Skill
966	Remedial Biology – Practical*	BPHL1106	2017	Skill- Students can learn about structure and functional system of plant and animal
967	Human Anatomy and Physiology II – Theory	BPHT1201	2017	<small>Skill-Employability- Hand on practice on various clinical aspects of human physiology and also able to perform different types of experiments</small>
968	Pharmaceutical Organic Chemistry I –	BPHT1202	2017	Skill-Employability- synthesis, characterization of synthetic formulation
969	Biochemistry – Theory	BPHT1203	2017	Employability- Apply knowledgeand concept of basic science and pharmacy and also able
970	Pathophysiology – Theory	BPHT1204	2017	Skill-Employability-student get to know about various communicable diseases and
971	Computer Applications in	BPHT1205	2017	Skill-Employability-Buiding compitancy in programme coding, various softwares,
972	Environmental sciences – Theory *	BPHT1206	2017	<small>Employability- student get to know about basic knowledge about the environment and its allied problems</small>
973	Human Anatomy and Physiology II	BPHL1201	2017	<small>Skill- allow the verification of physiological processes discussed in theory classes through experiments on living tissue, intact animals or normal human beings</small>

974	Pharmaceutical Organic Chemistry I –	BPHL1202	2017	Skill-Students can do qualitative analysis and synthesis of Organic Compound
975	Biochemistry – Practical	BPHL1203	2017	Skill- Students can demonstrate different Biochemical Test
976	Computer Applications in	BPHL1204	2017	Skill-Allows students to details with Database, Database Management
977	Pharmaceutical Organic Chemistry II –	BPHT2101	2017	Skill-Employability- synthesis, characterization of synthetic formulation
978	Physical Pharmaceutics I –	BPHT2102	2017	Skill- Employability- formulate and solve complex pharmaceutical problems in
979	Pharmaceutical Microbiology – Theory	BPHT2103	2017	Skill- Employability- Carried out sterility testing, microbiological standardization of
980	Pharmaceutical Engineering – Theory	BPHT2104	2017	Skill -Employability- Enterprenurship- students can able to understand and perform
981	Pharmaceutical Organic Chemistry II –	BPHL2101	2017	Skill-Stuents can do qualitative analysis and synthesis of Organic Compound
982	Physical Pharmaceutics I –	BPHL2102	2017	Skill- Allows student to get a better insight into various areas of
983	Pharmaceutical Microbiology –	BPHL2103	2017	Skill- Allows students to study of all categories of microorganisms especially for
984	Pharmaceutical Engineering –Practical	BPHL2104	2017	Skill- Students can get fundamental knowledge on the art and
985	Pharmaceutical Organic Chemistry III–	BPHT2201	2017	<small>Skill-Employability- synthesis, characterization of synthetic formulation and solve complex pharmaceutical problems in research and development sector.</small>
986	Medicinal Chemistry I – Theory	BPHT2202	2017	Employability students get to know about the chemistry, pharmacological activity,
987	Physical Pharmaceutics II –	BPHT2203	2017	Skill- Employability- formulate and solve complex pharmaceutical problems in
988	Pharmacology I – Theory	BPHT2204	2017	skill-Employability- student get to know about correlation of pharmacology with
989	Pharmacognosy and Phytochemistry I–	BPHT2205	2017	Skill - Students can do identification and evaluation, phytochemicals
990	Medicinal Chemistry I – Practical	BPHL2201	2017	Skill - Students can get fundamental knowledge on the structure,
991	Physical Pharmaceutics II –	BPHL2202	2017	Skill-student get to know better insight into various areas of
992	Pharmacology I – Practical	BPHL2203	2017	Skill -Student can Observe the effect of drugs on animals by simulated experiments
993	Pharmacognosy and Phytochemistry I –	BPHL2204	2017	Skill-Extraction and isolation of plant product ,determination of chemical parameter of
994	Medicinal Chemistry II – Theory	BPHT3101	2017	Employability students get to know about the chemistry, pharmacological activity,
995	Industrial Pharmacy– I Theory	BPHT3102	2017	Skill-Employability-Entrepreneurship- students get to design and develop process
996	Pharmacology II – Theory	BPHT3103	2017	skill-Employability- student get to know about correlation of pharmacology with

997	Pharmacognosy and Phytochemistry II–	BPHT3104	2017	Skill-Employability-Isolate, Identify, Analyze, screen and ensure quality as well as quantity
998	Pharmaceutical Jurisprudence –	BPHT3105	2017	Employability- students can able to apply knowledge in the area of pharmaceutical
999	Industrial Pharmacy I – Practical	BPHL3101	2017	Skill- Students can Formulate solid, liquid and semisolid dosage forms and evaluate
1000	Pharmacology II – Practical	BPHL3102	2017	Skill- Students can demonstrate isolation of different organs/tissues from the laboratory
1001	Pharmacognosy and Phytochemistry II –	BPHL3103	2017	Skill- Students can carryout isolation and identification of phytoconstituents
1002	Medicinal Chemistry III – Theory	BPHT3201	2017	Employability students get to know about the chemistry, pharmacological activity,
1003	Pharmacology III – Theory	BPHT3202	2017	skill-Employability- student get to know about correlation of pharmacology with
1004	Herbal Drug Technology – Theory	BPHT3203	2017	Skill-Employability- students get to know basic principles of traditional medicinal
1005	Biopharmaceutics and Pharmacokinetics –	BPHT3204	2017	Skill- Employability- student get to know about pharmacokinetic and
1006	Pharmaceutical Biotechnology –	BPHT3205	2017	Employability- Students van design and develop process to meet desired needs
1007	Quality Assurance –Theory	BPHT3206	2017	Skill-Employability- students get to know about the validation, confirmation of test
1008	Medicinal chemistry III – Practical	BPHL3201	2017	Skill- Students can do chemical synthesis of selected drugs
1009	Pharmacology III – Practical	BPHL3202	2017	Skill- Students can demonstrate the various receptor actions using isolated tissue preparation
1010	Herbal Drug Technology – Practical	BPHL3203	2017	Skill- Students can prepare herbal cosmetics, natural sweeteners,
1011	Instrumental Methods of Analysis – Theory	BPHT4101	2017	Skill-Employability- Use the techniques, skills, and modern pharmaceutical
1012	Industrial Pharmacy –II Theory	BPHT4102	2017	Skill-Employability-Entrepreneurship- students get to design and develop process
1013	Pharmacy Practice – Theory	BPHT4103	2017	Skill-Emloyability-Enterprenurship- Understanding of professional and ethical
1014	Novel Drug Delivery System – Theory	BPHT4104	2017	Skill-Employability-To Design and develop process to meet desired needs in
1015	Instrumental Methods of Analysis – Practical	BPHL4101	2017	Skill- Students can perform quantitative & qualitative analysis of drugs using various
1016	Practice School*	BPHL4102	2017	Employability- Skill- Enterprenership Sudents get to know about practice work for any
1017	Biostatistics and Research	BPHT4201	2017	Skill- students get to know the appropriate statistical methods required for a particular
1018	Social and Preventive Pharmacy	BPHT4202	2017	Skill-Employability-students get to know different preventive measures in pharmacy,
1019	Pharmaceutical Regulatory Science	BPHT4204	2017	Skill-Employability-students get to know about different regulatory bodies, Engage in

1020	Cosmetic Science	BPHT4209	2017	Skill-Employability- Students get to know the advanced current technology used for
1021	Project Work	BPHP4201	2017	Skill-Employability-Enterpreneurship-Students get to know about plan of work related to
1022	Modern Pharmaceutical	CUTM2000	2021	Skill-Employability- Use the techniques, skills, and modern pharmaceutical
1023	Pharmaceutical Formulation	CUTM2001	2021	Skill-Employability-Entrepreneurship-students get to design and develop process
1024	Novel drug delivery systems	CUTM2002	2021	Skill-Employability-To Design and develop process to meet desired needs in
1025	Intellectual Property Rights	CUTM2003	2021	Skill-Employability-students get to know about different regulatory bodies, Engage in
1026	Industrial Pharmacy Practical I	CUTM2004	2021	Skill-Students can Manufacture various dosage form
1027	Seminar/Assignment	CUTM2005	2021	Skill-Improve the communication Skills
1028	Advanced Biopharmaceutics and	CUTM2006	2021	Skill- Employability- student get to know about pharmacokinetic and
1029	Scale up and Technology Transfer	CUTM2007	2021	Skill-Employability- student can get to design to impart knowledge and skills
1030	Pharmaceutical Production	CUTM2008	2021	Skill- Employability- students can designed to impart knowledge and skills necessary to
1031	Entrepreneurship Management	CUTM2009	2021	Skill-Entrepreneurship-designed to impart knowledge and skills necessary to train the
1032	Industrial Pharmacy Practical II	CUTM2010	2021	Skill-Students can able to know the different Equipments used in Pharma industry
1033	Seminar/Assignment	CUTM2011	2021	Skill-Improve the communication Skills
1034	Modern Pharmaceutical	CUTM1583	2021	Skill-Employability- Use the techniques, skills, and modern pharmaceutical
1035	Drug Delivery System	CUTM1584	2021	Skill-Employability-To Design and develop process to meet desired needs in
1036	Modern Pharmaceutics	CUTM1585	2021	Skill-Employability-Entrepreneurship-students get to design and develop process
1037	Regulatory Affairs	CUTM1586	2021	Skill-Students can know the different drug regulatory process
1038	Pharmaceutics Practical I	CUTM1587	2021	Skill-Employability-Entrepreneurship-students get to design and develop process
1039	Molecular Pharmaceutics (Nano	CUTM1589	2021	Skill-Employability-students can design to impart knowledge on the area of advances in
1040	Advanced Biopharmaceutics &	CUTM1590	2021	Skill- Employability- student get to know about pharmacokinetic and
1041	Computer Aided Drug Delivery System	CUTM1591	2021	Skill-Employability -students get to know about the different drug designing
1042	Cosmetic and Cosmeceuticals	CUTM1592	2021	Skill-Employability- Students get to know the advanced current technology used for

1043	Pharmaceutics Practical II	CUTM1593	2021	Skill-Employability-Students can design and develop various drug delivery system
1044	Seminar/Assignment	CUTM1594	2021	Skill-Improve the communication Skills
1045	Computer Networks	CUTM1606	2021	Employability(develop knowledge on networking to handle network setup, which
1046	Software Engineering	CUTM1605	2021	Skill And Employability(Developed knowledge to develop SRS for appication,
1047	Digital Painting	CUTM3115	2021	Skill-Design and development of desktop publishing
1048	Apparel Production & Marketing	CUTM3029	2017	Employability/Skill - Practice and Project
1049	Line Stitching Supervising	CUTM3030	2017	Employability/Skill - Practice and Project
1050	Apparel Production	CUTM3031	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1051	Light Motor Vehicle Driving	CUTM3032	2017	Employability/Skill - Practice and Project
1052	Fork Lift Operation	CUTM3033	2017	Employability/Skill - Practice and Project
1053	Heavy Vehicle Technology	CUTM3034	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1054	Two Wheeler Service Technology	CUTM3035	2017	Employability/Skill - Practice and Project
1055	Four Wheeler Service Technology	CUTM3036	2017	Employability/Skill - Practice and Project
1056	E-Vehicle Assembly and Service	CUTM3037	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1057	Robotics	CUTM3038	2017	Employability/Skill - Practice and Project
1058	Poultry Farming	CUTM3039	2017	Employability/ Entrepreneurship/Skill
1059	CNC Programming (CAM)	CUTM3040	2017	Employability/Skill - Practice and Project
1060	Design Supervising Wooden and Modular	CUTM3041	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1061	Introduction to Composite	CUTM3042	2018	Employability/Skill - Practice and Project
1062	3D Modelling and Printing	CUTM3043	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1063	Precast Concrete Manufacturing	CUTM3045	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1064	Fabrication	CUTM3046	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1065	Hi-Tech Surveying	CUTM3047	2018	Employability/Skill - Practice and Project

1066	Internet of Things	CUTM3048	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1067	Mechatronics System Design	CUTM3049	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1068	Introduction to Nanotechnology	CUTM3051	2018	Employability/Skill - Practice and Project
1069	Drone Piloting	CUTM3052	2018	Employability/Skill - Practice and Project
1070	Camera Operation	CUTM3053	2018	Employability/Skill - Practice and Project
1071	Editor	CUTM3054	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1072	Desktop Publishing	CUTM3055	2018	Employability/Skill - Practice and Project
1073	Introduction to Blender and Unity	CUTM3056	2018	Employability/Skill - Practice and Project
1074	Refraction Technology	CUTM3057	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1075	Emergency Medical Technology	CUTM3058	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1076	Medical Lab Technology	CUTM3059	2019	Employability/Skill - Practice and Project
1077	Operating Theatre Technology	CUTM3060	2019	Employability/Skill - Practice and Project
1078	Radiology Technology	CUTM3061	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1079	Phlebotomy Technology	CUTM3062	2019	Employability/Skill - Practice and Project
1080	First Aid Service	CUTM3063	2019	Employability/Skill - Practice and Project
1081	General Duty Assistance Service	CUTM3064	2019	Employability/Skill - Practice and Project
1082	X- ray Technology	CUTM3065	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1083	Retail Sales	CUTM3067	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1084	Basketball	CUTM3068	2019	Employability/Skill - Practice and Project
1085	Gym Fitness	CUTM3069	2019	Employability/Skill - Practice and Project
1086	Swimming	CUTM3070	2019	Employability/Skill - Practice and Project
1087	Yoga & Meditation	CUTM3072	2019	Employability/Skill - Practice and Project
1088	Solar PV Installation	CUTM3073	2019	Employability/Skill - Practice and Project

1089	Solar Lighting Technology	CUTM3074	2019	Employability/Skill - Practice and Project
1090	Solar PV Microgrid System	CUTM3076	2019	Employability/Skill - Practice and Project
1091	Solar PV Driven Equipment O/M &	CUTM3077	2019	Employability/Skill - Practice and Project
1092	Solar Thermal Engineering	CUTM3078	2019	Employability/Skill - Practice and Project
1093	Introduction to Quantum Computing	CUTM3079	2020	Employability/Skill - Practice and Project
1094	Organic Farming	CUTM3081	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1095	Mushroom Farming	CUTM3082	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1096	Hydroponics Technology	CUTM3083	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1097	Poultry Farming	CUTM3084	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1098	Dairy Farming	CUTM3085	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1099	Vermicomposting Farming	CUTM3086	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1100	Transformer Manufacturing,	CUTM3087	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1101	Electrical Installation	CUTM3089	2020	Employability/Skill - Practice and Project
1102	Repair and Maintenance of	CUTM3090	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1103	Refrigeration and air conditioning	CUTM3091	2020	Employability/Skill - Practice and Project
1104	Super critical Co2 plant operation	CUTM3092	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1105	Business Plan Preparation	CUTM3095	2020	Employability/Skill - Practice and Project
1106	Composite fabrication practice	CUTM3098	2020	Employability/Skill - Practice and Project
1107	Powder coating practice	CUTM3099	2020	Employability/Skill - Practice and Project
1108	Farm appliances operation	CUTM3100	2020	Employability/Skill - Practice and Project
1109	Bio fertilisers preparation	CUTM3103	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1110	PCB designing & fabrication	CUTM3104	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1111	Introduction to Block Chain Technology	CUTM3105	2020	Employability/ Entrepreneurship/Skill - Practice and Project

1112	Introduction to Nutraceuticals	CUTM3106	2020	Employability/Skill - Practice and Project
1113	Introduction to NLP	CUTM3107	2020	Employability/Skill - Practice and Project
1114	Introduction to Computational	CUTM3108	2020	Employability/Skill - Practice and Project
1115	Product Life Cycle Management through	CUTM3109	2020	Employability/Skill - Practice and Project
1116	New material development with	CUTM3110	2020	Employability/Skill - Practice and Project
1117	Spectral image processing using	CUTM3111	2020	Employability/Skill - Practice and Project
1118	Satellite data processing	CUTM3112	2020	Employability/Skill - Practice and Project
1119	Working with Graphene and carbon	CUTM3113	2020	Employability/Skill - Practice and Project
1120	Adobe Tools and Illustrations	CUTM3114	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1121	Computer Installation and Maintenance	CUTM3120	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1122	3D Game Art	CUTM3121	2021	Employability/Skill - Practice and Project
1123	Drug Design using Biovia Discovery	CUTM3122	2021	Employability/ Entrepreneurship/Skill - Practice and Project
1124	Ophthalmic Lens and spectacle	CUTM3123	2021	Employability/ Entrepreneurship/Skill - Practice and Project
1125	Medical Diagnostic Techniques	CUTM3124	2021	Employability/ Entrepreneurship/Skill - Practice and Project
1126	Introduction to Aquaponics	CUTM3125	2021	Employability/Skill - Practice and Project
1127	Polyhouse Automation	CUTM3126	2021	Employability/ Entrepreneurship/Skill - Practice and Project
1128	Development of Processor (Shakti)	CUTM3127	2021	Employability/Skill - Practice and Project
1129	Spectroscopy	CUTM3128	2021	Employability/Skill - Practice and Project
1130	Extraction Technologies	CUTM3129	2021	Employability/Skill - Practice and Project
1131	Gamified DIY kits using Lasers	CUTM3130	2021	Employability/Skill - Practice and Project
1132	VR Assets Development	CUTM3131	2021	Employability/ Entrepreneurship/Skill - Practice and Project
1133	GIS and Remote Sensing: Applications	CUTM3133	2021	Employability/Skill - Practice and Project
1134	GIS and Remote Sensing: Application	CUTM3134	2021	Employability/Skill - Practice and Project

1135	3D Modelling and Printing	CUTM3135	2021	Employability/ Entrepreneurship/Skill - Practice and Project
1136	Brew Master	CUTM3142	2021	Employability/ Entrepreneurship/Skill - Practice and Project
Academic Year 2020-21				
Sl No.	Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill
1	Differential Equations and Linear Algebra	CUTM1001	2020	Skill Development(Students will know about the modelling of different engineering
2	Laplace & Fourier Transforms	CUTM1002	2020	Skill Development(Students will know to find the solution using laplace and fourier
3	Complex Analysis & Numerical Methods	CUTM1003	2020	Skill Development(Students will know to find the solution using complex integral)
4	Discrete Mathematics	CUTM1004	2020	Skill Development(Students will know about graphs, sets and logic)
5	Probability & Statistics	CUTM1005	2020	Employability (Students will know about probability distribution)
6	Calculus	CUTM1925	2020	Employability (Students will know about curvature, asymptotes)
7	Mechanics for Engineers	CUTM1006	2020	Employability (knowledge enhancement)
8	Optics and Optical Fibres	CUTM1007	2020	Employability (knowledge enhancement) / Skill development (LASER and Optical fiber
9	Applied Analytical Chemistry	CUTM1008	2020	Employability-Water softening processes, Soil Analysis, fuels, petroleum, Corrosion, Electroch
10	Applied Engineering Materials	CUTM1009	2020	Employability- Nanostructures and nanomaterials, Carbon
11	Environmental Studies	CUTM1010	2020	Employability-Environment and its multidisciplinary nature, Biodiversity and its
12	Optimisation Techniques	CUTM1011	2020	Skill Development (Students shall be able to apply the theory of optimization methods
13	Engineering Economics and	CUTM1012	2020	Skill Development (Students shall be able to apply the microeconomics concepts related
14	Project Management	CUTM1013	2020	Skill Development (Students shall be able to develop a Project Charter document for any
15	Gender, Human Rights and Ethics	CUTM1014	2020	Skill Development (Students shall be sensitive to gender, human rights and ethics
16	Climate Change, Sustainability and	CUTM1015	2020	Skill Development (Students will be exposed to current climate change issues, challenges
17	Job Readiness	CUTM1016	2020	Skill Development (Develop additional skills (verbal, logical, quantitative and reasoning)
18	Industrial IOT and Automation	CUTM1017	2020	Skill Development and Employability (the new evolution in hardware, software, and
19	Data Analysis and Visualisation using	CUTM1018	2020	Skill And Employability(Students had Created data visualizations of various data sets using

20	Machine Learning using Python	CUTM1019	2020	Skill And Employability(Implement ML algorithms that generates insight to high
21	Robotic automation with ROS and C++	CUTM1020	2020	Employability (upgrading knowledge levels of robotic application in modern industries
22	Design Thinking	CUTM1021	2020	Skill And Employability (student will be able to apply the design thinking process to
23	System Integration with DYMOLA	CUTM1022	2020	Employability (designing of high-fidelity modeling of complex integrated systems,
24	Smart Engineering Project (G2M)	CUTM1023	2020	Employability (learn different tools and collaborate together to build a smart live
25	Geotechnical Engineering	CUTM1073	2020	Employability(To obtain knowledge about soil properties and methods of soil
26	Construction Material Testing	CUTM1069	2020	Skill Development(Gain knowledge about how determine the standard quality of
27	Structural Detailing and Drawing	CUTM1061	2020	Employability(Perform free hand sketching of basic geometrical constructions and
28	Quantity Estimation & Costing	CUTM1063	2020	Skill development(Students will be able to Estimating, brick calculations & cost for
29	Geometric Modeling	CUTM1060	2020	Skill development(Students will be able to Demonstrate use of CAD in Civil
30	Hydrology and Irrigation	CUTM1071	2020	Skill development(Project oriented skills shall be gained by students to work
31	Surveying Techniques	CUTM1067	2020	Skill development(Doing centering, leveling & measuring coordinate points of area and
32	Geospatial Survey	CUTM1068	2020	Skill development(Gain knowledge about the structure of spatial data including file
33	Concrete Technology	CUTM1066	2020	Skill development(Demonstrate test and analysis of cement, aggregate, sand, effect
34	Electrical, Plumbing, and Woodwork	CUTM1065	2020	Skill development(Identify timber and perform sawing and planning using hand and
35	Design of Structure	CUTM1074	2020	Skill development(To gain the knowledge of RCC design calculation with relevant Indian
36	Road Engineering	CUTM1070	2020	Skill development(Students will gain knowledge on planning, material selection
37	Construction Materials	CUTM1064	2020	Skill development(Knowledge: Able to learn basic theory about main building- and
38	Water Supply and Sanitary Engineering	CUTM1072	2020	Skill development(To understand the principles of treatment units and their
39	Computer-Aided Engineering	CUTM1081	2020	Skill development(Students will be able to Create complete finite element models
40	Hydraulic Machinery	CUTM1090	2020	Skill development(• After completion of the course, the students will have a strong
41	Fluid Mechanics with FVM	CUTM1089	2020	Skill development(• After completion of the course, the students will able to evaluate
42	Theories of Failure analysis using FEA	CUTM1062	2020	Skill development(• Students will have knowledge and practical engineering skills in

43	Database Management Systems	CUTM1059	2020	Skill development(Design ER-models to represent simple database application
44	Programming in Java	CUTM1058	2020	Skill development(Able to use object oriented concept to solve problems
45	Remote Sensing & Digital Image	CUAS2020	2020	Skill development(Identify specific data and methodologies for effective mapping and
46	Geospatial Technology and its	CUAS2021	2020	Skill development(Identify specific data and methodologies for effective mapping and
47	Photogrammetry and its Application	CUAS2022	2020	Skill development(Identify specific data and methodologies for effective mapping and
48	Lidar Remote sensing and its Applications	CUAS2023	2020	Skill development(Identify specific data and methodologies for effective mapping and
49	Hyper-spectral Remote Sensing and	CUAS2024	2020	Skill development(Identify specific data and methodologies for effective mapping and
50	Project	CUAS2025	2020	Skill development(Identify specific data and methodologies for effective mapping and
51	Study of Drawings and Plan	CUCP2110	2020	Skill development(Students will be able to work with the latest trend of the
52	Project Scheduling &Management	CUCP2111	2020	Skill development(Students will be able to work with the latest trend of the
53	Site Study And Study on Contract Laws	CUCP2112	2020	Skill development(Students will be able to work with the latest trend of the
54	Concepts Of Quality Control and Checking	CUCP2113	2020	Skill development(Students will be able to work with the latest trend of the
55	Quantity Estimation and Equipment	CUCP2114	2020	Skill development(Students will be able to work with the latest trend of the
56	Site Supervision Project	CUCP2115	2020	Skill development(Students will be able to work with the latest trend of the
57	Critical Thinking and Presenting it with	CUSD2120	2020	Skill development(Strong understanding of architectural design and scope for innovative
58	Scope to Enrich by Exposing them to BIM	CUSD2121	2020	Skill development(Strong understanding of architectural design and scope for innovative
59	Design and Failure Analysis of Structure	CUSD2122	2020	Skill development(Strong understanding of architectural design and scope for innovative
60	Amalgamation of Architecture and Civil	CUSD2123	2020	Skill development(Strong understanding of architectural design and scope for innovative
61	Project	CUSD2124	2020	Skill development(Identify specific data and methodologies for effective mapping and
62	IT Infrastructure Management	CUTM1024	2020	Skill And Employability(Students developed skills to build and manage IT infrastrucur in
63	Cloud Practitioners	CUTM1025	2020	Skill And Employability(Analyze and Understand the functioning of different
64	Wireless Networks	CUTM1026	2020	Skill(Students developed Skills needed to install, configure, and troubleshoot WLAN
65	Information Security	CUTM1027	2020	Skill And Employability(Students have done activities like network analysis, intrusion

66	OOPs with C ++ Programming	CUTM1028	2020	Skill And Employability(Case study to be given to students on uses of C++ program for
67	Data Structures using C++	CUTM1029	2020	Skill And Employability(Understand asymptotic analysis and different methods.
68	Advanced Web Programming	CUTM1030	2020	Skill And Employability(Develop a static, interactive and well-formed webpage using
69	Java Technologies	CUTM1031	2020	Skill And Employability(Understands the concepts of Threads, exception handling, file
70	Operating System Concepts	CUTM1032	2020	Skill(Demonstrate understanding of operating system design and its impact on
71	Database Creation and Maintenance	CUTM1033	2020	Skill And Employability(Hands on training on Client/Server Architecture- System Structure
72	Database Cluster Administration and	CUTM1034	2020	Skill(Students will develop skill of developing new techniques in cluster deployment in real
73	Data Warehousing and Data Mining	CUTM1035	2020	Skill (Student will able to design data warehouse with dimensional modeling and
74	Android App Development	CUTM1036	2020	Skill And Employability(Understand Android UI design, activity and fragments, intents,
75	Mathematical Problem Solving	CUTM1037	2020	Skill(Understand asymptotic analysis and different methods. Understand linear data
76	Formal Language and Automata Theory	CUTM1038	2020	Skill (Be able to design FAs, NFAs, Grammars, languages modelling, small compilers)
77	AWS Solution Architect (SAA-CO2)	CUCT2030	2020	Skill And Employability(Developed scalable and secure Cloud applications and acquired
78	AWS Developer (DVA-CO1)	CUCT2031	2020	Skill And Employability(Able to develop scalable and secure Cloud applications and
79	Project	CUCT2032	2020	Skill And Employability(Able to develop scalable and secure Cloud applications)
80	Web Services Using Java	CUST2010	2020	Skill And Employability(Developed knowledge-based force to serve the IT
81	Advanced Java Programming	CUST2011	2020	Skill And Employability(Understands the advance concepts of Threads, exception
82	Web Programming Using React	CUST2012	2020	Skill And Employability(Develop knowledge-based force to serve the IT industry with the
83	Product Development	CUST2013	2020	Skill And Employability(Develop knowledge-based force to serve the IT industry with the
84	ML for Predictive Analysis	CUML2002	2020	Skill And Employability(Implement ML algorithms that generates insight to high
85	ML for Image Analytics	CUML2003	2020	Skill And Employability(Implemented different Real life Projects in the field of
86	ML for Hyperspectral imaging	CUML2004	2020	Skill And Employability(Implemented different Real life Projects in the field of
87	Internship	CUML2005	2020	Skill And Employability(Implemented different Real life Projects in the field of
88	Project	CUML2006	2020	Skill And Employability(Implemented different Real life Projects in the field of

89	Linux Administration	CUCS2040	2020	Skill And Employability(Developed skills to manage a Linux server and provide basic
90	Advanced Hacking Techniques	CUCS2041	2020	Skill And Employability(Learned different white hat hacking tools to defend different
91	System and Network Security	CUCS2042	2020	Skill And Employability(Learned different network security tools to defend different
92	IT Data Security	CUCS2043	2020	Skill And Employability(Students able to detect different data leakage and able to
93	Project	CUCS2044	2020	Skill And Employability(Analyzed a self developed website for various types of
94	Introduction to Gaming & Simulation	CUAR2060	2020	Skill And Employability(End to End Game Development Pipeline)
95	Game Assets & Game Objects	CUAR2061	2020	Skill And Employability(Able to built different models, assets and objects like temple, park,
96	Building Game Environment	CUAR2062	2020	Skill And Employability(Able to built game environment)
97	Game Animation, Scripting & UI	CUAR2063	2020	Skill And Employability(Able to design different cartoon animations and UI)
98	Binary Deployment and Cross-Platform	CUAR2064	2020	Skill And Employability(Design several 3D games which supports cross platforms)
99	Project	CUAR2065	2020	Skill And Employability(End to End Game Development Pipeline such as 3D games,
100	Embedded System Programming with	CUTM1039	2020	Skill Development, Employability (Embedded System sectors to learn
101	VLSI Design (NSQF level 5)	CUTM1040	2020	Skill Development, Employability (Design combinational and sequential circuit
102	Electronic Devices and Systems	CUTM1046	2020	Employability (A broad introduction to electronic systems
103	Electromagnetic Interference and	CUTM1041	2020	Skill Development This subject is a base subject for wireless
104	Electromagnetic Field Theory &	CUTM1042	2020	Skill Development Introduce theory and concepts of
105	Network Analysis	CUTM1043	2020	Employability (techniques of solving circuits involving
106	Analog Communication	CUTM1045	2020	Employability (Familiar with analog radio transmitters and
107	Digital Communication	CUTM1044	2020	Employability (Illustrate the classification of channels,
108	Principles of wireless communication	CUTM1047	2020	Skill Development and Employability Knowledge about the characteristic of
109	Digital Signal & Image Processing	CUTM1048	2020	Employability (knoledge of time domain,frequency
110	Antenna Design and Analysis	CUTM1049	2020	Employability (understanding the theory and fundamentals
111	Wireless communication for	CUTM1050	2020	Employability (understanding of the physical aspects of

112	Smart Phone Trouble shooting and Repair	CUCS2080	2020	Skill Development Basic of Mobile Repairing and Basic
113	Satellite & TV Communications	CUCS2081	2020	Skill Development The fundamentals of satellite
114	RF Planning and Drive Test	CUCS2082	2020	Employability (Students will develop skill on GSM RF
115	Cell site and BTS Installation	CUCS2083	2020	Employability (Adhere and conduct site PM (preventive
116	Microwave & RADAR Communications	CUCS2084	2020	Employability Appreciate the importance of microwave
117	Project	CUCS2085	2020	Employability (Skill development course)
118	Micro-Controller Based Embedded	CUES2050	2020	Employability To understand the concepts of
119	Real-Time Operating System and Porting	CUES2051	2020	Employability To make the student learn fundamentals of
120	Embedded Linux on ARM	CUES2052	2020	Employability Provide an understanding of essentials of
121	Project	CUES2053	2020	Employability (Skill development course)
122	ASIC Design	CUVL2070	2020	Employability (Design and Analysis of Analog Circuits and
123	Digital VLSI	CUVL2071	2020	Employability (Design and Analysis of Digital Circuits and
124	Analog VLSI	CUVL2072	2020	Employability (Design and Analysis of Analog Circuits and
125	Verification Using SystemVerilog	CUVL2073	2020	Employability (VLSI verification project using Verilog.
126	Energy Production & Transmission	CUTM1051	2020	Skill development(Students will develop the skill of how energy is being produced and
127	Substation Switch gear & Protection	CUTM1052	2020	Skill development(Students will develop the Skill of different substation, switchgear and
128	System Modeling and Control	CUTM1053	2020	Skill development(Students will develop the skill of modelling the various systems and its
129	Electrical Machines Operation and Control	CUTM1054	2020	Skill development(Students will develop the skill of operating different electrical
130	Industrial Power Electronics	CUTM1055	2020	Skill development(Students will develop the skill of using different power electronics
131	Digital Measurement and Instrumentation	CUTM1056	2020	Skill development(Students will develop the skill of measuring the instruments digitally)
132	Basic Electrical Engineering	CUTM1057	2020	Skill development(Students will develop the skill on various fundamental concepts of
133	Introduction to Industrial Automation	CUIA2100	2020	Skill development(Students will develop skill of designing Automatic Control System using
134	Advanced Programming &	CUIA2101	2020	Skill development (Students will gain Functional skill set with hands-on; on System

135	Control & Signal Wiring of PLC	CUIA2102	2020	Skill development (Students will gain Functional skill set with hands-on; on Advnce
136	SCADA based advanced features	CUIA2103	2020	Skill development (Students will gain Functional skill set with hands-on; on
137	SCADA & PLC based sequential control	CUIA2104	2020	Skill development (Students will gain Functional skill set with hands-on; on
138	Human Machine Interface	CUIA2105	2020	Skill development (Students will gain Functional skill set with hands-on; on PLC
139	OPC server base data fetching & control	CUIA2106	2020	Skill development (Students will gain knowledge about OPC server and network in
140	Project	CUIA2107	2020	Skill Development (Students will develop different automation related project)
141	Internship	CUIA2108	2020	Skill Development (Students will undergo training for the industrial automation)
142	Introduction, Power Scenario, Power	CUEG2090	2020	Skill Development (Students will get functional knowledge on different fault
143	Switchyard & substation Networks	CUEG2091	2020	Skill Development (Students will design the electrical grid network system with busbar
144	Protection scheme & Switchgear	CUEG2092	2020	Skill Development (Students will develop different protection scheme with hardware
145	Cable system & Testing	CUEG2093	2020	Skill Development (Students will learn the three phase power cabel layout system wit
146	Power Markets	CUEG2094	2020	Employability (Student will learn power market operation & energy audit process
147	Grid Safety	CUEG2095	2020	Skill Development (Students will develop skill set with hands on training & practice on
148	Transformer Manufacturing	CUEG2096	2020	Skill Development (Students will Manufacture three phase Distribution
149	Project	CUEG2097	2020	Skill Development (Students will develop different electrical system & transformer
150	Materials for Renewable Energy	CURE2190	2020	Skill Development (Students will learn and develop the different materials for
151	Renewable Energy Technology for	CURE2191	2020	Skill development (Students will gain Functional skill set with hands-on; on
152	Micro-grid Design & Implementation	CURE2192	2020	Skill Development (Students will learn and develop the different Micro-grid Design and
153	Hybrid Renewable Energy Systems	CURE2193	2020	Skill Development (Students will learn and develop the hybrid generations that
154	Solar Off-grid Entrepreneur	CURE2194	2020	Skill Development (Students will learn and develop the Entrepreneurship skill for the
155	Project	CURE2195	2020	Skill Development (Students will develop different renewable energy sources & solar
156	Internship	CURE2196	2020	Skill Development (Students will undergo training for the renewable energy)
157	Computer Aided Drafting	CUTM1075	2020	Skill development (Students will be able to use CATIA for creation of 3D models,

158	Product Design and Development	CUTM1076	2020	Employability and Skill development (Student will understand and explain the
159	Reverse Engineering and Rapid Prototype	CUTM1077	2020	Employability and Skill development (Student will understand principles of
160	Product Life Cycle Management	CUTM1078	2020	Employability and Skill development (Students will use ENOVIA
161	Manufacturing Process-process	CUTM1079	2020	Employability and Skill development (Student will understand the Importance of
162	Material in product design and	CUTM1080	2020	Employability and Skill development (Student will understand the various
163	Quality Assurance	CUTM1082	2020	Employability and Skill development (Students will carry out statistical analysis of
164	Applied Ergonomics	CUTM1083	2020	Employability and Skill development (Students will able to use the Human
165	Computer Aided Manufacturing	CUTM1084	2020	Skill development (Students will able to create 2-D Geometry and 3-D models using
166	CNC Programming & CNC Machining	CUTM1085	2020	Employability and Skill development (Demonstrate and explain various CNC
167	Design of Tools, Jigs and Fixtures	CUTM1086	2020	Skill development (To learn basic concepts, functions and design principles of Jigs,
168	Advance Metrology	CUTM1087	2020	Skill development (Student will have knowledge of basic measurement systems in
169	Thermodynamics	CUTM1088	2020	Skill development (To know the laws of thermodynamics and conditions for energy
170	Theory of Machines	CUTM1091	2020	Skill development (To develop skills for designing and analyzing linkages, cams, gears
171	Heat Transfer with FDM/FVM	CUTM1092	2020	Skill development (Students will be able to analyze and design various Equipment used
172	Introduction to Automobile	CUAE2170	2020	Employability and Skill development(This gives jobs oppertunity in automobile
173	Subsystems of Automobile	CUAE2171	2020	Employability and Skill development(This gives jobs oppertunity in automobile
174	Electric Vehicles	CUAE2172	2020	Employability and Skill development (This gives jobs oppertunity in automobile
175	Maintenance of Automobile	CUAE2173	2020	Employability and Skill development(This gives jobs oppertunity in automobile
176	Project	CUAE2174	2020	Employability and Skill development(This gives jobs oppertunity in automobile
177	Internship	CUAE2175	2020	Employability and Skill development(This gives jobs oppertunity in automobile
178	Introduction to composites	CUCD2130	2020	Employability and Skill development (students will be able to learn how to design
179	Composite materials and characterization	CUCD2131	2020	Employability and Skill development (students will be able to learn how to design
180	CATIA-Composites Design	CUCD2132	2020	Employability and Skill development (students will be able to learn how to design

181	Composite Product Validation; Simulia	CUCD2133	2020	Employability and Skill development (students will be able to learn how to design
182	Machineries and Technologies used for	CUCD2134	2020	Employability and Skill development (students will be able to learn how to design
183	Quality control and Fabrication of	CUCD2135	2020	Employability and Skill development (students will be able to learn how to design
184	Project	CUCD2136	2020	Employability and Skill development (students will be able to learn how to design
185	Manufacturing Requirements and	CUCM2150	2020	Employability and Skill development (Developing the visibility of skills and
186	Conventional Machining for	CUCM2151	2020	Employability and Skill development(Makes student Industry ready through hands-on
187	CNC Machining	CUCM2152	2020	Employability and Skill development(Makes student Industry ready through hands-on
188	Non-Traditional Machining and 3D	CUCM2153	2020	Employability and Skill development(Makes student Industry ready through hands-on
189	Wood Engineering	CUCM2154	2020	Employability and Skill development(Makes student Industry ready through hands-on
190	Internship	CUCM2155	2020	Employability and Skill development(Students go to different
191	Joining Processes and Technology	CUWI2160	2020	Employability and Skill development (ASNT Level II (LPI and UT) or NSQF skill
192	Metal Transfer and Weld Metallurgy	CUWI2161	2020	Employability and Skill development ASNT Level II (LPI and UT) or NSQF skill
193	Design of Welded Joints	CUWI2162	2020	Employability and Skill development (ASNT Level II (LPI and UT) or NSQF skill
194	Testing of Welded Joints	CUWI2163	2020	Employability and Skill development (ASNT Level II (LPI and UT) or NSQF skill
195	Advanced Structural Analysis	MTSE1101	2019	Skill development(• Skill in developing computer program for the structural analysis
196	Structural Dynamics	MTSE1102	2019	Skill development(To provide basic knowledge of mathematics, science and
197	Theory of Elasticity & Plasticity	MTSE1103	2019	Skill development(•Ability to apply the knowledge of mathematics, science and
198	Architectural Design	MTSE1104	2019	Skill development(Provide skill with a well-educated workforce that is ready and able to
199	Bridge Engineering	MTSE1105	2019	Skill development(At the end of the course, the students have a skill to:
200	Computer Graphics	MTSE1106	2019	Skill development(At the end of the course, the students have a skill and employability to:
201	MATLAB for Civil Engineers	MTSE1107	2019	Employability (Differential equations and its application to engineering problems
202	Finite Element Method	MTSE1201	2019	Skill development(•Enable the students to identify, formulate and skill to engineering
203	Concrete Technology	MTSE1202	2019	Skill development(•To study and understand various types of technology added in

204	Research Methodology & IPR	MTRM1201	2019	Skill development(1. Skill to research problem formulation.
205	Structural Engineering Lab	MTSE1203	2019	"Skill development(To provide basic knowledge of mathematics, science and
206	3D Modeling using ANSYS and CATIA	ISSE1205	2019	Skill development(Introduction to Engineering Design Different types of
207	Design of Prefabricated	MTSE0101	2019	Skill development(•Grasp of the construction methods using these elements have the skill
208	Renovation and Retrofitting of green	MTSE0102	2019	Skill development(By the end of this course students will have the skill /knowledge of
209	Advanced Construction	MTSE0103	2019	Skill development(•To study the polymers in civil engineering construction
210	Soil Dynamics and Geotechnical	MTSE0104	2019	Skill development(Develop skill in applying theory of vibrations to basic facets of soil
211	Industry Internship and Project - I	MTIP2101	2019	Employability(On successful completion of this course student will able to:
212	Industry Internship and Project - II	MTIP2201	2019	Employability(On successful completion of this course student will able to:
213	Traffic Engineering And Management	ISTE1101	2019	Skill development(•To learn traffic studies, their analysis and their interpretation.
214	Pavement Materials And Construction	ISTE1102	2019	Employability(•To learn about characteristic of subgrade soil.
215	Urban Transportation Planning	ISTE1103	2019	Employability(•To learn the planning methodology of Urban transportation
216	Transportation Infrastructure Design	ISTE1104	2019	Employability(•To learn Geometric Design of Cross Sectional Elements of various types of
217	Pavement Material Lab	ISTE1106	2019	Skill development(•To learn about characteristic of subgrade soil.
218	Traffic Survey Practice	ISTE1107	2019	Skill development(• Fieldwork using Hi-Tech surveying instruments
219	Pavement Analysis And Design	ISTE1201	2019	Skill development(•To learn about various factors affecting pavement design.
220	Highway Project formulation and	ISTE1202	2019	Employability(•To learn Geometric Design of Cross Sectional Elements of various types of
221	Traffic Safety	ISTE1203	2019	Skill development(Identify specific data and methodologies for effective mapping and
222	Research Methodology For	ISRM1201	2019	Employability(Meaning of Research , Objectives of Research ,Motivation in
223	Survey Lab	ISTE1204	2019	Skill development(Identify specific data and methodologies for effective mapping and
224	Transportation Engineering Design	ISTE1205	2019	Skill development(Gain knowledge about the software used in transportation like surface
225	Remote Sensing And GIS for Transportation	ISTE1207	2019	Skill development(•Ability to understand the basics and characteristics of remote sensing.
226	Pavement Evaluation ,Rehabilitation and	ISTE1208	2019	Employability(•To learn about characteristic of subgrade soil.

227	Project Management	ISTE1209	2019	Employability(Identify functions of project management including estimating, job
228	Environmental Impact Assessment for	ISTE1210	2019	Employability(• environmental issues in decision-making)
229	Industry Internship and Project-1	ISTE2101	2019	Employability(Student will be doing live project For 4 months in an
230	Industry Internship and Project-II	ISTE2200	2019	Employability(Student will be performing internship for 3-months in
231	Computer Applications toPower	MTPS1101	2019	Skill development (Students will gain Functional skill set with hands-on; on Load
232	Non-Linear Control Systems	MTPS1102	2019	Skill development (Students will gain Functional skill set with hands-on; on Load
233	Micro Controller Application with PLC	MTPS1103	2019	Skill development (Students will gain Functional skill set with hands-on; on Micro
234	SCADA- Compatible with all PLC	MTPS1104	2019	Skill development (Students will gain Functional skill set with hands-on; on
235	Advanced Electrical in Automation	MTPS1105	2019	Skill development (Students will gain Functional skill set with hands-on; on Advnce
236	Sensors and VFDInterface to PLC	MTPS1106	2019	Skill development (Students will gain Functional skill set with hands-on; on
237	Digital Control System Applied to Power	MTPS1201	2019	Skill development (Students will gain Functional skill set with hands-on; on Digital
238	Power System Dynamics & Stability	MTPS1202	2019	Skill development (Students will gain Functional skill set with hands-on; on Load
239	SCADA-Compatible with fixed brand of	MTPS1203	2019	Skill development (Students will gain Functional skill set with hands-on; on
240	Distributed Control System	MTPS1204	2019	Skill development (Students will gain Functional skill set with hands-on;
241	Power System Monitoring by HMI	MTPS1205	2019	Skill development (Students will gain Functional skill set with hands-on; on Power
242	High voltage Engineering	MTPS0101	2019	Skill development (Students will gain Functional knowledge with hands-on; on
243	Optimization Techniques in Power	MTPS0102	2019	Skill development (Students will gain Functional knowledge with hands-on; on
244	Digital Power System Applications	MTPS0103	2019	Skill development (Students will gain Functional knowledge with hands-on; on
245	Power Quality Analysis	MTPS0104	2019	Skill development (Students will gain Functional knowledge of power quality)
246	Non-Conventional Renewable Energy	MTPS0105	2019	Skill development (Students will gain Functional knowledge with hands-on; on
247	Renewable Energy System Integration	MTPS0106	2019	Skill development (Students will gain Functional knowledge with hands-on; on RE
248	Concepts of Smart Grid Technology	MTPS0107	2019	Skill development (Students will gain Functional knowledge with hands-on;
249	Distribution System Engineering	MTPS0108	2019	Skill development (Students will gain Functional knowledge on power distribution

250	Power System Security	MTPS0109	2019	Skill development (Students will gain Functional knowledge with hands-on; on
251	Digital Signal Processing	MTPS0110	2019	Skill development (Students will gain Functional knowledge with hands-on; of DSP
252	Industry Internship and Project –	MTIP2102	2019	employability (Student will learn on power system operation & energy audit process
253	Tractor and Automotive Engines	CUTM1130	2017	Entrepreneurship(To understand the working principle of different systems of
254	Irrigation Engineering	CUTM1131	2017	Skill Development(Estimate the quantity of water required by different types of crop.)
255	Tractor Systems and Controls	CUTM1132	2017	Employability(Learning fundamentals of tractor chassis design and traction theory.)
256	Agricultural Structures and Environmental	CUTM1134	2017	Employability(To prepare estimate for different farm buildings, structures, roads,
257	Soil-Water Conservation	CUTM1136	2017	Skill Development(Develop analytical thinking and problem solving skills in soil and
258	Drainage Engineering	CUTM1138	2017	Entrepreneurship(Analyze the economic aspects of drainage projects.)
259	Tractor and Farm Machinery Operation	CUTM1142	2017	Employability(To acquire knowledge regarding makes and models of tractors,
260	Dairy and Food Engineering	CUTM1143	2017	Entrepreneurship(Acquaint the students with various dairy engineering operations
261	Processing Technology of Cereals	CUFP2310	2020	(Skill development)Understand the concepts and principles of processing and packaging
262	Processing Technology of	CUFP2311	2020	(Skill development)know principles of processing and packaging techniques and
263	Processing Technology of Fruits,	CUFP2312	2020	(Skill development)study of the effects of processing parameters on product safety
264	Product Development and Packaging	CUFP2313	2020	(Employability) Gain insights into the scientific, regulatory, and consumer interests
265	Food Standards and Regulations and	CUFP2314	2020	(Skill development) Understand and develop HACCP plans based on the standards and
266	Sensory Evaluation and Nutritional	CUFP2315	2020	(Employability)Adopt hygienic and sanitation practices during product preparation
267	AELP Linked Project	CUFP2316	2020	(Employability)Pursue research and develop capabilities to handle multi-disciplinary field
268	Summer training-I	CUTM1939	2020	(Skill development)Students will be able to have real experer to industries or Institutes
269	Pharmacognosy and Phytochemistry of	CUTM1167	2020	(Skill development/Employability) Identification of medicinal herbs and gaining
270	Ayurveda and fermentation	CUTM1168	2020	(Skill development/Employability) Formulation of herbal dosage forms, leading
271	Regulations & Certifications of	CUTM1169	2020	(Employability/Entrepreneurship) Learn about international regulations of herbal
272	Material Science of Excipients and	CUTM1170	2020	(Skill development/Employability) Practical aspects of pharmaceutical dosage form

273	Phyto-Pharmacology	CUTM1171	2020	Learn about different drugs and their pharmacological effects on human body
274	Good Manufacturing Practices-Herbal	CUTM1178	2020	(Employability) Learn about GMP international standards which will assist in
275	Plant Design and Operation for Herbal	CUTM1179	2020	(Employability) Scaling up operations and basics of Plant design and operations
276	Thermodynamics	CUTM 1088	2020	(Employability and skill development) Designing of air-conditioning
277	Human Anatomy and Physiology	CUTM1708	2020	(Skill Development) learn about human anatomy and physiology and gain knowledge
278	Heat and Mass Transfer	CUTM1525	2020	(Employability and skill development) learn about heat and mass transfer under
279	Summer training-II	CUTM1940	2020	(Skill development) Students will be able to have real exposure to industries or Institutes
280	Cheese Technology	CUTM1158	2020	Employability and entrepreneurship (Industry oriented course. A student with a
281	Packaging of Dairy Products	CUTM1160	2020	Skill development (Students will get acquainted with the basics as well as new
282	Chemical Quality Assurance	CUTM1161	2020	Employability and skill development (The students can become internal and external
283	Fat Rich Dairy Products	CUTM1150	2020	Employability and entrepreneurship (After completing this course students can get job
284	Microbiology of Dairy Products	CUTM1151	2020	Skill development and Employability (Students can go for higher studies (m.Tech
285	By Products Technology	CUTM1159	2020	Entrepreneurship and employability (Completion of this course can lead a
286	Food and Industrial Microbiology	CUTM1163	2020	Skill development (It is also purely industrial based course via. higher studies where
287	Sensory Evaluation of Dairy Products	CUTM1164	2020	Skill development (Students will be familiarized with the basic idea on sensory
288	Evolution of Management Thought	CUTM1181	2011	Application of Basic management principles- Skill development
289	Job Readiness	CUTM1182	2020	Analytical Ability, ability to plan & strategic, creative & logical thinking, attention to
290	Quantitative Techniques	CUTM1183	2020	Application of quantitative techniques in business decision making- Employability
291	Micro Economics	CUTM1184	2020	Utilize micro economic concepts and techniques to take business decisions
292	Data analysis through Microsoft Excel	CUTM1185	2019	Able to analyse data appropriately- Skill development
293	Economic Environment of	CUTM1186	2020	Analyse of policy environment to take appropriate decision -Employability
294	Indian Society and Culture	CUTM1187	2015	Analysing social issues, Societal Analysis- Employability
295	Operation Research	CUTM1188	2017	Manage and enhance the sales force productivity and performance: Employability

296	Principles of Management	CUTM1189	2020	Application of Basic management principles- Employability
297	Basics of Design Thinking	CUTM1190	2020	Utilize design thinking for innovation - employability & Entrepreneurship
298	Data Analysis and Visualization Using	CUTM1191	2020	Can use Python for data analysis and visualization.- Skill Development
299	Introduction to AI/ML	CUTM1192	2020	Utilize AI/ML to drive business in industry 4.0. - Employability
300	Introduction Data Analytics	CUTM1193	2020	Use analytics in decision making - Employability
301	Introduction Additive Manufacturing/3D	CUTM1194	2020	Application of Additive Manufacturing- Employability
302	Introduction to AR/VR	CUTM1195	2020	Application of AR/VR in business - Employability
303	Introduction to Emerging Mobility	CUTM1196	2020	Analyse emerging mobility solutions and its impact on business & society - Employability
304	Introduction to Blockchain	CUTM1197	2020	Use Database, cryptography & Bitcoin - Employability
305	Introduction to Robotics	CUTM1198	2020	Impact of Robotics in business & Management - Employability
306	Accounting for Managers	CUTM1199	2011	Preparation of financial statement, preparation of cost sheet and financial
307	Marketing Management	CUTM1200	2011	Interpret complex marketing issues facing a variety of enterprises they would be
308	Organizational Behaviour and	CUTM1201	2011	Analyze and compare different models of Human Behaviour - Employability,
309	Talent Acquisition and Development	CUTM1202	2011	Assess, design and implement various methods, techniques and sources of training-
310	Marketing Research	CUTM1203	2011	Plan and undertake qualitative or quantitative Market Research and
311	Corporate Finance	CUTM1204	2011	Utilize the concepts of financial management, investment, financing,
312	Production & Operations	CUTM1205	2011	Developing aggregate capacity plans and MPS in operation environments-
313	Introduction to PLM (Platforms such as	CUTM1206	2020	Develop Product specification Document and digital prototype- Employability,
314	Designing User/Customer	CUTM1207	2020	Product Design & User experience - Skill Development
315	Supply Chain Management	CUTM1208	2020	Analyzing the manufacturing operations of a firm- Employability, Entrepreneurship
316	Advanced Managerial Accounting	CUFM2350	2015	Preparation of cost sheet and analysis of financial statements: Employability &
317	Financial Institutions, Markets & Services	CUFM2351	2011	Use techniques for raising funds from capital market and from different sources-
318	Commercial Banking and ALM	CUFM2352	2011	Use techniques for Asset/Liability Management for smooth operation of the

319	Security Analysis And Portfolio	CUFM2353	2011	Use methods of valuations of financial instruments and evaluation of risk as well as
320	Project Appraisal & Financing	CUFM2354	2014	Preparation of detailed project report, identification of a project, feasibility analysis
321	Current Asset Management	CUFM2355	2015	Use methods of determine optimum current assets level and appropriate working capital
322	Financial Analysis and Visualization	CUFM2356	2020	Solve problems through analytics- Employability
323	Robotics Process Automation (RPA) in	CUFM2357	2020	Utilize skill set to work in finance with the help of Robot -Employability &
324	Rural Marketing	CUMM2360	2015	Able to promote products and services in rural market: Employability &
325	Sales and Distribution Management	CUMM2361	2011	Manage and enhance the sales force productivity and performance:Employability
326	Services & Financial Services Marketing	CUMM2362	2020	Design financial service quality measurements to build customer loyalty and
327	Brand Management & Consumer Behaviour	CUMM2363	2011	Analyse the relevance of consumer behaviour to the entire marketing process,
328	Digital Marketing & Marketing	CUMM2364	2011	Develop various application in diverse areas of sales & marketing - Employability
329	Retail & Etail Management	CUMM2365	2020	Make merchandise plan and to procure right merchandise: Employability &
330	B2B Marketing	CUMM2366	2011	Formulate decision, evaluate alternative courses of action and finally choose among
331	Performance Management	MGHR2317	2011	Analyze and adopt different models of Human Behaviour to achieve desired
332	Organization Change and Development	MGHR2318	2011	Assess, design and implement various methods, techniques and sources of training-
333	Human Resource Planning and Sourcing	MGHR2319	2015	Development, implementation, and evaluation of employee recruitment,
334	Training and Development	MGHR2320	2011	Assess, design and implement various methods, techniques and sources of training-
335	Anatomy Physiology & Health Education	CUTM1607	2019	Apply knowledge on structure and function of body parts for therapies-Employability
336	Pharmacology	CUTM1608	2019	Able to advise use of drugs for thearpeutic purposes-Employability
337	Basic Epidemiology	CUTM 1609	2019	Analysis of distribution and determinant of health and diseases condition in defined
338	Selling And Reporting Skills Of	CUTM 1610	2019	Handle pharmaceutical marketing efficiently- Employability, Entrepreneurship
339	Pharmaceutical Brand Management	CUTM 1611	2019	Development of brand of a product- Employability, Entrepreneurship
340	Pharmaceutical Sales and Distribution	CUTM 1612	2019	Increase pharmaceutical sales, develop promotional strategy,-Employability,
341	Business Analytics	CUTM 1613	2020	Use tools and technique to analyse data - Skill development

342	Drug Regulatory Affairs & Intellectual	CUTM 1614	2019	Able to manufacture and sale of pharmaceuticals-Employability,
343	Manufacturing Management	CUTM 1615	2019	Able to plan and design pharmaceutical production system-Employability
344	Financial Reporting & Analysis	CUTM 1616	2019	Analyze financial statements-Employability
345	Pharmaceutical Advertising & Services	CUTM 1617	2019	Able to design managerial process to oversee and control the various advertising
346	Contemporary Development	CUTM1218	2020	Communicate appropriately using tools for development - Employability
347	Data Analysis using Excel and Python	CUTM1241	2020	Can use Python for data analysis and visualization.- Skill Development
348	Development Project Management	CUTM1242	2014	Knowledge and skills acquisition on Appraisal, Planning, and Monitoring &
349	Natural Resource Management	CUTM1243	2014	Work effectively with, and within, interdisciplinary and diverse groups to
350	Development Theory and Practice	CUTM1222	2020	Utilization of development theories in practical field- Employability and Skill
351	Development Project Management	CUTM1223	2014	Knowledge and skills acquisition on Appraisal, Planning, and Monitoring &
352	Social Research Methods	CUTM1246	2018	Application of modern analytical tools and techniques for management decision
353	Agricultural Marketing	CUTM1247	2017	Effectively evaluate the challenges and prospects of agri marketing system, :
354	Strategic Management	CUTM1929	2020	Conduct analysis of competitive situations of the enterprise - Employability
355	Community Organization and	CUTM1930	2020	Managing and developing community organizations- Employability
356	Food Security and Right to Food	CUTM1931	2020	Promoting food security- Employability
357	Financial Inclusion and Micro Finance	CUTM1932	2017	To appraise the scenario of financial inclusion in the country , acquire skills to
358	Organization Behaviour	CUTM1933	2020	Analyze and compare different models of Human Behaviour for organizational
359	Human Resource Management and	CUTM1934	2020	Carry out human resource planning and Job analysis, develop, implement and evaluate
360	Public Policy: Design, Analysis and	CUTM1935	2020	Designing campaigns and implementation of policies- Employability and Skill
361	Social Entrepreneurship and	CUTM1936	2020	Promoting Social entrepreneurship and implementing CSR policies-
362	Digital and Social Media Marketing	CUTM1937	2020	Development and usages of social media marketing- Employability, Entrepreneurship
363	Skill Ecosystem development	CUDM2356	2018	Create skill ecosystem and analyse its dimensions - Employability
364	Local Governance systems	CUDM2357	2020	Developing collaboration with local government institutions- Employability

365	Rural Haat & Market Analysis	CUDM2358	2014	Assessing rural markets and develop appropriate marketing strategies -
366	Community Owned and Managed	CUDM2359	2020	Promoting community owned business organizations- Employability
367	Corporate Social Responsibility	CUDM2360	2017	Demonstrate a multi-stakeholder perspective in viewing CSR issues, Compare
368	Disaster Management	CUDM2361	2017	To build skills and abilities in analyzing potential effects of disasters and the
369	Management of Rural Health	CUDM2362	2020	Developing strategies for Rural Health and management- Employability
370	Management of Rural Education	CUDM2363	2020	Promoting rural education- Employability
371	Sustainable Rural Livelihoods	CUDM2364	2020	Developing Livelihood opportunities and linking livelihood programs- Employability
372	Organizing Conference	CUDM2381	2014	Learning skills for organizing events - Employability, Entrepreneurship & Skill
373	Managing Watersheds	CUDM2365	2020	Watershed management- Employability and skill
374	M&E of Development Projects	CUDM2366	2020	Project Mangement- Employability and Entrepreneurship
375	Poverty reduction strategies	CUDM2353	2020	Can address the issues related to poverty and develop appropriate strategies to
376	Issues in Tribal Development	CUDM2367	2020	Develop strategies to handle tribal issues- Employability
377	Extension strategies for development	CUDM2355	2020	Implement development strategies- Employability
378	Fund Raising for Social Cause	CUDM2368	2020	Develop strategies for fund raising- Employability and Entrepreneurship
379	Fundamentals of Management	CUTM1209	2020	Apply appropriate managerial principles and theories on the work front- Employability
380	Organisational Behaviour	CUTM1210	2015	Analyze and compare different models of Human Behaviour - Employability
381	Statistics for Business Decisions	CUTM1211	2016	Use appropriate sampling techniques, formulate the appropriate hypothesis, use
382	Managerial Economics	CUTM1212	2015	make optimal decisions by integrating the concept of economics and business- make
383	Business Accounting	CUTM1213	2015	interpret the nature and role of the principal financial statements (i.e., the Income
384	Macro Economics	CUTM1214	2015	Develop knowledge to apply macroeconomic perspective to solve business problems-
385	Principles of Marketing	CUTM1215	2015	Solving simple marketing issues facing by a variety of enterprises they would be
386	Management Accounting	CUTM1216	2015	Preparation and use of financial statement of different types of organisations:
387	Business Research	CUTM1217	2015	Formulate the hypothesis and conduct independent research- Employability

388	Financial Management	CUTM1219	2015	Utilize concepts of financial management, investment, financing, working capital and
389	Quantitative Techniques for	CUTM1220	2020	formulate complex problems into mathematical models to solve using
390	Legal Aspects of Business	CUTM1221	2016	Adhere to legal framework for starting a business venture and running it successfully
391	Advanced Managerial Accounting	CUTM1225	2020	Preparation and use of financial statement of different types of organisations:
392	Financial Institutions, Markets & Services	CUTM1226	2020	Use techniques for raising funds from capital market and from different source-
393	Commercial Banking and ALM	CUTM1227	2020	Use techniques for Asset/Liability Management for smooth operation of the
394	Security Analysis And Portfolio	CUTM1228	2016	Use methods of valuations of financial instruments and evaluation of risk as well as
395	Project Appraisal & Financing	CUTM1229	2016	Preparation of detailed project report, identification of a project, feasibility analysis
396	Current Asset Management	CUTM1230	2020	Use methods of determine optimum current assets level and appropriate working capital
397	Financial Analysis and Visualization	CUTM1231	2020	Solve problems through analytics- Employability & Skill Development
398	Robotics Process Automation (RPA) in	CUTM1232	2020	Utilize skill set to work in finance with the help of Robot - Employability &
399	Rural Marketing	CUTM1233	2020	Able to promote products and services in rural market: Employability &
400	Sales and Distribution Management	CUTM1234	2020	Manage and enhance the sales force productivity and performance: Employability
401	Services & Financial Services Marketing	CUTM1235	2020	Design financial service quality measurements to build customer loyalty and
402	Brand Management & Consumer Behaviour	CUTM1236	2016	Analyse the relevance of consumer behaviour to the entire marketing process,
403	Digital Marketing & Marketing	CUTM1237	2020	Develop various application in diverse areas of sales & marketing - Employability
404	Retail & Etail Management	CUTM1238	2020	Make merchandise plan and to procure right merchandise: Employability &
405	B2B Marketing	CUTM1239	2020	Formulate decision, evaluate alternative courses of action and finally choose among
406	Environmental Science	CUTM1674	2020	Design and evaluate strategies, technologies and methods for sustainable management of
407	Summer Internship	CUTM1224	2015	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
408	Proficiency in English	CUTM1693	2017	Communicate effectively: Employability
409	Business Environment	CUTM1695	2017	Analyse business environment and take appropriate decision Employability and
410	Financial Accounting	CUTM1677	2017	Preparation and use of financial statement of different types of organisations:

411	Business Economics	CUBC2430	2017	Apply macroeconomic perspective to solve business problems- Employability &
412	Business Mathematics	CUTM1685	2017	Data analysis using mathematical function- Employability & Entrepreneurship
413	Introduction to Banking	CUBC2433	2017	Carry out operational activities in commercial banks Employability
414	Reading to Writing	CUTM1694	2017	Increased reading speed and using academic vocabulary in writing - Employability
415	Business Law	CUTM1678	2017	Utilize legal framework for starting a business venture and running it successfully
416	Business Statistics	CUBC2431	2017	Use statistical tools for managerial decision-making- Employability, Entrepreneurship
417	Management Principles and	CUTM1683	2017	Application of Basic management principles in organizations- Employability
418	Computer Applications in	CUTM1686	2017	Utilize computer in the day to day activities of the business - Skill development
419	Fundamentals of Financial	CUTM1688	2017	Application of concepts of financial management, investment, financing,
420	Income-tax Law and Practice	CUTM1682	2017	Can handle computation of heads of income and taxable income, TDS, advance tax etc.:
421	Human Resource Management	CUTM1681	2020	Carry out human resource planning and Job analysis, develop, implement and evaluate
422	Corporate Laws	CUTM1680	2017	Utilize the minimum legal framework for starting a business venture and running it
423	Entrepreneurship Development	CUTM1692	2017	Develop business plan, assess the various opportunities and constraints for new
424	Indirect Tax Law / GST	CUTM1690	2017	Calculate and file GST, levy and collection of tax, input tax credit, IGST act GSTN etc.:
425	Principles of Marketing	CUTM1687	2020	Solving marketing issues faced by a variety of enterprises : Employability &
426	Financial Market Operation	CUBC2435	2017	Analyse Money market, Capital market, its instruments and apply the same in
427	Cost Accounting	CUTM1684	2017	Preparation of cost sheet and analysis of financial statements: Employability &
428	Tally ERP 9	CUBC2432	2017	Preparation of financial statement of different types of organisations with Tally:
429	Corporate Accounting	CUTM1679	2017	Develop Accounting procedures used in corporates and the strategies involved in the
430	Banking Law & Practice	CUBC2434	2017	Adhere to Banking laws and practices while working in banking sector- Employability
431	Internship-I	CUBC2436	2017	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
432	Auditing and Corporate	CUTM1689	2017	Identify the areas of fraud and errors in the accounts and take corrective actions while
433	E-Commerce	CUTM1691	2017	carry out entrepreneurial activities electronically (E-commerce) Employability

434	Internship-II	CUBC2437	2017	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
435	Communication Research Methods	MAMC1101	2018	Analyse data with techniques of social science, media research - Skill development
436	Introduction to Print & Electronic Media	MAMC1102	2018	Competence in Print and Electronic Media and can work in Print and Electronic Media
437	Society, Media and Communication	MAMC0501	2018	Skill development and Entrepreneurship; Competence on the media business, its
438	Cultural Studies	MAMC0903	2016	Skill development; Competence in the process of production of media culture and
439	Advanced Digital Media	MAMC1103	2018	Students will be able to Competence skills in modern media and will be able to analyse
440	Digital Media Platforms	MAMC1104	2018	Employability: Get jobs in Television program production or Radio Program
441	Film studies	MAMC1105	2018	Students will be able to develop skills in different aspects of Film and will be able to
442	Advertising and Public Relations	MAMC1106	2018	After studying this paper student will be able to employ Public Relations and Advertising
443	Thesis	MAMC0301	2018	Employability: Analysing Media issues and analysis of media content.
444	Animation	MCDE0601	2016	Ability to create quality animation performance through a creative and
445	Radio Jockeying	MCDE0602	2016	Skill development in aggregate capacity to develop the skills of a Radio Jockey.
446	TV Anchoring	MCDE0603	2016	Skill development in the aggregate capacity to develop the skills of a Television Anchor.
447	Fashion Photography	MCDE0604	2016	Skill development: Developing competency for professional fashion photography.
448	Camera Operator	MCDE0605	2018	Skills development and Employability in camera handling and planning and producing
449	Video Editor	MCDE0606	2018	Skill development in television field and its functioning. Build the ability to develop and
450	Web Content Development	MCDE0607	2016	Skill development and Entrepreneurship: Competence in Content development for
451	Sound Engineer	MCDE0608	2018	Skill development on sound editing with different software.
452	Adobe tools and Illustrations	MCDE0609	2018	Work on Adobe Illustrator in the beginner level, and on graphics designing. Skill
453	Communication, Media and Society	CUTM1264	2020	Skill development in culture to influence nonverbal communication and cultural
454	Introduction to Journalism	CUTM1265	2020	Students enhance their skill and will be able to design news and they have can deliver
455	Communication Research	CUTM1266	2020	Employability: Conduct research on different media elements, Conduct research on radio,
456	Print Media Production	CUTM1267	2020	Student will be able to get job on Social media- Employability

457	Exploring Hindi Cinema	CUTM1268	2020	After successful completion of the course the learners will be able to develop skill on
458	Graphic Designing & Visual Images	CUTM1269	2020	Application of Graphic Designing & Visual Images in the job-Employability
459	Television Journalism	CUTM 1270	2020	students will be able to write script, voice over and field reporting-Skill development
460	Development Communication	CUTM1271	2016	Students will make strategy designing and campaign designing. They will enhance their
461	Camera and Editing for TV	CUTM 1272	2020	Improve skills in contemporary video technology and operation of cameras, audio,
462	Reporting and Anchoring	CUTM 1273	2018	Employability: reporter, copy editor and bulletin producer in electronic media, can
463	Global Politics and Media	CUTM1274	2020	Students will enhance skill on impacts of
464	Documentary	CUTM1275	2020	Develop skill to produce documentary cinema.-Skill development
465	Communication and the Plastic Arts	CUTM1276	2020	The learners will able to communicate in public space by using the plastic arts as the
466	Integrated Marketing Communication	CUTM1277	2020	Employability: They will be able to design campaign to promote a product, design
467	Web Content Development	CUMC2383	2016	Skill development and Employability on technology and content of the world wide
468	Radio Jockeying	CUMC 2380	2016	Skill development in aggregate capacity to develop the skills of a Radio Jockey.
469	Animation	CUMC2379	2020	Ability to create quality animation performance through a creative and
470	Introduction to social media	CUMC2382	2018	Student will able to get employment on Social media
471	Energy storage materials	CUTM1399	2020	Employability:Understanding of Energy storage behaviour of Various materials and
472	Bio and bimimetic nano materials	CUTM1400	2020	Employability: to gain knowledge about biomaterials, their properties, behavior,
473	Photovoltaic technology and	CUTM1401	2020	Employability:Understanding the cost effective fabrication route and increasing
474	Advanced characterization	CUTM1402	2020	Skill development:To know the experimental techniques for the microstructural and
475	Smart and electronic materials	CUTM1403	2020	Employability:To acquaint with various kinds of smart materials for device application and
476	Corrosion and advanced coating	CUTM1404	2020	Employability:Learn about different surface coating technologies and to know substrate
477	Synthesis and application of nano	CUTM1405	2020	Skill developmet:To provide knowledge of the advantages of using different types of
478	Material behavior of nanostructures	CUTM1406	2020	Skill development: It will enhance the ability of the students to explore various
479	Emerging materials	CUTM1407	2020	Employability: Students will be able to work in research and industrial set up on material

480	Synthesis routes of nanomaterials	CUTM1408	2020	Skill development: To enhance the skill of the students for fabrication of various nano
481	Computational materials science	CUTM1409	2020	Skill development: It will expose the students to the face the challenges in the
482	Plasma technology	CUTM1410	2020	Employability: To understand fundamental characteristics of plasma, various plasma
483	Essentials of nanomaterials	CUTM1411	2020	Skill development: To understand and use the properties of Nano-materials in diverse
484	Advanced quantum mechanics	CUTM1412	2020	Skill development: To improve the ability of the student to co-relate the theory and the
485	Physics of solids and semiconductors	CUTM1413	2020	Skill development: Will be able to explain the physical characteristics such as electronic
486	Laser technology	CUTM1414	2020	Skill development: To acquire a thorough understanding of the theory of modern Laser
487	Industrial chemicals	CUTM1415	2020	Employability- Plastic Additive, Specialty Chemicals, Market Directed Specialty and
488	Pharmacognosy and phytochemistry	CUTM1416	2020	Employability- The whole content of the syllabus
489	Polymer chemistry	CUTM1417	2020	Employability- Fundamental , Copolymerization, Radical Polymerization
490	Packaging	CUTM1418	2020	Employability- Fundamentals of packaging , Conversion technology , Specialty packaging
491	Industrial pollution and its waste	CUTM1419	2020	Employability- Fundamentals of pollution , Water quality standard , Methods of
492	Toxicology	CUTM1420	2020	Employability- Concepts of toxicology, Toxicity Pathways, Toxicity mechanism, Integrated
493	Biopolymer and hydrogel	CUTM1421	2020	Employability- Fundamentals of biopolymers, Polymer biodegradation and
494	Nano-pharmaceuticals and biomedical	CUTM1422	2020	Employability- Nanotechnology in Food and pharmaceutical industry , Nanotechnology in
495	Synthetic organic chemistry	CUTM1423	2020	Employability- Fundamentals , Organic Reagents , Molecular Rearrangement
496	Energy storage system	CUTM1424	2020	Employability- whole content of Energy storage system syllabus
497	Sustainable chemistry	CUTM1425	2020	Employability- Fundamental, Green Chemistry, Green Solvents, Green Synthetic
498	Analytical techniques	CUTM1426	2020	Employability- Basic Tools of Analytical Methods, Chemical Equilibria for
499	Numerical Methods for CFD	CUTM1526	2020	Skill- Evaluate finite difference/volume schemes on model problems of
500	Fluid Dynamics	CUTM1527	2020	Skill- To apply fluid dynamics problems using different tools.
501	Geometry and Grid Generation	CUTM1528	2020	Employability- Understand the construction techniques of structured and unstructured
502	Applications of CFD using Computational	CUTM1529	2020	Employability- Understand the construction techniques of structured and unstructured

503	Advanced differential equations	CUTM1530	2020	Skill – Solve the problems choosing the most suitable method
504	Graph Theory	CUTM1531	2020	Skill –To impart knowledge about tracing of graphs and network analysis
505	Optimization techniques	CUTM1532	2020	Skill –To impart knowledge about various computational methods for fluid flow and
506	Advanced Statistical Methods	CUTM1533	2020	Skill – Ability to learn new statistical analysis techniques using python
507	Applied Number Theory	CUTM1534	2020	Skill- Enhance and reinforce the student's understanding of concepts through the use
508	ADVANCED COMPLEX ANALYSIS	CUTM1535	2020	Employability - To know about special functions like Riemann zeta function which
509	TOPOLOGY	CUTM1536	2020	Skill - To introduce the student to maps between topological spaces
510	DIFFERENTIAL GEOMETRY	CUTM 1537	2020	Employability - Study about notations and operations of Tensor
511	ADVANCED ALGEBRA	CUTM1538	2020	Employability - Effectively write abstract mathematical proofs in a clear and logical
512	Herbal Cosmetic Technology	CUTM1427	2020	Employabilityand Skill- Students Completed practice on analysis of carbohydrates,
513	Plant Physiology and Metabolism	CUTM 1428	2020	Employability and Skill - Hand on Isolation of chloroplast and measurement of electron
514	Good Manufacturing Practices-Herbal	CUTM 1429	2020	Skill-Learn the concept of quality standards in terms of ISO-9000 and quality audit and
515	Developmental Biology and	CUTM 1430	2020	Employability and Skill- understand the morphology and development of
516	Systematics and Diversity of Plants	CUTM 1431	2020	Employability and Skill- Identification of plants based on morphology and
517	Advanced Separation Technologies and	CUTM 1432	2020	Skill-Learn different extraction techniques, can handle
518	Biochemistry and Enzyme Technology	CUTM 1433	2020	Employability-Learn techniques employed in enzymes purification and characterization,
519	Advances In Plant Ecology	CUTM 1434	2020	Employability and Skill- Learn to critically evaluate environment pollution issues,
520	Computational Biology	CUTM 1435	2020	Employabilityand Skill- Hand on skill and practical knowledgr on different
521	Microbiology	CUTM 1436	2020	Employability and Skill-Students can do practicals and learnt on preparation and
522	Cell and Molecular Biology	CUTM 1437	2020	Employability and Skill-Perform comparative karyotypic analysis, techniques like
523	Bioanalytical Techniques	CUTM 1438	2020	Skill-Students will be exposed to various biological techniques and their applications
524	Plant Biotechnology	CUTM 1439	2020	Entrepreneurship- Learn the basics principles of plant sciences and molecular biology and
525	Plant Breeding and Genetics	CUTM 1440	2020	Skill-Learn to carry out specific plant breeding activities, such as selection of

526	Plant Genomics	CUTM 1441	2020	Skill-Learn to understand genomics and proteomics and the different approaches
527	Advanced Aquaculture	CUTM1442	2020	Skill - Systems of aquaculture - Pond culture , Pen culture, Cage culture and Running water
528	Animal Biotechnology	CUTM1452	2020	Employability - Media preparation, Role of important components of culture media;
529	Animal Breeding	CUTM1453	2020	Employability - Problems relating to gene and genotypic frequencies under different
530	Coastal Aquaculture	CUTM1447	2020	Skill-Principles of pond design – Inland and Coastal, Tank and raceway farms, cage
531	Water and Soil Quality Management in	CUTM1443	2020	Skill - Fertilizers and manures: Different kinds of fertilizers and manures; fertilizer
532	Anatomy and Biology of Fish and Shellfish	CUTM1446	2020	Skill - Basic Structural Features, Body shape,scales, and fins , Internal features.
533	Fish Processing and Value addition	CUTM1448	2020	Skill - Contribution of aquaculture , Implications for the processing industry,
534	Fish and Shellfish Nutrition	CUTM1444	2020	Skill - Principal Nutrients essential for feed formulation, Role of different nutrients on
535	Animal Physiology and Biochemistry	CUTM1450	2020	Employability - • Study of T.S/L.S/V.S of digestive organs
536	Immunology and Cancer Biology	CUTM1451	2020	Employability - Cells and Organs of the Immune System, Structure and function of
537	Bioanalytical Techniques	CUTM1438	2020	Skill - To study and gain expertise on differential and cytological staining
538	Fish and Shellfish Health Management	CUTM1445	2020	Skill - , stress in aquaculture and its role in disease development, pathological
539	Cell and Molecular Biology	CUTM1437	2020	Skill - 1. Visualization of DNA by performing agarose gel electrophoresis and extraction of
540	Ornamental Aquaculture	CUTM1449	2020	Skill - External morphology of important marine aquarium fishes, External
541	Genetics and Epigenetics	CUTM1454	2020	Skill - Identification of particular linkage groups with specific chromosome, Physical
542	Microbiology	CUTM1436	2020	Skill - Preparation of bacterial smear and staining – Gram’s, Acid-fast, Staining of
543	Mathematical Physics-I	CUTM1483	2020	Skill - Practice using programming in C.
544	Mechanics	CUTM1484	2020	Skill - Mechanics Lab
545	Thermal Physics	CUTM1485	2020	Employability - Laws of Thermodynamics, Carnot engine & efficiency. Carnot’s
546	Waves and Optics	CUTM1486	2020	Employability - Interferometer, Diffraction grating. Resolving power of grating, Fresnel’s
547	Mathematical Physics-II	CUTM1487	2020	Skill - Practice using Scilab leads to computational skill.
548	Electricity and Magnetism	CUTM1488	2020	Employability - Magnetic Properties of Matter, Magnetization, Electromagnetic

549	Analog System and Application	CUTM1489	2020	Employability - Semiconductor Diodes, Two-terminal Devices and their Application,
550	Mathematical Physics-III	CUTM1490	2020	Skill - Develop the skill of solving mathematical problems using Scilab.
551	Elements of Modern Physics	CUTM1491	2020	Employability - Radioactivity, Fission and Fusion, Lasers.
552	Digital Systems and Applications	CUTM1492	2020	Employability - CRO uses, Integrated Circuits, Digital Circuits, Data processing circuit,
553	Quantum Mechanics and Applications	CUTM1493	2020	Employability - Schrodinger equation and its solution, its application, hydrogen-like
554	Solid State Physics	CUTM1494	2020	Employability - Magnetic properties of materials, dielectric properties of materials,
555	Electromagnetic Theory	CUTM1495	2020	Skill - Electromagnetic lab.
556	Statistical Mechanics	CUTM1496	2020	Skill - Learn to solve statistical physics problems through computational methods
557	Atomic Structure and Chemical bonding-I	CUTM1469	2020	Employability-Wave mechanics,Atomic structure-2,Periodic Properties-I &II,Ionic
558	States of matter and ionic equilibrium	CUTM1470	2020	Employability- Gaseous State-I & II, Liquid State, Solid State,Ionic Equilibria I,II and III.
559	Basics and Hydrocarbons	CUTM1471	2020	Employability-Basics Organic Compounds, Reaction Intermediate , Chemistry of
560	Chemical Thermodynamics and	CUTM1472	2020	Employability-Chemical Thermodynamics,Chemical Thermodynamics
561	S- and P-block elements	CUTM1473	2020	Employability- General Principles of Metallurgy,Acids and Bases,Chemistry of s
562	Oxygen Containing Functional Groups	CUTM1474	2020	Employability- Chemistry of Alkyl Halides,Aryl Halides and Organometallic
563	Phase Equilibria& Chemical Kinetics	CUTM1475	2020	Employability-Phase Equilibria-1,3 , Chemical Kinetics 1&2, Catalysis, Surface Chemistry,
564	Coordination Chemistry	CUTM1476	2020	Enterprenurship-Crystal Field Theory,Transition Elements Employability-
565	Heterocyclic Chemistry	CUTM1477	2020	Empoybility-Amines, 5 and 6 membered Heterocyclic Compounds containing one
566	Electrochemistry	CUTM1478	2020	Employability-Conductance I,II, and III , Electrochemistry I.II Enterprenurship-Energy
567	Bio-molecules	CUTM1479	2020	Employability-Amino acids, peptide and proteins, Enzymes, Bio-imaging and Bio-
568	Quantum Chemistry & Spectroscopy	CUTM1480	2020	Employability-Quantum Chemistry ,Introduction to Molecular Spectroscopy
569	Organometallic chemistry	CUTM1481	2020	Skill-Study of the following industrial processes and their mechanism and All
570	Spectroscopy	CUTM1482	2020	Employability- Carbohydrates, Enterprenurship-Dyes Skill-
571	Calculus	CUTM1511	2020	Skill- Tracing of different curves and functions.

572	Linear Algebra	CUTM1512	2020	Skill –To gain the knowledge on MATLAB and uses in algebra.
573	ANALYSIS-I	CUTM-1513	2020	Skill –• Describe the real line as a complete, ordered field.
574	ANALYSIS-II	CUTM-1515	2020	Skill –• Describe the Riemann integrable and Riemann sums
575	MODERN ALGEBRA	CUTM1516	2020	Skill – Effectively write abstract mathematical proofs in a clear and logical
576	ADVANCED ANALYSIS	CUTM1519	2020	Skill –To point out that iterative processes and convergence of sequences occur in
577	Ordinary Differential Equations	CUTM1514	2020	Skill –To understand solving Free Undamped Motion of a Spring System using Python and
578	Partial Differential Equations and	CUTM1517	2020	Skill –Application of MATLAB in system of differential equations
579	Numerical Analysis	CUTM1518	2020	Skill – Numerical Solution of different linear and non-linear equations using software.
580	Complex Analysis	CUTM1520	2020	Skill –Learn the Plotting of complex functions using Matlab
581	Integral Transformations	CUTM1521	2020	Skill –To learn the Fourier series expansions of periodic functions by using Matlab
582	Discrete Mathematical	CUTM1522	2020	Skill –To work with different types of Sets, Lattices and Boolean Algebra using Python
583	Linear Programming	CUTM1523	2020	Skill - To demonstration of the utilization of Linear Programming Problems in industry
584	Probability and Statistics	CUTM1524	2020	Skill- To apply probability and statistics in engineering and science like disease
585	Phycology and Microbiology	CUTM1455	2020	Employability- Classification and identification of microbes and algae.
586	Biomolecules & Cell biology	CUTM1456	2020	Employability- Carbohydrates,Lipids,Nucleic Acids,Bioenergetics
587	Mycology & Phytopathology	CUTM1457	2020	Skill-Practice on identification of different
588	Archegoniate	CUTM1458	2020	Employability-Learn the phylogeny of archegoniate .
589	Anatomy of Angiosperms	CUTM1459	2020	Employability-Learn identification of plants based on cytotaxonomy, helps in forensic
590	Economic Botany	CUTM1460	2020	Entrepreneurs- Practice on Economic importance of Cereals, Legumes, Tea plant
591	Basics of Genetics	CUTM1461	2020	Skill-Learn to carry out specific activities, such as selection of parental germplasm,
592	Molecular Biology	CUTM1462	2020	Skill- Students can isolate plant DNA & quantification of extracted DNA by
593	Plant Systematics	CUTM 1464	2020	Employability- Students can easily identified plants, prepared and seposited herbarium,
594	Reproductive Biology of Angiosperm	CUTM1465	2020	Employability -Keen Observations of some of the variation in different parts of sample

595	Plant Physiology	CUTM1466	2020	Employability- A keen observation and application of Plant water relationship and
596	Plant Metabolism	CUTM1467	2020	Employability- Students isolate and quantify the biomolecules, metabolites present on
597	Plant Biotechnology	CUTM1468	2020	Entrepreneurship- Learn the basics principles of plant sciences and molecular biology and
598	Non – Chordates-I-	CUTM1497	2020	Employability - General characteristics and Classification up to classes, General
599	Non Chordates-II	CUTM1498	2020	Employability - General characteristics and Classification up to classes, General
600	Developmental Biology	CUTM1509	2020	Employability - Late Embryonic Development: Fate of Germ Layers, Extra-
601	Principles of Genetics	CUTM1508	2020	Employability - Genetic and environmental basis of sex determination; Chromosomal
602	Animal Physiology- Life sustaining system	CUTM1505	2020	Employability - Cardiac cycle, Cardiac output and its regulation, Frank-Starling Law of the
603	Diversity of Chordates	CUTM1501	2020	Employability - General characteristics of Chondrichthyes and Osteichthyes,
604	Biochemistry of Metabolic Processes	CUTM1506	2020	Employability - Sequence of reactions and regulation of glycolysis & Gluconeogenesis,
605	Principles of Ecology	CUTM1499	2020	Employability - Population: Unitary and Modular populations Unique and group
606	Cell Biology	CUTM1500	2020	Employability -Cell Division and Cell cycle: Mitosis, Meiosis; Regulation of cell cycle. Cell
607	Fundamentals of Biochemistry	CUTM1503	2020	Employability - Enzyme kinetics;Factors affecting rate of enzyme-catalyzed
608	Animal Physiology: Controlling and	CUTM1502	2017	Employability - Components of blood and their functions,Structure and functions of
609	Comparative Anatomy of Vertebrates	CUTM1504	2017	Employability - 1. Temporary mount of external scales in fishes (cycloid, placoid,
610	Evolutionary Biology	CUTM1510	2017	Employability - Phylogenetic trees , Multiple sequence alignment , constructions of
611	Molecular Biology	CUTM1507	2017	Employability - 1. Isolation and spectrophotometric estimation of DNA
612	Fundamentals of Agronomy	ASAG1101	2018	Understanding the tools of agronomy and their application in crop production: skill
613	Fundamentals of Genetics	ASPG1101	2018	Application of genetic principles in plant breeding:employability& skill dev.
614	Fundamentals of Soil Science	ASAC1101	2018	Understanding the theory of soil science and its characteristics :employability.
615	Fundamentals of Horticulture	ASHO1101	2018	Understanding the fundamentals of various aspects of horticulture crops :employability
616	Fundamentals of Plant Pathology	ASPP1101	2018	Understanding the fundamentals of plant disease causing organisms and their
617	Rural Sociology & Educational	ASEE1102	2018	Learning the basic concepts of rural sociology and psychology for its application

618	Soil and Water Conservation	ASAE1101	2018	Understanding about the principles of soil water conservation:employability
619	NSS/NCC/Physical Education & Yoga	ASPE1101	2018	Understanding and application of different yoga asanas and pranayama techniques for
620	Comprehension & Communication	ASEL1101/	2018	Develop knowledge of english communication through presentation,
621	Irrigation water management	ASAG1206	2018	Understanding the practices of water management and its application in irrigation
622	Production Technology for	ASHO1203	2018	Understanding the different methods i.e. seed treatment and vegetative propagation
623	Fundamentals of Entomology –I (Insect	ASEN1201	2018	Understanding the basic principles of morphology of different plant disease
624	Fundamentals of Agricultural Extension	ASEE1201	2018	Learning about the latest extension methods i.e. audio-visual aids, field demonstration:
625	Farm Machinery and Power	ASAE1202	2018	Learning about latest machines used in crop production: employability
626	Crop Production Technology – I	ASAG2103	2018	Developing skills i.e. field management, cultural practices, disease and pest
627	Fundamentals of Plant Breeding	ASPG2103	2018	Understand the basic methods of plant breeding i.e. emasculation and crossing : Skill
628	Fundamentals of Entomology- II (Insect	ASEN2102	2018	Understanding the basic principles of morphology of different plant disease
629	Weed management	ASAG2105	2018	Identification of Weeds and its management in different crops : employability
630	Production technology of fruits	ASHO2102	2018	Understanding the different methods i.e. grafting, budding and layering for production
631	Agricultural Informatics	ASAI2101	2018	To disseminate,capture,access information to achieve sustainable use of agricultural
632	Communication skills and personality	ASEE2104	2018	Develop knowledge of english communication through presentation,
633	Crop Production Technology –II (Oil	ASAG2204	2018	Developing skills i.e. field management, cultural practices, disease and pest
634	Production Technology for	ASHO2204	2018	To gain expertise in production of ornamental crops and landscaping :
635	Renewable Energy and Green Technology	ASAE2203	2018	Understanding the principles of renewable energy for agriculture practice: employability
636	Manures, Fertilizers and Soil Fertility	ASAC2202	2018	Understanding the manures and fertilizer and its application:skill and employability.
637	Fundamentals of Plant Biotechnology	ASPB2201	2018	Understanding and learning about the methods of plant biotechnology i.e. DNA
638	Rain-fed Agriculture & Watershed	ASAG2211	2018	Understanding the methods of rainwater harvesting and groundwater rechargement
639	Principles of seed technology	ASPG2202	2018	Gaining knowledge in seed storage, certification and marketing ways:
640	Diseases of Field and Horticultural Crops	ASPP2202	2018	Identification and management of diseases of field crops :employability

641	Entrepreneurship Development and	ASEE3103	2018	Development of entrepreneurial mindset and entrepreneurial skills for building a start-
642	Problematic Soils and their Management	ASAC3103	2018	Understanding fertility and pH levels of soil to manage problematic soils :skill dev and
643	Pests of field Crops and Stored Grain and	ASEN3103	2018	Identification and management of store pest and management of field crops
644	Diseases of Field and Horticultural Crops	ASPP3103	2018	Identification and management of diseases of horticultural crops :employability
645	Crop Improvement-I (Cereals,millets,pulses	ASPG3104	2018	Developing skills i.e. field management, cultural practices, disease and pest
646	Principles of food science and nutrition	ASFS3101	2018	Identification of microbes in food processing and packaging: employability
647	Geoinformatics and Nano-technology for	ASAG3110	2018	To gain knowledge in nano materials and geoinformatics applicaions i.e. moonsoon
648	Practical Crop Production – I (Kharif	ASAG3108	2018	To gain expertise in production of commercial kharif crops: employability
649	Farming System & Organic farming for	ASAG3207	2018	To gain expertise in organic farming practice: employability, skill development and
650	Practical crop production II (Rabi	ASAG3209	2018	To gain expertise in commercial rabi crop production: employability
651	Post-harvest Management and	ASHO3205	2018	Understanding different practices with relation to Value addition of fruits and
652	Pests of horticultural crops and their	ASEN3204	2018	Identification and management of crop & storedgrain pests :employability & skill dev
653	Crop Improvement-II (fibre, sugar, starches,	ASPG3205	2018	Developing skills i.e. field management, cultural practices, disease and pest
654	Principles of Integrated Pest and	ASPP3204	2018	Identification of insects pests of different crops and its integrated pest management-
655	Protected cultivation and post harvest	ASAE3204	2018	Understanding different practices with relation to Value addition of fruits and
656	Intellectual Property Rights	ASIP3201	2018	Understanding the process to file patent and register for copyrights:skill and employability.
657	Farm Management	ASEC3204	2018	Expertise to manage agriculture farm : Employability
658	Agribusiness Management	ASFE2207	2018	Understanding agriculture and allied business along with building skills i.e.
659	Agrochemicals	ASFE2206	2018	Gaining information on different types of agrochemicals used in agriculture:
660	Commercial Plant Breeding	ASFE2204	2018	Understanding of commercial plant breeding techniques i.e. emasculation, crossing and
661	Food safety and Standards	ASFE2201	2018	Understanding the different food safety principles i.e. pasturization, canning etc: Skill
662	Biopesticides & Biofertilizers	ASFE2205	2018	Understanding the techniques involved in biopesticide and biofertilizer production:
663	Micro propagation Technologies	ASFE2208	2018	Gaining knowledge in different micro irrigation techniques i.e. sprinkler and drip

664	Hi-tech. Horticulture	ASFE2202	2018	Gaining knowledge in different techniques i.e. vertical farming and hydroponics of
665	Remote Sensing & GIS Applications	ASFE2209	2018	Understanding the applications of remote sensing i.e. analyzing the condition of rural
666	Climate Smart Agriculture	ASFE2210	2018	Gaining knowledge on the usage of drones in agriculture for crop improvement:
667	E-Agriculture	ASFE2212	2018	Gaining knowledge in technology dissemination, and information delivery
668	Agricultural Waste Management	ASFE2203	2018	Understanding the various methods for agricultural waste management i.e. green
669	Principles of Aquaculture	ASFE2213	2018	Understanding the various methods i.e. breeding, raising and harvesting in fish
670	RAWEP	AGRW4101	2018	To impart diagnostic and remedial practical training and skills in crop
671	AELP	AGEL4201	2018	To promote professional skills and knowledge through hands on experience. To
672	Organic Farming	CUOF2230	2020	Production of organic vegetables & fruits- Entrepreneurship & skill dev
673	Certification and Inspection Systems in	CUOF2231	2020	To understand about the quality and safety standards of organic goods-Employment
674	Biopesticides and Biofertilizers	CUOF2232	2020	To understand the production of Bio fertilizers i.e. VAM, PSB, AZACTOBACTER-
675	Organic production-field crops	CUOF2233	2020	To understand about the quality and safety standards of organic field crops-
676	Organic production-horticultural crops	CUOF2234	2020	To understand about the quality and safety standards of organic horticultural crops-
677	Biofertilizer and Biopesticide	CUOF2235	2020	Understanding the techniques involved in biopesticide and biofertilizer production:
678	AELP Project	CUOF2236	2020	To promote professional skills and knowledge through hands on experience. To
679	Breeding methods: conventional and	CUSP2260	2020	Gaining expertise in breeding of varieties of Vegetable, Tuber and Spice Crops -
680	Seed production of vegetable and cereals	CUSP2261	2020	Gaining expertise in seed production of cereal crops- Entrepreneurship & skill
681	Seed certification	CUSP2262	2020	Understanding the process of certification of new seed varieties: Employability
682	Hybridization techniques	CUSP2263	2020	Understand the principles of hybridization and its implementation in crop
683	Vegetable Seed production	CUSP2264	2020	Understanding and hands on training work with different vegetable seed production:
684	Cultivar purity and seed quality testing	CUSP2265	2020	Gaining expertise in seed quality testing of pure cultivars - Entrepreneurship & skill
685	AELP Project	CUSP2266	2020	To promote professional skills and knowledge through hands on experience. To
686	Computational Biology	CUGE2270	2020	Employment: Molecular modelling of Biomecules using bioinformatics tools

687	Genetic Engineering and its applications	CUGE2271	2020	Employment:Production of genetically modified varieties using advanced molecular
688	Molecular Genomics	CUGE2273	2020	Understanding the principles of molecular biology. Production of genetically modified
689	Plant Tissue Culture Technologies	CUGE2274	2020	Learning about cultures for purity and rapid multiplication of planting materials: Skill,
690	Techniques in Molecular Biology	CUGE2275	2020	Employment:Production of genetically modified varieties using advanced molecular
691	AELP Project	CUGE2276	2020	To promote professional skills and knowledge through hands on experience. To
692	Introduction to Nutraceutical	CUNU2280	2020	Employment:Production of nutritional enriched foods
693	Functional Food	CUNU2281	2020	Employment:Production of nutritional enriched foods
694	Nutrigenetics	CUNU2282	2020	Employment:Production of nutritional enriched foods
695	Development of Personalized Food	CUNU2283	2020	Employment:Production of nutritional enriched foods
696	Development of Biopesticides and	CUNU2284	2020	Understanding the techniques involved in biopesticide and biofertilizer production:
697	Development of Immune Boosters	CUNU2285	2020	understanding the methods involved in the development of immune boosters
698	AELP Project	CUNU2286	2020	To promote professional skills and knowledge through hands on experience. To
699	Applied hi-tech horticulture	CUAG2290	2020	Production of high value crops under controlled environment- Entrepreneurship &
700	Protected cultivation of vegetable crops	CUAG2291	2020	Production of high value crops under controlled environment- Entrepreneurship &
701	High-tech fruit culture	CUAG2292	2020	Production of high value crops under controlled environment- Entrepreneurship &
702	Management of high-value cut-flowers	CUAG2293	2020	Production of high value crops under controlled environment- Entrepreneurship &
703	Management of crops in hydroponics	CUAG2294	2020	Production of high value crops under controlled environment- Entrepreneurship &
704	Use of smart tools for precision crop	CUAG2295	2020	Production of high value crops under controlled environment- Entrepreneurship &
705	AELP Project/Industrial	CUAG2296	2020	To promote professional skills and knowledge through hands on experience. To
706	Applied hi-tech horticulture	CUPH2300	2020	Production of high value crops under controlled environment- Entrepreneurship &
707	Protected cultivation of vegetable crops	CUPH2301	2020	Production of high value crops under controlled environment- Entrepreneurship &
708	High tech fruit culture	CUPH2302	2020	Production of high value crops under controlled environment- Entrepreneurship &
709	Production technology of cut	CUPH2303	2020	understanding the Scope and importance of cut and loose flowers- Entrepreneurship &

710	Protected floriculture	CUPH2304	2020	Production of high value floriculture crops under controlled environment-
711	Production management of	CUPH2305	2020	Understanding the importance and practices for production technology of medicinal and
712	AELP Project	CUPH2306	2020	To promote professional skills and knowledge through hands on experience. To
713	Agri Food Markets and Value Chain	CUAB2320	2020	Employment:bring agricultural product from production in the field to final consumption,
714	Agri Input Marketing	CUAB2321	2020	Skill: promotes professional marketing skills & knowledge to the participants, important
715	Rural Haat and Market Analysis	CUAB2322	2020	To understand the scenario and marketing strategies at rural haat- Entrepreneurship &
716	Community Owned and Managed Agri	CUAB2323	2020	To gain knowledge of community based farming and product development-
717	Agri Warehouse Management	CUAB2324	2020	To gain knowledge on food grain storage and its management at ware house- Employability
718	Sales and Distribution of Agrifood Products	CUAB2325	2020	To gain knowledge on sales and distribution of agri food products-Entrepreneurship and
719	Storage Entomology	CUFS2330	2020	Employment:Post harvest storage of fruits and vegetables with management practices
720	Seed pathology	CUFS2331	2020	Skill and employment: Future storage of various seeds under protected condition.
721	Post-harvest biochemistry and	CUFS2332	2020	Skill:Detection of Biochemical and physiological alterations at post harvest
722	Recent trends in post-harvest technology	CUFS2333	2020	To gain knowledge and updates of recent advancement in post harvest technology of
723	Pest management techniques in storage	CUFS2334	2020	To understand about different possible pest responsible for post harvest losses and their
724	Post-harvest storage of fruits and	CUFS2335	2020	To understand about the different factors responsible for post harvest losses and
725	AELP Project	CUFS2336	2020	To promote professional skills and knowledge through hands on experience. To
726	Milk Processing in Dairy Industry	CUDP2240	2020	Entrepreneurship: Understanding the process of milk based product development.
727	Dairy Starters in Fermented Milk	CUDP2241	2020	Entrepreneurship: Understanding the process of milk based product development.
728	Quality Assurance in Dairy Industry	CUDP2242	2020	Employment:Quality check of milk based products under govt. norms
729	Dairy Products Development	CUDP2243	2020	Entrepreneurship: Understanding the process of milk based product development.
730	Synbiotic Dairy Foods	CUDP2244	2020	Entrepreneurship: Understanding the process of probiotic and prebiotic dairy
731	Project/Industrial internship	CUDP2246	2020	Employability and skill.
732	Post harvest handling and processing of fish	CUFT2350	2020	Entrepreneurship:Post harvest handling and processing of fish and shellfish

733	Design, maintenance of fish processing	CUFT2351	2020	Entrepreneurship:Development and maintenance of fish processing plants
734	Quality assurance, management and	CUFT2352	2020	Skill and employment:involves quality assurance of fish and fish based products
735	Fish and shellfish waste management	CUFT2353	2020	Skill and Employability:To gain knowledge on various fish and shell fish byproducts,and
736	Microbiological analysis of fish and	CUFT2354	2020	Skill and employability:To gain knowledge on sampling,processing and detection of
737	Biochemical analysis of fish and fisheries	CUFT2355	2020	Skill and employment:To familiarize with different fish physiochemical quality
738	Preparation of different fisheries	CUFT2356	2020	Skill and employment:To teach scientific techniques of fish processing and value
739	Intensive Fish Rearing	CUAQ2250	2020	Skill & Entrepreneurship- To gain knowledge on intensive fish farming
740	Ornamental Fish Farming	CUAQ2251	2020	Skill & Entrepreneurship- to gain knowledge on marketing opportunity and scope of
741	Biofloc Aquaculture	CUAQ2252	2020	Skill & Entrepreneurship- To gain knowledge on recent advancement in fish farming and
742	Framing of SOPs for Intensive fish culture	CUAQ2253	2020	Skill & Entrepreneurship- To gain knowledge on SOP framing in intensive fish farming
743	Health Management in Aquaculture	CUAQ2254	2020	Skill, employability & Entrepreneurship- To learn the procedures of health management
744	Feed Management in Aquaculture	CUAQ2255	2020	Skill & Entrepreneurship-To gain knowledge on feed management in aquaculture
745	Aquaculture rearing	CUAQ2256	2020	Skill & Entrepreneurship-To gain knowledge on the techniques involved in aquaculture
746	Principles and practices of weed	MAAG 1102*	2017	Skill development: Identification of different weeds and their control which in turn would
747	Principles and practices of water	MAAG 1103*	2017	Skill development: The students can learn about judicious water management using
748	Agronomy of major cereals and pulses	MAAG 1204*	2017	Skill development: Students gain an insight into the different package and practices for
749	Agronomy of oilseed, fibre and sugar crops	MAAG 1205*	2017	Skill development: Students gain an insight into the different package and practices for
750	Cropping systems and sustainable	MAAG 1206*	2017	Skill development: The students acquire knowledge about different cropping systems
751	Dry land farming and watershed	MAAG2107*	2017	Skill development: On the basis of climatic situations, students will learn raising of
752	Master's seminar	MAAG1291*	2017	To exploit newly evolved research techniques for enhancing the traits in
753	Soil fertility and fertilizer use	MASA1101	2017	Skill development: Students gain knowledge on the application of fertilizers and soil
754	Management of problem soils and	MASA1202	2017	Skill development: students study different methods for the reclamation of problematic
755	Statistical methods for applied sciences	MAST 2102	2017	Skill: To exploit various statistical tools as well as techniques to compile raw data for

756	Experimental designs	MAST 1201	2017	The students can analyze the data of field experiments and interpret the same in the
757	Library and information services	MALI1101	2017	Skill development: To gain knowledge on the utilization of library resources for the research
758	Technical writing and communication	MACS1101	2017	Skill development: learn the style and skill of writing technical papers
759	Intellectual property and its management	MAIP 1201	2017	Employability and Skill development: students get an overall idea of IPR and their
760	Basic concepts in laboratory techniques	MALT1201	2017	Skill: students do learn the usage of different laboratory equipments along with the
761	Agricultural research, research ethics and	MAAR2101	2017	Employability and Skill development: Acquire knowledge for research ethics and
762	Production technology of warm	MAVS 1102*	2017	Skill: The students can train others as well as the knowledge can be implemented for
763	Breeding of vegetable crops	MAVS 1103*	2017	Research: can carry out research to generate new varieties further leading to
764	Production technology of under	MAVS 1205*	2017	Entrepreneurship and research to conserve the fading races thereby promoting the
765	Seed production technology of	MAVS 2106*	2017	Entrepreneurship, skill and research: Development of quality seeds and planting
766	Fundamentals of processing of	MAVS 2108*	2017	Entrepreneurship and skill: To utilize the knowledge in various processing units
767	Post harvest technology for fruit	MAFS1205	2017	Entrepreneurship and skill
768	Principles of plant breeding	MAGP1103	2017	Research: can carry out research to generate new varieties which further lead to
769	Principles and practices of water	MAAG1103	2017	Skill and research: To learn the judicious utilization of water during various
770	Principles of genetics	MAGP 1101*	2017	Practical skills and concepts leading to research to generate high yielding varieties.
771	Principles of plant breeding	MAGP 1103*	2017	Technical skills leading to research
772	Principles of quantitative genetics	MAGP 1204*	2017	Technical Skills leading to research in quantitative genetics
773	Heterosis breeding	MAGP2107	2017	expertise leading to research in breeding .
774	Biotechnology for crop improvement	MAGP 1206*	2017	Research and skill: To raise new crop varieties using the tools of molecular biology
775	Master's Seminar	MAGP 2191*	2017	It is a skill to bring forward the problems as well as solutions to combat the problems
776	Principles of biotechnology	MAMB1101	2017	Learn the tools and techniques of biotechnology and its applications
777	Techniques in molecular biology I	MAMB1205	2017	Skill: Students learn the techniques of molecular biology and further carry out
778	Genomics and proteomics	MAMB 2110	2017	Research and entrepreneurship: The tools and techniques of both the sciences help the

779	Development perspectives of	MAEX1101*	2017	Employability: Some concepts in this course and the rural development programs can
780	Development communication and	MAEX1102*	2017	Skill and research: students can learn the skills and involve in research activities
781	Diffusion and adoption of	MAEX1103*	2017	Research: Students can carry out research on adoption and diffusion of innovations
782	Gender sensitization for development	MAEX1105*	2017	Research and employability: provide them an opportunity to work in sectors relating to
783	Research methods in behavioral sciences	MAEX 1206*	2017	Students get an opportunity to learn the basic concepts of research
784	e-Extension	MAEX 1207*	2017	Skill: Students can learn the usage of various tools related to ICT activities and further
785	Market led extension management	MAEX 1208*	2017	Entrepreneurship: students can learn the marketing and entrepreneurial skills
786	Human Resource Development	MAEX 2109*	2017	Skill: Students can learn the skills of studying human behaviour leading the management
787	Agricultural Marketing & Price Analysis	MAAE 1201	2017	Entrepreneurship: students can learn the marketing skills and serve as entrepreneurs
788	Agricultural Finance and Project	MAAE 2102	2017	Entrepreneurship and research: Students can learn the basic concepts of agricultural
789	Statistical methods for social sciences	MAST 1203	2017	Skill: Students can learn the usage of different statistical tools that in turn would
790	Non-Parametrics	MAST 2104	2017	Skill: Students can learn the usage of different non parametrics such as descriptive
791	Participatory methods for technology	MAEX1104	2017	Skill and employability: students can learn the basic concepts of participatory
792	Entrepreneurship Development and	MAEX2110	2017	Entrepreneurship: Students do learn the entrepreneurial skills which ultimately
793	Taxonomy of Shellfish	FSRM1102	2017	Gain knowledge about the morphometric and meristic character of shellfish for
794	Fish Food Organisms	FSAQ2109	2017	Learn and practice the nutritional requirements of fish/shellfish larvae and
795	Aquatic Ecology, Biodiversity and	FSEM2106	2017	Study the coastal resources, integrated coastal zone management strategies to
796	Freezing Technology	FSPT2103	2017	Understanding the different types of low temperature preservation, handling, storage
797	Genetics and Breeding	FSAQ2111	2017	Gain knowledge on genetic basis of inheritance and breeding plans for
798	Fish Immunology	FSHM2106	2017	Study the types of immunity, antigen-antibody interactions and learn the
799	Fisheries Economics	FSEE2102	2017	Learning the interface between economics and effective management decisions for
800	Coastal Aquaculture and Mariculture	FSAQ2204	2017	To gain knowledge in establishing and managing different fish/shellfish farming
801	Fish Nutrition and Feed Technology	FSAQ2208	2017	Practical knowledge of feed formulation and different feed processing techniques and

802	Fish Packaging Technology	FSPT2205	2017	Learn the different types of packaging, importance of packaging in fish processing,
803	Fish and Shellfish Pathology	FSHM2201	2017	Study fish and shellfish pathogens, their control measures and treatments.
804	Fishing Craft Technology	FSFE2203	2017	Study the operation of various types of traditional and mechanised fishing craft,
805	Fisheries Extension Education	FSEE2207	2017	Acquire skills required to practice various fisheries extension approaches, the transfer
806	Shellfish Hatchery Management	FSAQ2206	2017	Practical skills of seed production and hatchery management of commercially
807	Communication Skills and Personality	FSEE2208	2017	Students will improve interpersonal skills, active listening and responding skills,
808	Intensive Fish Rearing	CUAQ 2250	2020	To enable students intensive production of commercially important fishes in different
809	Ornamental fish farming	CUAQ 2251	2020	Aim to Familiar students with ornamental fish culture and aquarium management- Self
810	Biofloc Aquaculture	CUAQ 2252	2020	To maintaining biofloc culture system with latest technological advancements-Self
811	Framing of SOPs for intensive fish culture	CUAQ 2253	2020	Aim to familiar students with SOPs for fish feed Management and Plant Nutrient
812	Health Mangement in aquaculture	CUAQ 2254	2020	To enable students fish health managements Clinical signs, symptoms and treatment for
813	Feed Management in Aquaculture	CUAQ 2255	2020	To make practice and familiar with Identification of Suitable locally available
814	Aquaculture Rearing	CUAQ 2256	2020	To provide students with a good understanding of auaculture rearing and
815	Introduction to Forensics, Psychology,	CUTM1634	2020	Skill : Student will gain knowledge of Laws, Assessment of Deception and Statistical
816	Instrumental Techniques	CUTM1635	2020	Skill & Employability : Student will perform analysis of various samples by using
817	Crime Scene Management and	CUTM1636	2020	Skill & Employability : Skill to reconstruct crime scene. Student process the simulated
818	Finger prints and Questioned	CUTM1637	2020	Skill, Employability & Entrepreneurship, : Student develops latent fingerprints and lift
819	Business Communication	CUTM1638	2020	Skill : Improvisation in Vocubalary Skills & Personality Development, Improving
820	Quality Management, Narcotic Drugs,	CUTM1639	2020	Skill & Employability : Student learn and perform examination of NDPS drugs and
821	Forensic Biology and Forensic Medicine	CUTM1640	2020	Skill : Student gains knowledge about basics of Human Anatomy, Physiology & Forensic
822	Forensic Serology and DNA Profiling	CUTM1641	2020	Skill & Employability : Students perform experiments to detect the presence of
823	Forensic Toxicology and Pharmacology	CUTM1642	2020	Skill & Employability, : Student isolate and Extract poisons\ Drugs from samples and
824	Forensic Ballistics and Computer Forensics	CUTM1643	2020	Skill & Employability : Student gains knowledge about various aspects of

825	Pharmacology and Pharmaceutical Drug	CUTM1647	2020	Employability : Students do qualitative and quantitative analysis of Pharmaceutical drug
826	Concepts of Toxicology	CUTM1648	2020	Skill & Employability, : Students do analysis of various poison such as metallic poison,
827	Modern and Applied Analytical Forensic	CUTM1649	2020	Skill & Employability : Student performs analysis of Various Cases in Forensic
828	Molecular Biology and Genetics	CUTM1644	2020	Skill & Employability : Student performs serological analysis, quantification of DNA,
829	Biotechnology in Pharmaceutical	CUTM1645	2020	Skill & Employability, : Student studies about recombinant DNA Technology, Quality
830	Environmental Biotechnology	CUTM1646	2020	Skill & Employability, : Student performs practicals to detect pollutants in samples &
831	Modern Trends in Fingerprint Sciences	CUTM1653	2020	Skill, Employability & Entrepreneurship, : Student Classifies, develop, Identifies and
832	Questioned Document and	CUTM1654	2020	Skill, Employability, Entrepreneurship, : Student gains knowledge about instrumental
833	Forensic Photography and Biometric Traits	CUTM1655	2020	Skill & Employability : Student will gain knowledge about Basics of crim scene
834	Assignment	CUTM1656	2020	Skill : Student study various cases where forensic science played significant role in
835	Seminar	CUTM1657	2020	Skill : Student takes up cases and topics relevant to their specialization subjects and
836	Project	CUTM1658	2020	Skill, Employability & Entrepreneurship, : Student develops the skill to undertake
837	Principles of Information Security	CUTM1618	2020	Employability-Focus on the CIA models, tools, and techniques for enforcement of
838	Digital Forensics	CUTM1619	2020	Employability -Focus on analysis and assessment of risk assessment process &
839	Computer Networks	CUTM1620	2020	Skill Development , Employability-Learning about computer network & network security
840	Cyber Crime & Investigations	CUTM1621	2020	Skill Development,Employability-Learning about Analytical Skills,Comprehension of
841	Intellectual Property Rights	CUTM1622	2020	Employability-Making the students aware of their rights for the protection of their
842	Number theory & Cryptography	CUTM1623	2020	Skill Development,Employability-implement and analyse algorithms for integer
843	Advanced Information Security	CUTM1624	2020	Skill Development, Employability-Focus on the CIA models, tools, and techniques for
844	Cyber Forensics	CUTM1625	2020	Skill Development, Employability-Focus on analysis and assessment of risk assessment
845	System and Network Security	CUTM1626	2020	Skill Development, Employability-Gaining practical experience in installation,
846	Cyber Law	CUTM1627	2020	Entrepreneurship-Cyber law is associated with all the areas of business & law which have a
847	Mobile Security Analysis	CUTM1628	2020	Entrepreneurship-Learning of protection of portable devices such as laptops,

848	IT Governance, Risk and Compliance	CUTM1629	2020	Entrepreneurship-strategy for managing an organization's overall governance, enterprise
849	Business Continuity Planning (BCP) And	CUTM1630	2020	Skill Development-Learning how to reduce the overall risk & manage the company
850	Penetration Testing & Vulnerability	CUTM1631	2020	Employability-uncover vulnerabilities in a network and recommend the appropriate
851	Digital Frauds	CUTM1632	2020	Employability-Learning of collecting, investigating, preserving, and presenting
852	Project/Dissertation	CUTM1633	2020	Employability-Research , Development methodology
853	Basics of forensic sciences	CUTM1659	2020	Skill : Student gains knowledge about fundamentals of forensic science,
854	Crime and society	CUTM1660	2020	Skill : Student studies basic cocepts of criminology, criminal profiling, types of
855	English	CUTM1673	2020	skill : Learns to communicate fluently in different business situation, effective oral
856	Criminal law	CUTM1661	2020	Skill : Student studies criminal procedure code, IPC, IEA, constitutions of india, acts
857	Forensic Psychology	CUTM1662	2020	Skill : Student gains knowledge about fundamental concepts of forensic
858	Forensic Dermatoglyphics	CUTM1663	2020	Employability & skill : Student locates, develops, lifts and compares fingerprint for
859	Technological methods in forensic	CUTM1664	2020	Employability & skill : Student uses chromatographic methods to separate
860	Criminalistics	CUTM1665	2020	Employability & skill : Students visit the simulated crime scene and documents the
861	Introduction to biometry	CUTM1675	2020	Skill & Employability : Student learns the basics of biometry, classification and
862	Forensic chemistry	CUTM1666	2020	Employability & skill : Student analyses petroleum products in fire debris, adulterants
863	Questioned documents	CUTM1667	2020	Employability, Entrepreneurship & skill : Student examines the authenticity of
864	Forensic biology	CUTM1668	2020	Employability & skill : Performs analysis of biological and serological evidence such as
865	Handwriting identification and	CUTM1676	2020	Skill & Employability : Student learns importance features in handwriting
866	Analytical Techniques	CUTM1709	2020	Understanding the working principle of Common instruments used in a diagnostic
867	Biological Chemistry	CUTM1710	2020	demonstrate an understanding of fundamental biochemical principles, such as
868	Clinical Hematology	CUTM1712	2020	Differentiate various hematological procedures and the use of basic equipment
869	Clinical Pathology	CUTM1715	2020	Pathological investigations of urine, stool and other biological specimen: Employability/
870	Cell and Molecular Biology	CUTM1714	2020	understand the mechanism of gene expression and protein synthesis;

871	Clinical Biochemistry	CUTM1718	2020	Understanding of principle of biochemical Clinical biochemistry tests; to study about
872	Histology	CUTM1720	2020	Special staining procedures & handling & testing of various cytological specimens:
873	General Microbiology	CUTM1711	2020	practical skills in microscopy and their handling techniques and staining
874	Systemic Bacteriology	CUTM1713	2020	Conceptual basis for understanding pathogenic microorganisms and the
875	Applied microbiology	CUTM1717	2020	Microbiology in diagnostics, hospitals and community: Employability/ Enterpreunership/
876	Medical Parasitology and Mycology	CUTM1716	2020	Identification of pathogenic parasite and fungus in disease diagnosis and treatment:
877	Immunology & Virology	CUTM1719	2020	Immunological investigations and viral diagnosis: Skill dev. & Employability
878	Clinical Bacteriology	CUTM1722	2020	Diagnosis of bacteria from infective regions of the body: Skill dev. & Employability
879	Research Methodology	CUTM1721	2020	Provide learning opportunities to critically evaluate research methodology and findings:
880	Mini Project	CUTM1754	2020	Research paper publication/ case study/ clinical study/ community service/ survey:
881	Project	CUTM1756	2020	Working on a disease/ disorder specific assignment to fill the research gap in the
882	Internship	CUTM1755	2020	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
883	Medical Laboratory Technology	CUTM1723	2020	Quality management in diagnostic division: Employability/ Enterpreunership
884	Blood Banking	CUTM1725	2020	Perform phlebotomy and related donor room activity in blood bank: Skill dev and
885	Health Programme in India	CUTM1726	2020	Perform as a health care team manager: Employability/ Enterpreunership
886	Medical Microbiology	CUTM1724	2020	Demonstrate practical skills in the use of tools, technologies and methods common to
887	Immunology & Parasitology	CUTM1728	2020	To diagnose the immunological investigations and parasites: Skill dev. &
888	Advanced Hematology	CUTM1727	2020	Compare and contrast hematology values under normal and abnormal conditions: Skill
889	General Anatomy	CUTM1757	2020	Comprehend the normal disposition, inter- relationships, gross, functional and applied
890	General Physiology	CUTM1758	2020	Know the physiological principles underlying pathogenesis of disease: Employability
891	Biochemistry	CUTM1732	2020	Understanding the significance of biomolecules in metabolic activities and
892	Cell Biology	CUTM1729	2020	Understand cell signaling and how it regulates cellular functions, also how its dis-
893	Basic computer and Information Science	CUTM1742	2020	Understand the difference between an operating system and an application

894	Medical Law and Ethics	CUTM1734	2020	Apply local, state, and federal standards and regulations for the control and use of health
895	Introduction to Quality and Patient	CUTM1753	2020	Understand policy related to managing lab and infection control:Employability/ Skill/
896	Microbiology	CUTM1733	2020	Concept of the pathogenecity and culturing of microorganisms: Employability/ Skill/
897	Medical Laboratory Management	CUTM1751	2020	Recognize the role of clinical laboratory scientist in the assurance of quality health
898	Medical Instrumentation and	CUTM1730	2020	handling instruments required in Medical Laboratory set up: Skill dev. & Employability &
899	Immunology	CUTM1736	2020	Understanding the concept of Innate & adaptive immune system; performing
900	Molecular Biology	CUTM1737	2020	Basic techniques applicable in Molecular Biology: Skill dev/ Employability
901	Hematology	CUTM1731	2020	Differentiate various laboratory test findings with their associated clinical conditions:
902	Systemic Virology & Mycology	CUTM1735	2020	Understanding pathogenic microorganisms and the mechanisms by which they cause
903	Analytical Biochemistry	CUTM1738	2020	Learning various tests carried out for biochemical analysis & Hormone
904	Public Heath Microbiology	CUTM1740	2020	Understanding the role of microbiologist in public health: Employability
905	Pharmaceutical Microbiology	CUTM1739	2020	understanding of different types of disinfectants/antiseptics and their uses,
906	Industrial Microbiology	CUTM1741	2020	Enhances analytic ability of various physical parameters which affect production of
907	Epidemiology	CUTM1746	2020	Apply the terminology of the Epidemiologic Triad to an infectious disease: Employability
908	Diagnostic Bacteriology	CUTM1747	2020	Lab diagnosis for Enteric infection, Respiratory tract Infection, Oral & Stomach
909	Diagnostic Mycology	CUTM1745	2020	Understanding pathogenic fungi and the mechanisms by which they cause disease in
910	Diagnostic Virology	CUTM1743	2020	Collection, transportation, processing and storage of Virus: Skill dev and Employability
911	Diagnostic Parasitology	CUTM1744	2020	Collectionand identification of Parasites: Skill dev and Employability
912	Applied Hematology	CUTM1749	2020	Understanding of Haemopoietic disorders and their laboratory diagnosis : Skill dev. &
913	Immunopathology	CUTM1750	2020	organization and functioning of the immune system, their diagnostic tests described on
914	Parasitology	CUTM1748	2020	Identification of pathogenic parasite in disease diagnosis and treatment: Skill dev.
915	Mycology & Virology	CUTM1752	2020	Plan and execute investigations relating to fungi to virus: Skill dev and Employability
916	BIOLOGY	CUTM1760	2020	understand how these cellular components are used to generate and utilize energy in

917	MATHEMATICS	CUTM1761	2020	represent linear systems by matrices and solve them for unknown variables: Skill
918	BASIC BIOCHEMISTRY	CUTM1759	2020	The students become conversant with the Fundamentals of Biochemistry which can be
919	RADIOGRAPHIC TECHNIQUE -1	CUTM1767	2020	Position the tube; give instructions to the patient; assist radiologist in various
920	BASIC OF MAGNETIC RESONANCE IMAGING	CUTM1776	2020	Understand patient positioning during the MRI procedure of different organ system to
921	OCULAR ANATOMY	CUTM1782	2020	Comprehend the basic structure and connections between the various parts of
922	GEOMETRIC OPTICS	CUTM1781	2020	predict the basic properties of the images formed on the retina by the optics of the
923	OCULAR PHYSIOLOGY	CUTM1783	2020	List out the physiological principles underlying pathogenesis and treatment of
924	INTRODUCTION TO OPTOMETRY	CUTM1785	2020	Understand the purpose of different instruments used in optometry: Employability
925	PHYSICAL OPTICS	CUTM1784	2020	Predict the distribution of light under various conditions: Employability/ Skill
926	VISUAL OPTICS I	CUTM1786	2020	Predict the basic properties of the images formed on the retina by the optics of the
927	OPTOMETRIC OPTICS I	CUTM1787	2020	Ophthalmic prism knowledge –effects, units, base-apex notation, compounding and
928	OCULAR DISEASES I	CUTM1788	2020	Diagnostic approach and management of the ocular diseases: Employability
929	OCULAR MICROBIOLOGY AND	CUTM1789	2020	Knowledge of pathological processes utilized in the investigation, management and
930	CLINICAL EXAMINATION OF	CUTM1790	2020	Knowledge on the purpose of each test, its indications and contraindications and will be
931	VISUAL OPTICS II	CUTM1791	2020	Theoretical knowledge and practical skill on visual acuity measurement, objective and
932	OPTOMETRIC OPTICS II & DISPENSING	CUTM1792	2020	Facial measurements - Interpupillary distance measurement and measuring
933	OCULAR DISEASES II	CUTM1794	2020	Diagnostic approach, and management of the ocular diseases: Employability
934	CONTACT LENS- I	CUTM1793	2020	Ability to finalize the CL design for various kinds of patients and Recognize various
935	CONTACT LENSES II	CUTM1795	2020	Special cases CL fitting; Identify and manage the adverse effects of contact lens:
936	BINOCULAR VISION I	CUTM1796	2020	Depth perception; Binocular optical defects; Basic binocular evaluation: Employability/ Skill
937	LOW VISION AND REHABILITATION	CUTM1797	2020	Optical, Non-Optical, Electronic, and Assistive devices; Training for Low Vision
938	BASIC & OCULAR PHARMACOLOGY	CUTM1798	2020	Commonly used ocular drugs, mechanism, indications, contraindications, drug dosage
939	BINOCULAR VISION II	CUTM1799	2020	Identify non strabismic anomalies related to accommodation & convergence:

940	PEDIATRIC & GERIATRIC	CUTM1800	2020	Be able to dispense spectacles with proper instructions; Adequately gained knowledge
941	SYSTEMIC DISEASES AND EYE	CUTM1801	2020	Ocular findings of the systemic conditions: Employability
942	OCCUPATIONAL OPTOMETRY	CUTM1802	2020	To be able to prescribe suitable corrective lenses and eye protective wear:
943	LAW AND OPTOMETRY	CUTM1805	2020	Universal consensus that legal and ethical considerations are inherent and inseparable
944	PUBLIC HEALTH & COMMUNITY	CUTM1804	2020	Organize health education programmes in the community; Vision screening for various
945	OPTOMETRIC INSTRUMENTS	CUTM1803	2020	Gain theoretical knowledge and basic practical skill in handling the advanced
946	PROJECT	CUTM1809	2020	Working on a disease/ disorder specific assignment to fill the research gap in the
947	INTERNSHIP	CUTM1810	2020	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
948	Human Anatomy and Physiology I – Theory	BPHT1101	2017	Skill-Employability- Hand on practice on various clinical aspects of human physiology
949	Pharmaceutical Analysis I – Theory	BPHT1102	2017	Skill-Employability-Use the techniques, skills, and modern pharmaceutical instruments
950	Pharmaceutics I – Theory	BPHT1103	2017	Skill- Employability- Entrepreneurship - Understand the impact of pharmaceutical
951	Pharmaceutical Inorganic Chemistry –	BPHT1104	2017	Skill- Employability- Students can prepare various Pharmaceutical dosage form
952	Communication skills – Theory *	BPHT1105	2017	Skill- Students can improve their communication Skill
953	Remedial Biology – Theory*	BPHT1106	2017	Employability- Apply knowledge of basic science and pharmacy
954	Remedial Mathematics –	BPHT1107	2017	Employability- Apply knowledge of basic science and pharmacy
955	Human Anatomy and Physiology – Practical	BPHL1101	2017	Skill-allows Students to verification of physiological processes discussed in theory
956	Pharmaceutical Analysis I – Practical	BPHL1102	2017	Skill- Employability- Students can assay ,prepared and standarized various Heavy
957	Pharmaceutics I – Practical	BPHL1103	2017	Skill- Employability- Students can prepare various Pharmaceutical dosage form
958	Pharmaceutical Inorganic Chemistry –	BPHL1104	2017	Skill- Students can perform purity test on drugs or chemicals
959	Communication skills – Practical*	BPHL1105	2017	Skill- Students can improve their communication Skill
960	Remedial Biology – Practical*	BPHL1106	2017	Skill- Students can learn about structure and functional system of plant and animal
961	Human Anatomy and Physiology II – Theory	BPHT1201	2017	<small>Skill-Employability- Hand on practice on various clinical aspects of human physiology and also able to perform different types of experiments</small>
962	Pharmaceutical Organic Chemistry I –	BPHT1202	2017	Skill-Employability- synthesis, characterization of synthetic formulation

963	Biochemistry – Theory	BPHT1203	2017	Employability- Apply knowledge and concept of basic science and pharmacy and also able
964	Pathophysiology – Theory	BPHT1204	2017	Skill-Employability-student get to know about various communicable diseases and
965	Computer Applications in	BPHT1205	2017	Skill-Employability-Building competency in programme coding, various softwares,
966	Environmental sciences – Theory *	BPHT1206	2017	Employability- student get to know about basic knowledge about the environment and its allied problems
967	Human Anatomy and Physiology II	BPHL1201	2017	<small>Skill- allow the verification of physiological processes discussed in theory classes through experiments on living tissue, intact animals or normal human beings</small>
968	Pharmaceutical Organic Chemistry I–	BPHL1202	2017	Skill-Students can do qualitative analysis and synthesis of Organic Compound
969	Biochemistry – Practical	BPHL1203	2017	Skill- Students can demonstrate different Biochemical Test
970	Computer Applications in	BPHL1204	2017	Skill-Allows students to details with Database, Database Management
971	Pharmaceutical Organic Chemistry II –	BPHT2101	2017	Skill-Employability- synthesis, characterization of synthetic formulation
972	Physical Pharmaceutics I –	BPHT2102	2017	Skill- Employability- formulate and solve complex pharmaceutical problems in
973	Pharmaceutical Microbiology – Theory	BPHT2103	2017	Skill- Employability- Carried out sterility testing, microbiological standardization of
974	Pharmaceutical Engineering – Theory	BPHT2104	2017	Skill -Employability- Entrepreneurship- students can able to understand and perform
975	Pharmaceutical Organic Chemistry II –	BPHL2101	2017	Skill-Students can do qualitative analysis and synthesis of Organic Compound
976	Physical Pharmaceutics I –	BPHL2102	2017	Skill- Allows student to get a better insight into various areas of
977	Pharmaceutical Microbiology –	BPHL2103	2017	Skill- Allows students to study of all categories of microorganisms especially for
978	Pharmaceutical Engineering –Practical	BPHL2104	2017	Skill- Students can get fundamental knowledge on the art and
979	Pharmaceutical Organic Chemistry III–	BPHT2201	2017	<small>Skill-Employability- synthesis, characterization of synthetic formulation and solve complex pharmaceutical problems in research and development sector.</small>
980	Medicinal Chemistry I – Theory	BPHT2202	2017	Employability students get to know about the chemistry, pharmacological activity,
981	Physical Pharmaceutics II –	BPHT2203	2017	Skill- Employability- formulate and solve complex pharmaceutical problems in
982	Pharmacology I – Theory	BPHT2204	2017	skill-Employability- student get to know about correlation of pharmacology with
983	Pharmacognosy and Phytochemistry I–	BPHT2205	2017	Skill - Students can do identification and evaluation, phytochemicals
984	Medicinal Chemistry I – Practical	BPHL2201	2017	Skill - Students can get fundamental knowledge on the structure,
985	Physical Pharmaceutics II –	BPHL2202	2017	Skill-student get to know better insight into various areas of

986	Pharmacology I – Practical	BPHL2203	2017	Skill -Student can Observe the effect of drugs on animals by simulated experiments
987	Pharmacognosy and Phytochemistry I –	BPHL2204	2017	Skill-Extraction and isolation of plant product ,determination of chemical parameter of
988	Medicinal Chemistry II – Theory	BPHT3101	2017	Employability students get to know about the chemistry, pharmacological activity,
989	Industrial Pharmacy– I Theory	BPHT3102	2017	Skill-Employability-Entrepreneurship- students get to design and develop process
990	Pharmacology II – Theory	BPHT3103	2017	skill-Employability- student get to know about correlation of pharmacology with
991	Pharmacognosy and Phytochemistry II–	BPHT3104	2017	Skill-Emloyability-Isolate, Identify, Analyze, screen and ensure quality as ell as quantity
992	Pharmaceutical Jurisprudence –	BPHT3105	2017	Employability- students can able to apply knowledge in the area of pharmaceutical
993	Industrial Pharmacy I – Practical	BPHL3101	2017	Skill- Students can Formulate solid, liquid and semisolid dosage forms and evaluate
994	Pharmacology II – Practical	BPHL3102	2017	Skill- Students can demonstrate isolation of different organs/tissues from the laboratory
995	Pharmacognosy and Phytochemistry II –	BPHL3103	2017	Skill- Students can carryout isolation and identification of phytoconstituents
996	Medicinal Chemistry III – Theory	BPHT3201	2017	Employability students get to know about the chemistry, pharmacological activity,
997	Pharmacology III – Theory	BPHT3202	2017	skill-Employability- student get to know about correlation of pharmacology with
998	Herbal Drug Technology – Theory	BPHT3203	2017	Skill-Employability- students get to know basic principles of traditional medicinal
999	Biopharmaceutics and Pharmacokinetics –	BPHT3204	2017	Skill- Employability- student get to know about pharmacokinetic and
1000	Pharmaceutical Biotechnology –	BPHT3205	2017	Employability- Students van design and develop process to meet desired needs
1001	Quality Assurance –Theory	BPHT3206	2017	Skill-Employability- students get to know about the validation, confirmation of test
1002	Medicinal chemistry III – Practical	BPHL3201	2017	Skill- Students can do chemical synthesis of selected drugs
1003	Pharmacology III – Practical	BPHL3202	2017	Skill- Students can demonstrate the various receptor actions using isolated tissue preparation
1004	Herbal Drug Technology – Practical	BPHL3203	2017	Skill- Students can preparaee herbal cosmetics, natural sweeteners,
1005	Instrumental Methods of Analysis – Theory	BPHT4101	2017	Skill-Employability- Use the techniques, skills, and modern pharmaceutical
1006	Industrial Pharmacy –II Theory	BPHT4102	2017	Skill-Employability-Entrepreneurship- students get to design and develop process
1007	Pharmacy Practice – Theory	BPHT4103	2017	Skill-Emloyability-Enterprenurship- Understanding of professional and ethical
1008	Novel Drug Delivery System – Theory	BPHT4104	2017	Skill-Employability-To Design and develop process to meet desired needs in

1009	Instrumental Methods of Analysis – Practical	BPHL4101	2017	Skill- Students can perform quantitative & qualitative analysis of drugs using various
1010	Practice School*	BPHL4102	2017	Employability- Skill- Enterprenership Sudents get to know about practice work for any
1011	Biostatistics and Research	BPHT4201	2017	Skill- students get to know the appropriate statistical methods required for a particular
1012	Social and Preventive Pharmacy	BPHT4202	2017	Skill-Employability-students get to know different preventive measures in pharmacy,
1013	Pharmaceutical Regulatory Science	BPHT4204	2017	Skill-Employability-students get to know about different regulatory bodies, Engage in
1014	Project Work	BPHP4201	2017	Skill-Emloability-Enterpreurship-Students get to know about plan of work related to
1015	Office Automation	CUTM1895	2020	Skill - Microsoft Office programs to create personal, academic and business documents
1016	Programming in Python	CUTM1896	2020	Skill - Python programming for data visualization and data analytics
1017	OOPs with C ++ Programming	CUTM1897	2020	Skill - Object-oriented programming with C++ to solve various problems.
1018	Operating System Concepts	CUTM1879	2020	Skill- Concept of operating system and its impact on application system design and
1019	Database Management Systems	CUTM1884	2020	Skill - Database and file management
1020	Java Technologies	CUTM1900	2020	Skill-Integrated development environment to write, compile, run, and test object-
1021	Internet and Web Technology	CUTM1902	2020	Skill - Design and development of web programming.
1022	Dot Net Technology	CUTM1901	2020	Skill- Dot Net Framework
1023	Digital Painting	CUTM3115	2020	Skill-Design and development of desktop publishing
1024	Apparel Production & Marketing	CUTM3029	2017	Employability/Skill - Practice and Project
1025	Line Stitching Supervising	CUTM3030	2017	Employability/Skill - Practice and Project
1026	Apparel Production	CUTM3031	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1027	Light Motor Vehicle Driving	CUTM3032	2017	Employability/Skill - Practice and Project
1028	Fork Lift Operation	CUTM3033	2017	Employability/Skill - Practice and Project
1029	Heavy Vehicle Technology	CUTM3034	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1030	Two Wheeler Service Technology	CUTM3035	2017	Employability/Skill - Practice and Project
1031	Four Wheeler Service Technology	CUTM3036	2017	Employability/Skill - Practice and Project

1032	E-Vehicle Assembly and Service	CUTM3037	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1033	Robotics	CUTM3038	2017	Employability/Skill - Practice and Project
1034	Poultry Farming	CUTM3039	2017	Employability/ Entrepreneurship/Skill
1035	CNC Programming (CAM)	CUTM3040	2017	Employability/Skill - Practice and Project
1036	Design Supervising Wooden and Modular	CUTM3041	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1037	Introduction to Composite	CUTM3042	2018	Employability/Skill - Practice and Project
1038	3D Modelling and Printing	CUTM3043	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1039	Precast Concrete Manufacturing	CUTM3045	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1040	Fabrication	CUTM3046	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1041	Hi-Tech Surveying	CUTM3047	2018	Employability/Skill - Practice and Project
1042	Internet of Things	CUTM3048	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1043	Mechatronics System Design	CUTM3049	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1044	Introduction to Nanotechnology	CUTM3051	2018	Employability/Skill - Practice and Project
1045	Drone Piloting	CUTM3052	2018	Employability/Skill - Practice and Project
1046	Camera Operation	CUTM3053	2018	Employability/Skill - Practice and Project
1047	Editor	CUTM3054	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1048	Desktop Publishing	CUTM3055	2018	Employability/Skill - Practice and Project
1049	Introduction to Blender and Unity	CUTM3056	2018	Employability/Skill - Practice and Project
1050	Refraction Technology	CUTM3057	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1051	Emergency Medical Technology	CUTM3058	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1052	Medical Lab Technology	CUTM3059	2019	Employability/Skill - Practice and Project
1053	Operating Theatre Technology	CUTM3060	2019	Employability/Skill - Practice and Project
1054	Radiology Technology	CUTM3061	2019	Employability/ Entrepreneurship/Skill - Practice and Project

1055	Phlebotomy Technology	CUTM3062	2019	Employability/Skill - Practice and Project
1056	First Aid Service	CUTM3063	2019	Employability/Skill - Practice and Project
1057	General Duty Assistance Service	CUTM3064	2019	Employability/Skill - Practice and Project
1058	X- ray Technology	CUTM3065	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1059	Retail Sales	CUTM3067	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1060	Basketball	CUTM3068	2019	Employability/Skill - Practice and Project
1061	Gym Fitness	CUTM3069	2019	Employability/Skill - Practice and Project
1062	Swimming	CUTM3070	2019	Employability/Skill - Practice and Project
1063	Yoga & Meditation	CUTM3072	2019	Employability/Skill - Practice and Project
1064	Solar PV Installation	CUTM3073	2019	Employability/Skill - Practice and Project
1065	Solar Lighting Technology	CUTM3074	2019	Employability/Skill - Practice and Project
1066	Solar PV Microgrid System	CUTM3076	2019	Employability/Skill - Practice and Project
1067	Solar PV Driven Equipment O/M &	CUTM3077	2019	Employability/Skill - Practice and Project
1068	Solar Thermal Engineering	CUTM3078	2019	Employability/Skill - Practice and Project
1069	Introduction to Quantum Computing	CUTM3079	2020	Employability/Skill - Practice and Project
1070	Organic Farming	CUTM3081	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1071	Mushroom Farming	CUTM3082	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1072	Hydroponics Technology	CUTM3083	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1073	Poultry Farming	CUTM3084	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1074	Dairy Farming	CUTM3085	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1075	Vermicomposting Farming	CUTM3086	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1076	Transformer Manufacturing,	CUTM3087	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1077	Electrical Installation	CUTM3089	2020	Employability/Skill - Practice and Project

1078	Repair and Maintenance of	CUTM3090	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1079	Refrigeration and air conditioning	CUTM3091	2020	Employability/Skill - Practice and Project
1080	Super critical Co2 plant operation	CUTM3092	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1081	Business Plan Preparation	CUTM3095	2020	Employability/Skill - Practice and Project
1082	Composite fabrication practice	CUTM3098	2020	Employability/Skill - Practice and Project
1083	Powder coating practice	CUTM3099	2020	Employability/Skill - Practice and Project
1084	Farm appliances operation	CUTM3100	2020	Employability/Skill - Practice and Project
1085	Bio fertilisers preparation	CUTM3103	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1086	PCB designing & fabrication	CUTM3104	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1087	Introduction to Block Chain Technology	CUTM3105	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1088	Introduction to Nutraceuticals	CUTM3106	2020	Employability/Skill - Practice and Project
1089	Introduction to NLP	CUTM3107	2020	Employability/Skill - Practice and Project
1090	Introduction to Computational	CUTM3108	2020	Employability/Skill - Practice and Project
1091	Product Life Cycle Management through	CUTM3109	2020	Employability/Skill - Practice and Project
1092	New material development with	CUTM3110	2020	Employability/Skill - Practice and Project
1093	Spectral image processing using	CUTM3111	2020	Employability/Skill - Practice and Project
1094	Satellite data processing	CUTM3112	2020	Employability/Skill - Practice and Project
1095	Working with Graphene and carbon	CUTM3113	2020	Employability/Skill - Practice and Project
1096	Adobe Tools and Illustrations	CUTM3114	2020	Employability/ Entrepreneurship/Skill - Practice and Project
1097	Computer Installation and Maintenance	CUTM3120	2020	Employability/ Entrepreneurship/Skill - Practice and Project
Academic Year 2019-20				
SL No.	Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill
1	Differential Equations	FCBS 0102	2016	Skill Development(Students will know about the modelling of different engineering

2	Linear Algebra & Vector	FCBS 0103	2016	Skill Development(Students will know about modelling of problems related to system of
3	Integral Transform	FCBS 0104	2016	Skill Development(Students will know to find the solution using laplace and fourier
4	Complex Analysis	FCBS 0105	2016	Skill Development(Students will know to find the solution using complex integral)
5	Discrete Mathematics	FCBS 0106	2016	Skill Development(Students will know about graphs, sets and logic)
6	Calculus	FCBS0107	2017	Employability (Students will know about curvature, asymptotes)
7	Probability & Statistics	FCBS0108	2017	Employability (Students will know about probability distribution)
8	Numerical Methods	FCBS0109	2017	Skill Development(Students will know about solution of differential equation using
9	Electricity and Magnetism	FCBS0404	2016	Skill development (Students will develop the skill of identifying circuit elements and
10	Basic Mechanics and Properties of Matter	FCBS0405	2016	Employability (knowledge enhancement)
11	Optics and Optical Fibres	FCBS0406	2016	Employability (knowledge enhancement)
12	Applied Analytical Chemistry	FCBS0401	2016	Employability-Water Analysis,Soil Analysis,Chemistry of fuels. Skill- All
13	Industrial Chemistry	FCBS0402	2016	Employability:- Preparation of soap, dyes and oil analysis ,Analysis of cement Skill-All
14	Applied Engineering Materials	FCBS0403	2016	Employability-Nano Materials,Polymers,Composites. Skill- All
15	Environmental Science	FCBS 0101	2016	Employability-Environment and its multidisciplinary nature,Biodiversity and its
16	Foundations of English	FCHU1201	2016	Skill Development(Students will develop basic interpersonal communication skill
17	Communicative Practice Laboratory -1	FCHU1202	2016	Skill Development(Students will enhance their communication skills in english both
18	Business Communication	FCHU1203	2016	Skill Development(Students will enhance their communication skills in english in
19	Communicative Practice Laboratory-II	FCHU1204	2016	Skill Development(Students will enhance their communication skills in english both
20	Corporate Readiness Laboratory	FCHU1205	2016	Skill Development(Students will develop professional communication skill)
21	IT Enabled Communication	FCHU1206	2016	Skill Development(Students will enhance their communicative competency through
22	Career Communication	FCHU1207	2016	Skill Development(Students will enhance their communicative competency in
23	Personality Development	FCHU1208	2016	Skill Development(Students will learn basic ettiquette in professional sphere)
24	Seminar and Technical Writing	FCHU1209	2016	Skill Development(Students will learn the convention followed in academic and

25	Professional Etiquette	FCHU1210	2016	Skill Development(Students will learn basic etiquette in professional sphere)
26	Creative Writing	FCHU1211	2016	Skill Development(Students will enhance their competency level using innovative
27	English for Competition	FCHU1212	2016	Skill Development(Students will enhance their competency level to compete with
28	Life Skills Development (LSD) -	FCHU0216	2019	Skill Development(Students will develop life skill including time management skill,
29	Economics	FCMG0101	2016	Skill Development(to provide students with a basic understanding of the economic
30	Accounting & Finance	FCMG0102	2016	Skill Development-Students will be able to create, balance and deliver a budget and use
31	Management Processes and OB	FCMG0103	2016	Skill Development-Students shall be able to analyze and compare different models used
32	Production and Operation	FCMG0104	2016	Skill Development (Acquire a working understanding of the roles/functions of
33	Marketing Management	FCMG0105	2016	Skill Development (Students will learn the application of various marketing tools for
34	Introduction to Research	FCMG0108	2016	Skill Development (Students will be able to understand the process of doing a research).
35	Indian Society and Culture	FCMG0113	2016	Skill Development (Students will be familiarized with the science and technology
36	Disaster Management	FCMG1201	2016	Skill Development (students would begin to understand the relationship between
37	Engineering Mechanics	ENFC0101	2018	Skill development (To provide the student with a thorough understanding of concept,
38	Material Sciences	ENFC0102	2017	Employability and Skill development (Students will able to identify materials for
39	Thermodynamics	ENFC0103	2018	Skill development (Students will be able to prepare energy balance sheet will be able to
40	Geometric Modelling Lab	ENFC0202	2018	Skill development(Students will be able to Demonstrate use of CAD in Civil
41	Introduction to Robotics	ENFC0203	2017	Employability (upgrading knowledge levels of robotic application in modern industries
42	3D Modeling	ENFC0204	2018	Skill Development (learning software which helps to draw complicated drawings and also
43	Electrical Workshop Practice	ENFC0205	2018	Skill development(Students will Enhance their skill of operating electrical
44	Engineering Metrology and	ENFC0401	2017	Employability and Skill development (To Make Students Familiar with the
45	Basic Fluid Mechanics	ENFC0402	2017	Skill development(• After completion of the course, the students will able to evaluate
46	Basic Surveying	ENFC0403	2017	Skill development(Doing centering, leveling & measuring coordinate points of area and
47	Basic Electrical Engineering	ENFC0404	2017	Skill Development (Students will get the skill to design devices and systems using

48	Electrical Machines	ENFC0405	2018	Skill Development (Students will get the skill to analyse about the principle of operation &
49	Introduction to automation	ENFC0406	2018	Skill development(Students will be able to use a number of PLC programming
50	Programming in C	ENFC0409	2018	Skill And Employability(Case study to be given to students on uses of C program for
51	Programming for Problem Solving –	ENFC0412	2017	Skill And Employability(Understands the concepts of Threads, exception handling, file
52	Data Base Management System	ENFC0414	2018	Skill And Employability(Hands on training on Client/Server Architecture- System Structure
53	Electronics and Its Application	ENFC0415	2018	Employability (Students will develop an updated
54	Electronic Devices	ENFC0416	2018	Employability (Students will get the fundamentals cleared
55	Sensors and IOT	ENFC0417	2017	Employability (The studentts will be aware of the
56	Problem Solving & Programming	ENFC0418	2018	Skill And Employability(To enhance the problem analysis capability and problem
57	Data Structures and C Programming	ENFC0419	2018	Skill And Employability(Understand asymptotic analysis and different methods.
58	Operating System	ENFC0422	2018	Skill And Employability(This course enables students to understand the basic concepts of
59	Big Data Analytics	ENFC0423	2018	Skill And Employability(This course helps in gaining the ability to choose the right
60	Block Chain and Smart Contracts	ENFC0424	2018	Skill And Employability(Hands on in design and program smart contracts and
61	AI Tools, Techniques and applications	ENFC0603	2018	Skill And Employability(Introduce state-of-art AI tools and techniques to solve various
62	Cloud Computing and its applications using	ENFC0602	2018	Skill (Hands on in accessing cloud Storage systems and Cloud security and develop
63	Problem Solving using Python	ENFC0901	2018	Skill And Employability(Eenhance the problem analysis capability and problem
64	Object Oriented Programming through	ENFC0902	2018	Skill And Employability(Understands the concepts of Threads, exception handling, file
65	Web Technologies	ENFC0903	2018	Skill And Employability(Develop a static, interactive and well-formed webpage using
66	Software Engineering using Agile	ENFC0904	2018	Skill (Students get to apply software engineering principles and techniques learnt
67	Internet of Things	ENFC1407	2018	Skill (Hands on training for understanding of the communication protocols in IoT
68	Build your own Computer	ENFC1402	2018	Skill (Hands on training to build computing devices.Troubleshoot various faults in a
69	Cloud Computing Application	ENFC1403	2018	Skill (Hands on in accessing cloud Storage systems and Cloud security and develop
70	Hydraulics & Hydraulic Machines	CECC0103	2018	Skill development(Effectively use performance calculations

71	Disaster Preparedness & Planning	CECC0102	2018	Entrepreneurship(The student will develop competencies in
72	Estimation & Quantity Surveying	CECC0201	2017	Skill development(Students will be able to Estimating, brick calculations & cost for
73	Pre-Fabricated Structures	CECC0202	2018	Skill Development(•After completion of the courses the students will gain knowledge of
74	Concrete Technology	CECC0412	2017	Skill(Demonstrate test and analysis of cement, aggregate, sand, effect of water
75	Soil Mechanics	CECC0401	2018	Employability(•Students will gain knowledge on soil mechanics and the concepts involve
76	Foundation Engineering	CECC0402	2017	Employability(To obtain knowledge about soil properties and methods of soil
77	Transportation Engineering	CECC0403	2018	Employability(•Students will gain knowledge on planning, material selection for
78	Water supply & Waste water Management	CECC0415	2018	Employability(•Students will gain knowledge and the concepts involve in it
79	Hydrology & Water Resources	CECC0416	2018	Employability(•Students will gain knowledge on and the concepts involve in it
80	Quality Control and Risk Management in	CECC0414	2018	Entrepreneurship(•Students will gain knowledge on and the concepts involve in it
81	Computer Aided Design of Steel	CECC0407	2017	Skill development(Perform free hand sketching of basic geometrical constructions
82	Computer Aided Design of Concrete	CECC0408	2017	Skill development(Perform free hand sketching of basic geometrical constructions
83	Strength of Material	CECC0411	2018	Employability(Students will acquire knowledge and skill to analyze the effect of
84	Construction Equipment	DECP0101	2018	Entrepreneurship(Students will be able to work with the latest trend of the
85	Site Supervision & Measurement	DECP0401	2018	Employability(•Students will gain knowledge on and the concepts involve in it
86	Geotechnical Investigations	DECP0402	2018	Employability(•Plan geotechnical investigations before constructing a
87	Repairs, Renovation and Rehabilitation of	DECP0403	2018	Employability(•After successful completion of the course the students will have
88	Tendering Process, Bidding Contract	DECP0601	2018	Employability(•Upon successful completion of the course, students shall be fit in CPWD,
89	Software Based Project Scheduling	DECP0301	2018	Entrepreneurship(•Identify various activities of a construction project and the critical
90	Project	DEET0300	2015	Employability development(Students will be able to work with the latest trend of the
91	Internship	DEET0800	2015	Employability (Skill development course)
92	Green Building Design	DEPD0101	2018	Employability(•To study the theory of sustainability.
93	Earthquake Resistant Design	DEPD0102	2018	Employability(•To study co-relation with architectural design and performance of

94	Barrier Free Design	DEPD0103	2018	Employability(•To study the various provisions in the code
95	Intelligent Building Design	DEPD0104	2018	Employability(•To study integrates technology and process to create a facility
96	Architectural Design	DEPD0201	2018	Employability(•To study the basic concepts of building Design.
97	3D Modelling and VR experience of Building	DEPD0202	2018	Skill(•To understand the Generation of 2D (plan, section and elevation) and 3D
98	Remote Sensing & Digital Image	DESP0401	2018	Employability(•Students will gain knowledge of basic concepts of remote sensing, aerial
99	Geospatial Technology and its	DESP0901	2018	Employability(•Students will gain knowledge about the structure of spatial data including
100	Photogrammetry and its Application	DESP0402	2018	Employability(•Students will gain knowledge about the survey by Photogrammetry
101	Lidar Remote Sensing and its Applications	DESP0201	2018	Employability(•Students will gain knowledge about LIDAR and its application.
102	Smart City Planning	DESP0202	2018	Skill development(•Students will gain knowledge about to design and plan a twin
103	Introduction to Gamming &	CSCC0901	2018	Skill And Employability(End to End Game Development Pipeline)
104	Introduction to Cyber Security	CSCC0902	2018	Skill And Employability(Students have done activities like network analysis, intrusion
105	AI & ML using Python	CSCC0903	2018	Skill And Employability(Implemented different Real life Projects in the field of
106	Object Oriented Analysis and Design	CSCC0601	2018	Skill And Employability(Studetns are able to analyze and model software specifications.)
107	Computer Organization and	CSCC0410	2018	Skill And Employability(Students had Implemented various VPC,VPN and
108	Design Analysis and Algorithms	CSCC0412	2018	Skill(Understand asymptotic analysis and different methods. Understand linear data
109	Data Warehousing and Data Mining	CSCC0414	2018	Skill (Student will able to design data warehouse with dimensional modeling and
110	Building of Cloud Infrastructure	DECT0901	2015	Skill And Employability(Analyze and Understand the functioning of different
111	Deployment Architecture -I	DECT0902	2015	Skill And Employability(Evaluate cloud application requirements and make
112	Deployment Architecture - II	DECT0903	2015	Skill And Employability(Ability to evaluate cloud application requirements and make
113	Advanced Networking	DECT0904	2015	Skill And Employability(Students had Implemented various VPC,VPN and
114	Oracle Database Administration and	DEST0401	2015	Skill And Employability(Provides an exhaustive coverage of SQL Admin to
115	Problem Solving through Coding	DEST0201	2015	Skill And Employability(Obtain skills to solve problems involving text, numbers and
116	Linux and Lamp Administration	DEST0402	2015	Skill And Employability(Obtain skills in Linux server administration. Content includes

117	Testing and Test Automation	DEST0403	2015	Skill And Employability(students had applied various modern software testing
118	Web Services using Java	DEST0404	2015	Skill And Employability(Developed knowledge-based force to serve the IT
119	Python for Data Science and Machine	DEML0201	2015	Skill And Employability(Implement ML algorithms that generates insight to high
120	Supervised and Unsupervised	DEML0401	2015	Skill And Employability(Implement several ML algorithms that generates insight to high
121	Advanced Neural Network (RNN & CNN)	DEML0402	2015	Skill And Employability (Design and train a CNN, RNN language models and also able to
122	ML Techniques in Image Processing	DEML0202	2015	Skill And Employability(Implemented different Real life Projects in the field of
123	Deep Learning Techniques and	DEML0403	2015	Skill And Employability(Design and train a CNN, RNN language models.Be able to apply
124	Introduction to IT Networking & Security	DEIS0121	2015	Skill And Employability(To understand, design and implement appropriate security
125	Advanced Networking	DEIS0421	2015	Skill And Employability(Understand and explain Data Communications System and its
126	White Hat Hacking Techniques and Tools	DEIS0422	2015	Skill And Employability(Information technologies skill like vulnerabilities, defense-
127	Information Technology	DEIS0122	2015	Skill And Employability(Obtain the skill about IT Service Management best practices,
128	Network Security Audit of an	DEIS0221	2015	Skill And Employability(To perform an IT Network security audit of an organization and
129	CCNA	DEIS0222	2015	Skill And Employability(hands on training to manage Network for an Organization)
130	Electromagnetic Field Theory	ECCC0101	2019	Skill Development This subject is a base subject for wireless
131	Analog Electronic Circuits	ECCC0401	2018	Skill Development and Employability (Its an important subject in the curriculum.
132	Digital Electronic Circuits	ECCC0402	2018	Skill Development and Employability (Its an important subject in the curriculum.
133	Networks and Systems	ECCC0403	2018	Employability (Its also equivalently important for facing
134	Digital Signal Processing	ECCC0404	2018	Employability (Analyse Z-Transform , DFT,FFT and, and the
135	Analog Communication	ECCC0405	2017	Employability (Familiar with analog radio transmitters and
136	Digital Communication	ECCC0406	2017	Employability (Illustrate the classification of channels,
137	VLSI Design	ECCC0407	2017	Employability (Design combinational and sequential circuit
138	Microwave and Radar Communications	ECCC0410	2017	Employability (Integrate the concept of bunching and
139	Antenna and Wave Propagation	ECCC0411	2018	Employability (Analyze antenna parameters Evaluate the

140	Transmission & Distribution	ELCC0101	2018	Skill development (Students will develop the SKILL related to various electrical power
141	Distributed Generation & Micro	ELCC0103	2017	Skill development(Students will be able to enhance their power system generation skill
142	Electrical Circuit Drawing (Using Auto	ELCC0202	2018	Skill development(Students will know the use of AutoCAD Software and will develop
143	Network Theory	ELCC0401	2018	Skill development (Students will develop the designing skill of various electrical network
144	Electronic Measurement &	EECC0409	2018	Skill development (Students will develop the SKILL about various bridges used to measure
145	Linear Integrated Circuits & Application	ELCC0403	2018	Employability(Students will be able to design, filter,amplifier circuit and also skilled
146	Control System	ELCC0406	2018	Skill development (Students will develop the SKILL related to time domain and frequency
147	General PLC	DEIA0101	2018	Skill development(Students will develop skill of designing Automatic Control System using
148	Basic Electrical (Automation based)	DEIA0201	2018	Skill development (Students will gain Functional skill set with hands-on; on
149	Supervisory Control and Data Acquisition	DEIA0401	2018	Skill development (Students will gain Functional skill set with hands-on; on
150	Micro Range Programmable Logic	DEIA0402	2018	Skill development (Students will gain Functional skill about the Programmable
151	Small Range Programmable Logic	DEIA0403	2018	Skill development (Students will gain Functional skill about the Programmable
152	Medium Range Programmable Logic	DEIA0404	2018	Skill development (Students will gain Functional skill about the Programmable
153	Human Machine Interface (HMI)	DEIA0202	2018	Skill development (Students will gain Functional skill set with hands-on; on PLC
154	Variable Frequency Drive	DEIA0203	2018	Skill development (Students will gain Functional skill to operate the Drive by
155	Modern Transmission and Distribution	DEOM0101	2018	Skill Development (Students will learn about the Transmission and Distribution system
156	Operation and Testing of Power and	DEOM0401	2018	Skill Development (Students will learn about the operation and testing procedures used in
157	System Protection and Auxiliaries	DEOM0402	2018	Skill Development (Students will develop different protection scheme with hardware
158	Construction of HT and LT lines and	DEOM0102	2018	Skill Development (Students will develop skill set with hands on training & practice on
159	Safety Practice and First Aid	DEOM0201	2018	Skill Development (Students will develop skill set with hands on training & practice on
160	Electrical System Layout and Drawing	DEOM0202	2018	Skill Development (Students will develop different electrical system layout with
161	Power System Market, Act and	DEOM0103	2018	Employability (Student will learn power market operation & energy audit process
162	Design of Transformer Core and Winding	DEDR0101	2018	Skill Development (Students will Manufacture three phase Distribution

163	Manufacturing of Transformer HT and	DEDRO201	2018	Skill Development (Students will Manufacture three phase Distribution
164	Manufacturing of Transformer Tank and	DEDRO202	2018	Skill Development (Students will Manufacture three phase Distribution
165	Testing and Commissioning	DEDRO401	2018	Skill Development (Students will develop skill set with hands on training & practice on
166	Safety and Protection	DEDRO402	2018	Skill Development (Students will develop skill set with hands on training & practice on
167	Transformer Repair and Maintenance	DEDRO403	2018	Skill Development (Students will develop skill set with hands on training & practice on
168	Renewable Energy Sources and	DERE0161	2015	Skill Development (Students will learn and develop the different technologies of
169	Solar Photovoltaic Technology	DERE0162	2015	Skill Development (Students will learn and develop the different technologies of Solar
170	Solar Thermal Technology	DERE0163	2015	Skill Development (Students will learn and develop the hybrid generations that
171	Solar Systems for Buildings	DERE0464	2015	Skill Development (Students will learn and develop the roof top solar generation
172	Solar Power Plant	DERE0465	2015	Skill Development (Students will learn the principle of solar power plant)
173	Decentralized and Smart Power Grids	DERE0466	2015	Skill Development (Students will learn the principle of solar power plant)
174	Solar Photovoltaic Laboratory	DERE0267	2015	Skill development (Students will gain the knowledge with hands-on; on different
175	Solar Thermal Laboratory	DERE0268	2015	Skill Development (Students will develop hands-on, on different solar related live
176	Quality Control and Reliability Engineering	MECC0101	2018	Skill development (The students can able to apply the concept of SQC in process control
177	Fluid Power Control	MECC0102	2018	Employability and Skill development (To impart knowledge to students on
178	Introduction to Hybrid and Electric Vehicles	MECC0103	2018	Employability and Skill development (Students will acquire knowledge regarding
179	Renewable Energy Systems	MECC0104	2018	Skill (To have a knowledge of energy scene in India.To acquire the skill of analyzing and
180	Manufacturing Technology 1	MECC0401	2017	Skill And Employability (Students will have Knowledge and Skills to Understand Actual
181	Manufacturing Technology 2	MECC0402	2017	Skill And Employability (Students will be Able to Do Process Planning, Develop CNC Part
182	Design for Manufacturing	MECC0403	2017	Skill And Employability (Students will be able to select appropriate manufacturing
183	Finite Element Analysis	MECC0404	2017	Skill And Employability (Students will be Able to Deploy Practical and Industrial Approach
184	Digital Manufacturing	MECC0405	2017	Skill And Employability (Students will be able to use modern software like DELMIA-Quest
185	Fundamentals of Heat Engine	MECC0415	2018	Skill And Employability (Students will be able to test internal combustion engines for

186	Design of Thermal Energy Systems	MECC0407	2017	Skill And Employability (Students will be able to identify and select, design and implement
187	Mechanics of Machines	MECC0410	2017	Skill And Employability (Students will have knowledge and skills to analyse, design and
188	Design of Transmission Systems	MECC0412	2018	Skill And Employability (To Enable the Students to Design Basic Transmission
189	Fluid Mechanics and Heat Transfer	MECC0414	2017	Skill And Employability (Students will be able to analyze and design various
190	Introduction to Automobile	DEAE0101	2018	Employability and Skill development(This gives jobs oppertunity in automobile
191	Entrepreneurship Opportunities in	DEAE0102	2018	Entrepreneurship and Skill development (This gives jobs opportunities in automobile
192	Maintenance of Automobile	DEAE0204	2018	Employability and Skill development(This gives jobs oppertunity in automobile
193	Design of Basic Automobile	DEAE0205	2018	Employability and Skill development(This gives jobs oppertunity in automobile
194	Subsystems of Automobile	DEAE0401	2018	Employability and Skill development(This gives jobs oppertunity in automobile
195	Design and Maintenance of	DEAE0402	2018	Employability and Skill development(This gives jobs oppertunity in automobile
196	Jigs and Fixtures	DECM0101	2015	Employability and Skill development (Makes student Industry ready through hands
197	Process Planning and Cost Estimation	DECM0102	2015	Employability and Skill development(Makes student Industry ready through hands-on
198	Conventional Machining for	DECM0201	2015	Employability and Skill development(Makes student Industry ready through hands-on
199	Conventional Machining for	DECM0202	2015	Employability and Skill development(Makes student Industry ready through hands-on
200	CNC Machining	DECM0603	2015	Employability and Skill development(Makes student Industry ready through hands-on
201	Non-Traditional Machining and 3D	DECM0604	2015	Employability and Skill development(Makes student Industry ready through hands-on
202	Wood Engineering	DECM0203	2015	Employability and Skill development(Makes student Industry ready through hands-on
203	Project	DECM0300	2015	Employability and Skill development(Makes student Industry ready through hands-on
204	Internship	DECM0800	2015	Employability and Skill development(Makes student Industry ready through hands-on
205	Joining Processes & Technology	DEWD0403	2018	Employability and Skill development(This gives oppertunities for self employed by
206	Arc Welding, Gas Welding & Brazing	DEWD0201	2015	Employability and Skill development(This gives oppertunities for self employed by
207	Metal Transfer & Weld Metallurgy	DEWD0102	2018	Employability and Skill development(This gives oppertunities for self employed by
208	Design of Welded Joints (CATIA)	DEWD0101	2015	Employability and Skill development(This gives oppertunities for self employed by

209	Welding of Stainless Steel, Aluminium,	DEWD0603	2018	Employability and Skill development(This gives oppertunities for self employed by
210	Testing of Welded Joints (DT, NDT &	DEWD0604	2018	Employability and Skill development(This gives oppertunities for self employed by
211	Project	DEWD0300	2018	Employability and Skill development(This gives oppertunities for self employed by
212	Basic Metallurgy	DEOC0134	2015	Employability and Skill development (Understand the correlation between
213	Power Plant Engineering	DEOC0131	2015	Skill development (Students will be able to work out the problems related to power
214	Information Theory & Coding	DEOC0136	2018	Employability Design the channel performance using
215	Mobile Communication	DEOC0135	2018	Employability Understand the new trends in
216	Power System Generation	DEOC0121	2015	Skill development (Students will learn the SKILL of generating electrical powers from
217	Electromagnetic Theory	DEOC0122	2015	Employability Knowledge of, physical interpretation, and
218	Power Quality and FACTS	DEOC0123	2018	Skill development (Students will learn the SKILL of different power quality issues and
219	Soft Computing Techniques - II	DEOC0124	2018	Skill development(Students will develop the SKILL related various techniques used in soft
220	MATLAB for Electronics	DEOC0233	2018	Employability Able to use Matlab for interactive
221	Basic Electrical Maintenance	DEOC0221	2015	Skill development(This course will enable students to safely undertake electrical
222	Automotive Electrician	DEOC0222	2015	Skill development(Student will acquire the skills to identify and solve problems
223	Advanced Power Electronics	DEOC0421	2015	Skill development (Students will gain Functional skill set with hands-on; on Advnce
224	Electrical Drives	DEOC0422	2015	Skill development (Students will gain Functional skill set related to different DC &
225	Advance Control System	DEOC0423	2015	Skill development (Students will gain Functional skill related to control theory,
226	Instrumentation and Measurement	DEOC0424	2018	Skill development (Students will develop the SKILL about various bridges used to measure
227	PCB Design and Analysis	DEOC0425	2018	Employability To design and fabricate PCB for prototyping
228	Advanced Structural Analysis	MTSE1101	2019	Skill development(• Skill in developing computer program for the structural analysis
229	Structural Dynamics	MTSE1102	2019	Skill development(To provide basic knowledge of mathematics, science and
230	Theory of Elasticity & Plasticity	MTSE1103	2019	Skill development(•Ability to apply the knowledge of mathematics, science and
231	Architectural Design	MTSE1104	2019	Skill development(Provide skill with a well-educated workforce that is ready and able to

232	Bridge Engineering	MTSE1105	2019	Skill development(At the end of the course, the students have a skill to:
233	Computer Graphics	MTSE1106	2019	Skill development(At the end of the course, the students have a skill and employability to:
234	MATLAB for Civil Engineers	MTSE1107	2019	Employability (Differential equations and its application to engineering problems
235	Finite Element Method	MTSE1201	2019	"Skill development(•Enable the students to identify, formulate and skill to engineering
236	Concrete Technology	MTSE1202	2019	Skill development(•To study and understand various types of technology added in
237	Research Methodology & IPR	MTRM1201	2019	Skill development(1.Skill to research problem formulation.
238	Structural Engineering Lab	MTSE1203	2019	"Skill development(To provide basic knowledge of mathematics, science and
239	3D Modeling using ANSYS and CATIA	ISSE1205	2019	Skill development(Introduction to Engineering Design Different types of
240	Design of Prefabricated	MTSE0101	2019	Skill development(•Grasp of the construction methods using these elements have the skill
241	Renovation and Retrofitting of green	MTSE0102	2019	Skill development(By the end of this course students will have the skill /knowledge of
242	Advanced Construction	MTSE0103	2019	Skill development(•To study the polymers in civil engineering construction
243	Soil Dynamics and Geotechnical	MTSE0104	2019	Skill development(Develop skill in applying theory of vibrations to basic facets of soil
244	Industry Internship and Project - I	MTIP2101	2019	Employability(On successful completion of this course student will able to:
245	Industry Internship and Project - II	MTIP2201	2019	Employability(On successful completion of this course student will able to:
246	Traffic Engineering And Management	ISTE1101	2019	Skill development(•To learn traffic studies, their analysis and their interpretation.
247	Pavement Materials And Construction	ISTE1102	2019	Employability(•To learn about characteristic of subgrade soil.
248	Urban Transportation Planning	ISTE1103	2019	Employability(•To learn the planning methodology of Urban transportation
249	Transportation Infrastructure Design	ISTE1104	2019	Employability(•To learn Geometric Design of Cross Sectional Elements of various types of
250	Pavement Material Lab	ISTE1106	2019	Skill development(•To learn about characteristic of subgrade soil.
251	Traffic Survey Practice	ISTE1107	2019	Skill development(• Fieldwork using Hi-Tech surveying instruments
252	Pavement Analysis And Design	ISTE1201	2019	Skill development(•To learn about various factors affecting pavement design.
253	Highway Project formulation and	ISTE1202	2019	Employability(•To learn Geometric Design of Cross Sectional Elements of various types of
254	Traffic Safety	ISTE1203	2019	Skill development(Identify specific data and methodologies for effective mapping and

255	Research Methodology For	ISRM1201	2019	Employability(Meaning of Research , Objectives of Research ,Motivation in
256	Survey Lab	ISTE1204	2019	Skill development(Identify specific data and methodologies for effective mapping and
257	Transportation Engineering Design	ISTE1205	2019	Skill development(Gain knowledge about the software used in transportation like surface
258	Remote Sensing And GIS for Transportation	ISTE1207	2019	Skill development(•Ability to understand the basics and characteristics of remote sensing.
259	Pavement Evaluation ,Rehabilitation and	ISTE1208	2019	Employability(•To learn about characteristic of subgrade soil.
260	Project Management	ISTE1209	2019	Employability(Identify functions of project management including estimating, job
261	Environmental Impact Assessment for	ISTE1210	2019	Employability(• environmental issues in decision-making)
262	Industry Internship and Project-1	ISTE2101	2019	Employability(Student will be doing live project For 4 months in an
263	Industry Internship and Project-II	ISTE2200	2019	Employability(Student will be performing internship for 3-months in
264	Computer Applications toPower	MTPS1101	2019	Skill development (Students will gain Functional skill set with hands-on; on Load
265	Non-Linear Control Systems	MTPS1102	2019	Skill development (Students will gain Functional skill set with hands-on; on Load
266	Micro Controller Application with PLC	MTPS1103	2019	Skill development (Students will gain Functional skill set with hands-on; on Micro
267	SCADA- Compatible with all PLC	MTPS1104	2019	Skill development (Students will gain Functional skill set with hands-on; on
268	Advanced Electrical in Automation	MTPS1105	2019	Skill development (Students will gain Functional skill set with hands-on; on Advnce
269	Sensors and VFDInterface to PLC	MTPS1106	2019	Skill development (Students will gain Functional skill set with hands-on; on
270	Digital Control System Applied to Power	MTPS1201	2019	Skill development (Students will gain Functional skill set with hands-on; on Digital
271	Power System Dynamics & Stability	MTPS1202	2019	Skill development (Students will gain Functional skill set with hands-on; on Load
272	SCADA-Compatible with fixed brand of	MTPS1203	2019	Skill development (Students will gain Functional skill set with hands-on; on
273	Distributed Control System	MTPS1204	2019	Skill development (Students will gain Functional skill set with hands-on;
274	Power System Monitoring by HMI	MTPS1205	2019	Skill development (Students will gain Functional skill set with hands-on; on Power
275	High voltage Engineering	MTPS0101	2019	Skill development (Students will gain Functional knowledge with hands-on; on
276	Optimization Techniques in Power	MTPS0102	2019	Skill development (Students will gain Functional knowledge with hands-on; on
277	Digital Power System Applications	MTPS0103	2019	Skill development (Students will gain Functional knowledge with hands-on; on

278	Power Quality Analysis	MTPS0104	2019	Skill development (Students will gain Functional knowledge of power quality)
279	Non-Conventional Renewable Energy	MTPS0105	2019	Skill development (Students will gain Functional knowledge with hands-on; on
280	Renewable Energy System Integration	MTPS0106	2019	Skill development (Students will gain Functional knowledge with hands-on; on RE
281	Concepts of Smart Grid Technology	MTPS0107	2019	Skill development (Students will gain Functional knowledge with hands-on;
282	Distribution System Engineering	MTPS0108	2019	Skill development (Students will gain Functional knowledge on power distribution
283	Power System Security	MTPS0109	2019	Skill development (Students will gain Functional knowledge with hands-on; on
284	Digital Signal Processing	MTPS0110	2019	Skill development (Students will gain Functional knowledge with hands-on; of DSP
285	Industry Internship and Project –	MTIP2102	2019	employability (Student will learn on power system operation & energy audit process
286	Basic Engineering Chemistry	BTPH1101	2019	Skill Development (Demonstrate knowledge of fundamentals of chemistry and
287	Basic Electrical Engineering	FCEL0101	2019	Skill Development (Demonstrate knowledge of basics of electrical engineering and
288	Basic Electrical Engineering	FCEL0202	2019	Skill Development (Enhancing students skill on electrical equipments such as motor,
289	Comprehensive and communication skills	ASEL1101	2019	Entrepreneurship (Develop academic and social English competencies in speaking)
290	Basic Concepts of Ayurveda, Human	CCAY0101	2019	Skill (Students will learn about different organ systems of Human body and get
291	Basic Engineering Chemistry Laboratory	BTPH1201	2019	Skill Development (Demonstrate knowledge of fundamentals of chemistry and
292	Workshop Practice	BTME0401	2019	Employability and skill development (Analyze the different applications of different shops.)
293	Environmental Science	FCAG0101	2019	Entrepreneurship (Understand different resources such as mineral resources, food
294	Mathematics Bridge Course	BTPH1102	2019	Skill Development (Solve simple mathematical problems wrt vector algebra,
295	Pharmacognosy- Concepts of	CCAY0402	2019	Employability (Learn about different herbal drug and their application which improves
296	Basic Electronics Engineering	FCEC0101	2019	Skill Development and Employability (Application of OPAMP in various purposes)
297	Basic Electronics Laboratory	FCEC0201	2019	Skill Development and Employability (Application of OPAMP in various purposes)
298	Engineering Physics	FCPH0102	2019	Skill Development (Delivered content on magnetism and its effect on electricity
299	Physics Laboratory	FCPH0202	2019	Skill Development (Hands on experience with LCR circuits, motors, phase calculations
300	IOT Enabled Systems	FCIT0101	2019	Skill (Create a basic skills for understanding of the communication protocols in IoT

301	Engineering Drawing	FCME0202	2019	Employability and skill development(Draw orthographic projection of solids like
302	Automation and Mechatronics	DEME0401	2019	Skill Development and Employability (the importance of maintenance of structures,
303	Heat & Mass Transfer	BTME0405	2018	Skill development (understand the principles of heat conduction and convection, analyze
304	Basic Electrical Engineering	BTEE0401	2018	Employability and skill development (Formulate and solve complex AC, DC
305	Refrigeration & Air-conditioning	BTME0406	2018	Employability and skill development (effect of different components on the refrigerating
306	Dairy Engineering	BTAE0401	2018	Employability (Completing this course students can get job in dairy industry as
307	Fat Rich Dairy Products	BTDT0407	2018	Employability and entrepreneurship (After completing this course students can get job
308	Microbiology of Dairy Products	BTDT0408	2018	Skill development and Employability (Students can go for higher studies (m.Tach
309	Human Nutrition	BTBS0402	2018	Skill development (Get the basic idea of milk and milk product nutrition, digestion,
310	Dairy Process Engineering	BTAE0402	2018	Employability (This industrial based course is dedicated to inspiring job possibilities (dairy
311	Starter Cultures and Fermented Milk	BTDT0409	2018	Skill development and higher studies (Being the starter culture market has shown
312	Condensed & Dried Milks	BTAE0403	2018	Entrepreneurship and employability (The course leads to the gateway of industrial
313	Quality and Safety Monitoring in Dairy	BTDT0410	2018	Employability and skill development (Being a research cum industrial based course, a
314	Ice-cream & Frozen Deserts	BTDT0411	2018	Entrepreneurship and employability (The course leads to the gateway of industrial
315	Chemistry of Dairy Products	BTDT0412	2018	Skill development and employability (The course is mainly based upon laboratory
316	Fundamentals of Dairy Extension	BTAS0402	2018	Employability (student can be placed in different sectors of employment
317	Evolution of Management Thought	MGGM1101	2011	Application of Basic mangement principles-Skill development
318	Basic Communication Skills	MGGM1102	2011	Competence in oral, written, and visual communication: Employability, Use current
319	Quantitative Techniques	MBDM1104	2017	application of quantitative techniques in business decision making- Employability,
320	Managerial Economics	MGGM1104	2014	Analysis of demand, supply, production,market; Application of different
321	Data analysis through Microsoft Excel	MGDA1109	2019	Data Analysis using software- Skill development
322	Accounting for Managers	MGFM1101	2011	Preparation of financial statement, preparation of cost sheet and financial
323	Marketing Management	MGMK1101	2011	Interpretation complex marketing issues facing by a variety of enterprises:

324	Organizational Behaviour	MGGM1105	2011	Analyze and compare different models of Human Behaviour - Employability,
325	Management Information Systems	MGIT1202	2011	Utilize Management Information Systems in achieving business competitive advantage -
326	Communication Perspective of	MGGM1206	2011	Write business proposals and reports- Employability, Entrepreneurship & Skill
327	Human Resource Management	MGHR1201	2011	Carry out human resource planning and Job analysis, develop, implement and evaluate
328	Management & Market Research	MGGM1207	2011	Understand how marketing research fits into the broader strategic planning process, with
329	Financial Management	MGFM1202	2011	Application of concepts of financial management, investment, financing,
330	Production & Operations	MGOM1201	2011	Developing aggregate capacity plans and MPS in operation environments-
331	Economic Environment of	MGGM1208	2014	Analysis of economic policy and environment-Employability,
332	Indian Society and Culture	MGGM1212	2015	Analysing social issues, Societal Analysis- Employability
333	Aptitude and Career Enhancement-I	MGGM1210	2014	Quatitative aptitude and logical analysis- Employability, Entrepreneurship & Skill
334	Operation Research	MBDM1202	2017	Manage and enhance the sales force productivity and performance:Employability
335	Summer Internship Programme	MGGM1211	2011	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
336	Strategic Management and	MGGM2318	2015	Conduct analysis of competitive situations of the enterprise and inroduction of ethical
337	Aptitude and Career Enhancement-II	MGGM2317	2014	Compete and qualify in the selection process - Employability
338	Career Communication and	MGGM2314	2014	Communicate appropriately using the technology - Employability
339	Sales and Distribution Management	MGMK2302	2011	Manage and enhance the sales force productivity and performance:Employability
340	Logistics and Supply Chain Management	MGOM2302	2011	Analyzing the manufacturing operations of a firm- Employability, Entrepreneurship
341	Legal Environment for Enterprise	MGGM2315	2011	Analyze business issues and to understand broader legal issues- Employability,
342	Project Management	MGGM2316	2011	Describe a project life cycle, identify the resources needed for each stage, develop a
343	Live Project	MGEL2401	2015	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
344	Contemporary Management courses	MGEL2402	2015	Advance topics, analysis and application of IT- Employability
345	GIS and Participatory Planning	MGEL2403	2015	Identification of the resources needed, develop a project scope utilizing GIS
346	Rural Marketing	MGMK2312	2015	Able to scuccessfully enter the rural market for promotion of his products and services:

347	Services Marketing	MGMK2313	2015	Able to deliver services successfully Employability & Entrepreneurship
348	Customer Relationship	MGMK2314	2015	Formulate and assess strategic, operational and tactical CRM decisions: Employability &
349	Consumer Behaviour	MGMK2305	2011	Detect the relevance of consumer behaviour to the entire marketing process, the nature
350	Brand Management and Marcomm	MGMK2306	2011	Appraise key issues in managing brand portfolio and making strategic branding
351	B2B Marketing	MGMK2307	2011	Effective B2B marketing strategy design and execution: Employability &
352	Retail Management	MGMK2315	2011	Make merchandise plan and to procure right merchandise: Employability &
353	International Marketing	MGMK2316	2015	Assess an organization's ability to enter and compete in international markets:
354	Social Marketing	MGMK2310	2011	Develop a strategic plan for identifying opportunities for implementing social
355	Digital Marketing	MGMK2311	2015	Apply various concepts and importance of digital marketing - Visualize various
356	GIS for Marketing	MGMK2317	2015	Develop customer marketing applications such as acquisition, marketing, messaging,
357	Service Marketing Management	MGMK2318	2019	Design service quality measurements to build customer loyalty and evaluate the
358	Advanced Managerial Accounting	MGFM2310	2015	Preparation of cost sheet and analysis of financial statements: Employability &
359	Financial Derivatives	MGFM2311	2015	Competent in derivative products such as forward, future, option & swap and to make
360	Financial Institutions, Markets & Services	MGFM2305	2011	Use techniques for raising funds from capital market and from different sources-
361	Commercial Banking and ALM	MGFM2306	2011	Use techniques for Asset/Liability Management for smooth operation of the
362	Insurance & Risk Management	MGFM2307	2011	Use techniques for identifying, measuring and managing the risk - Employability &
363	Security Analysis And Portfolio	MGFM2308	2011	Use methods of valuations of financial instruments and evaluation of risk as well as
364	Project Appraisal & Financing(PAF)	MGFM2309	2014	Preparation of detailed project report, identification of a project, feasibility analysis
365	Corporate Restructuring	MGFM2312	2015	Use techniques of Financial Corporate valuation and Engineering - Employability &
366	Financial Planning and Wealth Management	MGFM2313	2015	Use methods to determine the ways of personal tax planning, retirement and estate
367	Current Asset Management	MGFM2314	2015	Evaluate comparative current asset management policies and their impact on
368	Financial Analytics	MGFM2315	2019	Able to work with large amounts of financial data without difficulty for analysing and
369	Industrial Relations and Labour Laws	MGHR2302	2015	Handle industrial disputes - Employability

370	Compensation and Reward Management	MGHR2315	2011	Designing a pay structure - Employability
371	Performance Management	MGHR2314	2011	Fixing performance standards and performance indicators that reflect the
372	Organization Change and Development	MGHR2305	2011	Bring out appropriate changes in the organization and becoming a change agent-
373	International Human Resource	MGHR2307	2011	Design Human Resource activities in an International Context- Employability,
374	Knowledge Management	MGHR2308	2011	Critically apply theories and models to organisations for success- Employability,
375	Human Resource Planning and Sourcing	MGHR2312	2015	Development, implementation, and evaluation of employee recruitment,
376	Training and Development	MGHR2311	2011	Assess, design and implement various methods, techniques and sources of training-
377	Leadership Development	MGHR2313	2015	Develop critical thinking skills and lead the organization- Employability,
378	Organization Structure and Design	MGHR2310	2014	Designing effective organizational structure keeping in view business strategies -
379	HR Analytics	MGHR2316	2019	Employ appropriate software to record, maintain, retrieve and analyse human
380	Rural Immersion Programme	MGRM2305	2015	Carry out participatory planning with the community, develop strategies for
381	Sustainable Livelihood System	MGRM2306	2015	Introduce and train people on alternative livelihood options- Employability,
382	Public System Management	MGRM2307	2015	Comprehend and apply the basic principles of public administration model -
383	Micro Finance Management	MGRM2308	2015	Accelerating the expansion of local microbusinesses- Employability
384	Natural Resource Management	MGRM2309	2015	Work effectively with, and within, interdisciplinary and diverse groups to
385	Social Entrepreneurship	MGRM2310	2015	Students will be able to establish social enterprises- Entrepreneurship
386	Gender and Development	MGRM2311	2015	Utilize the different tools and techniques for gender planning, analysis and evaluation in
387	Hospital Administration	MGHM2301	2017	Create policy and processes and execute decisions in compliance with the legal,
388	Management Information Systems	MGHM2302	2017	Analyze existing systems and design technology solutions appropriate to the
389	Management of Out-Patient Department	MGHM2303	2017	Deal the issues effectively in emergency services, can plan, organize and supervise
390	Risk and Disaster Management	MGHM2304	2017	Handle Security Management Effectively in Hospitals, Control and Prevent hospitals
391	Management of Quality	MGHM2305	2017	Prepare quality policy and objectives for hospitals, Plan and organize quality
392	Legal and Ethical Issues for Hospitals	MGHM2306	2017	Handle medico-legal issues effectively, Ensure appropriate patient relationship,

393	Health Insurance	MGHM2307	2017	Ensure hassle free insurance facility in hospitals, Build appropriate relation with
394	Project Management in Health Care	MGHM2308	2017	Plan and implement health sector projects, Carry out feasibility analysis of health sector
395	Marketing of Hospital Services	MGHM2309	2017	Handle challenges in hospital services marketing, Design new hospital services,
396	Clinical, Diagnostic & Therapeutic Services	MGHM2310	2017	Design and manage secondary and tertiary systems of medicine, Maintain hospital
397	Patient Care and Behaviour	MGHM2311	2017	Motivate patients and instrumental in shaping positive attitude towards hospital,
398	Web Traffic Generation	MBDM2201	2017	Increase traffic in any website, Popularizing websites- Employability, Entrepreneurship &
399	Link Building & e-WoM	MBDM2202	2017	Increase links through web, Building relationships through the web-
400	Social Media Marketing	MBDM2203	2017	Develop effective social media marketing strategies for various types of industries and
401	Branded Content and the Future of Media	MBDM2204	2017	Develop and market branded contents, Employability,
402	Ideas, Brands and Business	MBDM2205	2017	Make strategic branding decisions- Employability, Entrepreneurship
403	Brand Planning and Consumer Insights	MBDM2206	2017	Design and execute intelligent and innovative research studies to scan the
404	Digital Strategies and Planning	MBDM2207	2017	Create a digital marketing plan and budget; identify suitable measures to set objectives
405	Mobile & E-Mail Marketing	MBDM2208	2017	Ability for technology adoption, various devices, changing nature of services and
406	Search Engine Optimization	MBDM2209	2017	Able to improve sales volume through search engine optimization - Skill
407	Search Engine Marketing	MBDM2210	2017	Able to improve sales volume through Google AdWords and other elements of
408	Technology of e-Commerce	MBDM2211	2017	Able to integrate distributed database technologies within the internet architecture
409	Online Reputation Management	MBDM2212	2017	Ability to give a structure of quality websites and portals - Skill development
410	Affiliate Marketing	MBDM2213	2017	Able to structure quality web designing for affiliate marketing - Skill development
411	Web Content Writing	MBDM2214	2017	Ability to develop creativity and creating quality content- Skill development
412	Power Distribution Management	MGPM2301	2018	Create e-business plan, Make e-business risk analysis and justify it- Employability,
413	Power Plant System	MGPM2302	2018	Plan and administer policies for power plants, Handle usages of equipment in
414	Project Planning, Analysis and	MGPM2303	2018	Carryout feasibility analysis of projects (Market, Technical, Financial and Economic),
415	Electricity Industry Structure and Act	MGPM2304	2018	Handle power generation, transmission, and distribution process effectively, Manage

416	Integrated Energy Management &	MGPM2305	2018	Develop plan for sustainable use of alternative sources of energy, Plan for
417	Financing Energy Sector Projects	MGPM2306	2018	Carry out feasibility study of projects for micro, small and medium enterprises,
418	Power Pricing & Power Purchase	MGPM2307	2018	Develop agreements for power purchase, Calculate capital cost operational cost,
419	Power Trading	MGPM2308	2018	Design and develop the power market engaging modern technology- Employability,
420	Power Station Management	MGPM2309	2018	Utilise safe technology, Handle the challenges in power generation,
421	Renewable Energy for a Sustainable Future	MGPM2310	2018	Plan for utilization of renewable energy, Design facilities for solar, wind and tidal
422	Risk Hazard and Environment	MGPM2311	2018	Establish first aid facilities, Plan for risk reduction,Develop hazardous waste
423	Energy Conservation & Update	MGPM2312	2018	Establish first aid facilities, Plan for risk reduction,Develop hazardous waste
424	Maintenance Management and	MGPM2313	2018	Handle inventory properly, Job designing, Manage production maintenance-
425	Service Operations Management	MGOM2303	2011	Carry out optimal inventory management- Employability, Entrepreneurship
426	Total Quality Management	MGOM2311	2011	Use statistical approach for quality control, ISO and QS certification process-
427	Technology Management	MGOM2312	2015	Technology adoption and technology transfer-Employability, Entrepreneurship
428	Purchase and Materials	MGOM2305	2011	Develop materials requirement planning technique, handel issues related to
429	Environment & Industrial Safety	MGOM2306	2011	Formulate or design a system, process, procedure, or program to meet desired
430	Business Process Re-engineering &	MGOM2307	2011	Model and develop improved business processes that require IT and organizational
431	Enterprise Resource Planning	MGOM2308	2011	Develop Generic Model of ERP and Implementation of General ERP
432	Production Planning and Inventory Control	MGOM2309	2018	Develop Production planning and handel control issues in both service and
433	Supply Chain Modelling	MGOM2310	2011	Value creation and revamping supply chains for becoming competitive in the market-
434	Data analysis through Microsoft Excel	MGDA1109	2019	Data Analysis using software- Skill development
435	Data base & Data warehouse	MGDA1110	2019	Able to make better business decisions by using Data warehousing business intelligence
436	Information System in Business	MGDA1210	2019	Analyze actions affecting the business as well as prepare cost estimates and forecasts-
437	Data Visualisation with Power BI and	MGDA1216	2019	Able to represent data visualization for business analytics- Skill development
438	Python	MGDA1217	2019	Can use Python for data analysis and visualization.- Skill Development

439	R Programming	MGDA1218	2019	Use R programming for statistical computing and graphics to clean, analyze, and graph
440	Artificial Intelligence, Machine learning &	MGDA1221	2019	Make data-driven recommendations and decisions based on only the input data- Skill
441	Anatomy Physiology & Health Education	MGGM1106	2019	Apply knowledge on structure and function of body parts for therapies-Employability
442	Pharmacology	MGPH1201	2019	Able to advise use of drugs for therapeutic purposes-Employability
443	Basic Epidemiology	MGPH1202	2019	Analysis of distribution and determinant of health and diseases condition in defined
444	Selling and Reporting Skills of	MGPH1203	2019	Handle pharmaceutical marketing efficiently-Employability, Entrepreneurship
445	Pharmaceutical Brand Management	MGPH2101	2019	Development of brand of a product-Employability, Entrepreneurship
446	Pharmaceutical Sales and Distribution	MGPH2102	2019	Increase pharmaceutical sales, develop promotional strategy,-Employability,
447	Drug Regulatory Affairs & Intellectual	MGPH2104	2019	Able to manufacture and sale of pharmaceuticals-Employability,
448	Manufacturing Management	MGPH2105	2019	Able to plan and design pharmaceutical production system-Employability
449	Financial Reporting & Analysis	MGPH2106	2019	Analyze financial statements-Employability
450	Pharmaceutical Advertising & Services	MGPH2107	2019	Able to design managerial process to oversee and control the various advertising
451	Introduction to Indian Society	MGDM0101	2018	Critically examine the challenges in society from a multi stakeholder perspective -
452	Marketing Management	MGMK1101	2018	Interpretation complex marketing issues facing by a variety of enterprises:
453	Sustainable Entrepreneurship	MGDM0103	2018	To promote sustainable enterprises- Employability, Entrepreneurship
454	Skill Ecosystem Development	MGDM0104	2018	Appraise the skill ecosystem and its dimensions - Employability
455	Innovation and Regional	MGDM0106	2018	Develop innovative approaches- Employability
456	Project Management	MGAM0102	2018	Describe a project life cycle, identify the resources needed for each stage, develop a
457	Summer Internship	MGDM0801	2018	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
458	Development and Globalisation	MGDM0107	2018	Analyzing the manufacturing operations of a firm, dealing with fundamental issues of
459	Global Production Network	MGDM0108	2018	To deal with the terrain of globalization and production networks in the new world order
460	Research Methods	MGAM0103	2018	Application of modern analytical tools and techniques for management decision
461	Gender Issues in Development	MGDM0109	2018	Adopt different tools and techniques for gender planning, analysis and evaluation in

462	Introduction to Ethics	FCMG0116	2018	To appraise ethical issues and challenges in organizations - Employability
463	Development Internship	MGDM0802	2017	Skills to appraise concepts at real time situations- Skill development
464	Development Action Research Thesis	MGDM0301	2018	To develop writing and analytical skills- Skill development
465	Accounting for Managers	MGFA1101	2018	Preparation of financial statement, preparation of cost sheet and financial
466	Agriculture Action Research Thesis	MGAM0301	2018	To develop writing and analytical skills- Skill development
467	Micro and Macro Economics	MGDM 1104	2014	Application of different economic paradigms using Microeconomics concepts-
468	IT Enabled Communication	MGDM 1103	2014	Use IT tools for effective communication - Skill development
469	Individual and Group Behaviour	MGDA1103	2017	Competence to deal with behavioural challenges in an organization and insights for
470	Socio-Economic and Political History of	MGDM 1201	2014	Analyse social, economical and political background of India for decision making -
471	Financial Inclusion and Micro-finance	MGDM 2303	2014	To appraise the scenario of financial inclusion in the country , acquire skills to
472	Economic Environment for	MGAM1204	2017	Developing aggregate capacity plans and agricultural policies for sustainable
473	ICT in Agriculture	MGAM1102	2017	Applications of information & Community technology in various fields of agriculture
474	Agricultural Marketing	MGAM1203	2017	Effectively evaluate the challenges and prospects of agri marketing system, :
475	Natural Resource Management	MGDM 2406	2014	Work effectively with, and within, interdisciplinary and diverse groups to
476	Post-harvest and Processing	MGAM2108	2017	Carry out Interdisciplinary approach to post-harvest management including biology,
477	Live-stock management (Theme	MGAM2203	2017	Manage animals for food and fiber production: Employability
478	Sales and Distribution Management (Theme	MGAM2103	2017	Develop a sales and distribution plan for products/services- Employability
479	Commodity market and trading (Theme	MGAM2209	2017	Develop plans to minimize risk through trade strategies: Employability, Entrepreneurship
480	Agricultural Internship	MGAM0802	2014	To apply and evaluate the learned concepts, theories at real time situations- Skill
481	Proficiency in English	BBAR1101	2015	Communicate effectively: Employability
482	Basic Financial Accounting	BBAR1102	2015	Preparation and use of financial statement of different types of organisations:
483	Management Principles and	BBAR1103	2016	Application of Basic mangement principles in organizations- Employability
484	Micro Economics	BBAR1104	2015	Utilize micro economic concepts and techniques to take business decisions

485	Computer application in Business	BBAR1105	2016	Identify and utilize appropriate technology for effective decision-making and improved
486	Reading to Writing	BBAR1201	2015	Increased reading speed and using academic vocabulary in writing - Employability
487	Organisational Behaviour	BBAR1202	2015	Analyze and compare different models of Human Behaviour - Employability,
488	Business Statistics	BBAR1203	2016	Use statistical tools for managerial decision-making- Employability, Entrepreneurship
489	Macro Economics	BBAR1204	2015	Apply macroeconomic perspective to solve business issues and take appropriate policy
490	MS EXCEL	BBAR1205	2016	Use Microsoft Excel for data analysis- Skill Development
491	Human Resource Management	BBAR2101	2015	Carry out human resource planning and Job analysis, develop, implement and evaluate
492	Principles of Marketing	BBAR2102	2016	Solving marketing issues faced by a variety of enterprises : Employability &
493	Cost & Management Accounting	BBAR2103	2016	Preparation of cost sheet and analysis of financial statements: Employability &
494	Oral Communication Skills	BBAR2104	2015	Use of strategies, such as contextualization of new vocabulary, use of previewing,
495	Production & Operation	BBAR2105	2015	Developing aggregate capacity plans and MPS in operation environments-
496	Research Methodology	BBAR2201	2015	Application of modern analytical tools and techniques for management decision
497	Operation Research	BBAR2202	2015	Develop a report that describes the model and the solving technique, analyse the
498	Financial Management	BBAR2203	2016	Application of concepts of financial management, investment, financing,
499	Business Communication	BBAR2204	2015	Use of strategies to demonstrate comprehension of written and spoken
500	Tally and ERP	BBAR2205	2016	Preparation of financial statement of different types of organisations with Tally:
501	Financial Institutions and Markets	BBAR3101	2016	Use techniques for raising funds from capital market and from different sources-
502	Business Law for Managers	BBAR3102	2016	Utilize legal framework for starting a business venture and running it successfully
503	Summer Internship	BBAR3103	2015	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
504	Strategic Management	BBAR3204	2019	Conduct analysis of competitive situations of the enterprise they would be employed
505	Entrepreneurship Development	BBAR3202	2016	Develop business plan, assess the various opportunities and constraints for new
506	SPSS	BBAR3203	2016	Use SPSS for analyzing data and define a variety of statistical variables- Skill
507	International Finance	BBAF3101	2016	Use techniques for managing the financial issues in international environment -

508	Investment Banking & Financial Services	BBAF3102	2016	Use techniques for raising funds from capital market and from different sources-
509	Investment Analysis & Portfolio	BBAF3103	2016	Use methods of valuations of financial instruments and evaluation of risk as well as
510	Project Appraisal	BBAF3104	2016	Preparation of detailed project report, identification of a project, feasibility analysis
511	Business Analysis & Valuation	BBAF3105	2016	Analyse and interpret the financial statements for various decision making
512	Financial Modelling & Derivatives	BBAF 3106	2016	Uses techniques of Financial modeling and various Financial Derivatives including
513	Strategic Corporate Finance	BBAF3107	2016	Use valuation principles, tools & techniques, the link between valuation and corporate
514	Research Project	BBAF3108	2016	Identification of research problems, collection of data and analysis of data :
515	Consumer Behaviour	BBAM3101	2016	Apply the concepts and theories covered in the course to devise effective solutions: Skill
516	Personal Selling & Sales Force	BBAM3102	2016	Evaluate the role of sales manager and his/ her responsibilities in recruiting, motivating,
517	Advertising & Brand Management	BBAM3103	2016	Appraise key issues in managing brand portfolio and making strategic branding and
518	Retail Management	BBAM3104	2016	Make merchandise plan and to procure right merchandise: Employability &
519	Distribution & Supply Chain Management	BBAM3105	2016	Design and implement distribution channel strategy: Employability, Entrepreneurship
520	Marketing of Services	BBAM3106	2016	Design service quality measurements to build customer loyalty and evaluate the
521	International Marketing	BBAM3107	2016	Assess an organization's ability to enter and compete in international markets:
522	Research Project	BBAM3108	2016	Competent with identification of research problems, collection of data and analysis of
523	Hospitality management	BBAM3109	2016	Create policy and processes and execute decisions in compliance with the legal,
524	HRD : Systems & Strategies	BBAH3101	2016	Prepare strategies for development of human resources in organizations-
525	Training & Development	BBAH3102	2016	Prepare training calander and training contents by analysing the need-
526	Management of Industrial Relations	BBAH3103	2016	Plan policies towards Labour Welfare and maintain sound Industrial Relations-
527	Performance & Compensation	BBAH3104	2016	Fixing performance standards and performance indicators that reflect the
528	Counselling & Negotiation Skills for	BBAH3105	2016	Negotiation with business enterprises- Employability, Entrepreneurship
529	Cross Cultural HRM	BBAH3106	2016	Diversity management respecting the culture of employees- Employability,
530	Talent & Knowledge Management	BBAH3107	2016	Develop knowledge management process in the organization- Employability

531	Research Project	BBAH3108	2016	Knowledge and skills in preparing a project report- Employability, Entrepreneurship
532	International Trade Policy & Strategy	BBAB3101	2016	Analyze new opportunities in international trade, global supply and value chains,
533	Global Business Environment	BBAB3102	2016	Analyse the key decisions that multinational firms make in relation to the
534	Transnational & Cross Cultural Marketing	BBAB3103	2016	Formulate marketing strategy taking into consideration cultural beliefs, values and
535	International Distribution & Supply	BBAB3104	2016	Use commonly accepted frameworks and tools to analyze supply chain situations-
536	International Accounting &	BBAB3105	2016	Prepare the mandatory financial statements, according to the IFRS- Employability
537	Multinational Business Finance	BBAB3106	2016	Can handle – Problems and issues in foreign investment, Manage payment settlements-
538	International Joint Ventures, Mergers &	BBAB3107	2016	Handle issues in mergers and acquisitions- Employability
539	Research Project	BBAB3108	2016	Project writing skills and utilization of research methodologies in a project-
540	Financial Accounting I	BCFA1102	2017	Preparation and use of financial statement of different types of organisations:
541	Business Mathematics	BBAR1106	2017	Data analysis using mathematical function- Employability & Entrepreneurship
542	Business Economics	BCFA1104	2017	Apply macroeconomic perspective to solve business problems- Employability &
543	Business Law	BCOR1202	2017	Utilize legal framework for starting a business venture and running it successfully
544	Introduction to Banking	BBAR1208	2017	Carry out operational activities in commercial banks Employability
545	Business Environment	BBAR1206	2017	Analyse business environment and take appropriate decision Employability and
546	Financial Accounting II	BCFA1207	2017	Preparation and use of financial statement of different types of organisations:
547	Direct Tax	BBAR2106	2017	Can handle computation of heads of income and taxable income, TDS, advance tax etc.:
548	Indirect Taxes / GST	BBAR2107	2017	Calculate and file GST, levy and collection of tax, input tax credit, IGST act GSTN etc.:
549	Tally.ERP 9	BBAR2109	2017	Preparation of financial statement of different types of organisations with Tally:
550	Cost & Management Accounting	BBAR2110	2017	Preparation of cost sheet and analysis of financial statements: Employability &
551	Corporate Law	BBAR2108	2017	Utilize legal framework for starting a business venture and running it successfully
552	E-Commerce	BBAR2209	2017	carry out entrepreneurial activities electronically (E-commerce) Employability
553	Advanced Excel	BBAR2208	2017	Utilize advance features of Ms-excel in the day to day activities of the business,alsofor

554	Quantitative Techniques for	BBAR2207	2017	formulate complex problems into mathematical models to solve using
555	Auditing	BBAR2210	2017	Identify the areas of fraud and errors in the accounts and take corrective actions while
556	Business Ethics & Governance	BBAR2206	2017	Introduction of ethical practices in business - Employability, Entrepreneurship
557	Corporate Accounting	BBAR3109	2017	Develop Accounting procedures used in corporates and the strategies involved in the
558	Financial Market Operation	BBAR3110	2017	Analyse Money market, Capital market, its instruments and apply the same in
559	On Job Internship-I	BBAR3111	2017	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
560	Global Finance	BBAR3209	2017	Apply suitable techniques and strategies to reduce risk in the foreign exchange market -
561	Banking Law & Practice	BBAR3210	2017	Adhere to Banking laws and practices while working in banking sector- Employability
562	On Job Internship-II	BBAR3211	2017	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
563	Communication Research Methods	MAMC1101	2018	Analyse data with techniques of social science, media research - Skill development
564	Introduction to Print & Electronic Media	MAMC1102	2018	Competence in Print and Electronic Media and can work in Print and Electronic Media
565	Society, Media and Communication	MAMC0501	2018	Skill development and Entrepreneurship; Competence on the media business, its
566	Cultural Studies	MAMC0903	2016	Skill development; Competence in the process of production of media culture and
567	Advanced Digital Media	MAMC1103	2018	Students will be able to Competence skills in modern media and will be able to analyse
568	Digital Media Platforms	MAMC1104	2018	Employability: Get jobs in Television program production or Radio Program
569	Film studies	MAMC1105	2018	Students will be able to develop skills in different aspects of Film and will be able to
570	Advertising and Public Relations	MAMC1106	2018	After studying this paper student will be able to employ Public Relations and Advertising
571	Thesis	MAMC0301	2018	Employability: Analysing Media issues and analysis of media content.
572	Animation	MCDE0601	2016	Ability to create quality animation performance through a creative and
573	Radio Jockeying	MCDE0602	2016	Skill development in aggregate capacity to develop the skills of a Radio Jockey.
574	TV Anchoring	MCDE0603	2016	Skill development in the aggregate capacity to develop the skills of a Television Anchor.
575	Fashion Photography	MCDE0604	2016	Skill development: Developing competency for professional fashion photography.
576	Camera Operator	MCDE0605	2018	Skills development and Employability in camera handling and planning and producing

577	Video Editor	MCDE0606	2018	Skill development in television field and its functioning. Build the ability to develop and
578	Web Content Development	MCDE0607	2016	Skill development and Entrepreneurship: Competence in Content development for
579	Sound Engineer	MCDE0608	2018	Skill development on sound editing with defferent software.
580	Adobe tools and Illustrations	MCDE0609	2018	Work on Adobe Illustrator in the beginner level, and on graphics designing. Skill
581	Communication in History and History of	MCFC0501	2016	Utilise the skill in communication of the stuents- Skill development and students can
582	Introduction to Communication	MCCC0101	2016	Use the Communication skill and able to differentiate between different forms and
583	Introduction to Print and Electronic Media	MCFC1101	2018	Competence in Print and Electronic Media and can work in Print and Electronic Media
584	Introduction to Social Media	MCCC1101	2018	Student will able to get employment on Social media- Employibility
585	Media, Communication and	MCFC 0902	2016	Enhance the skill of student can analyse process of production of media culture and
586	Electronic Media	MCCC1102	2018	Students can develop their skills in in TV/Radio/ Digital media platforms.
587	Development Communication	MCCC0904	2016	Students will make strategy designing and campaign designing skill and able to develop
588	Intercultural Communication	MCCC0905	2016	Competence on intercultural communication and culture influences the communication
589	Gender and Communication	MCCC0906	2016	Students will enhance their skill and able to raie gender issues and role of media in it-
590	Film Studies	MCCC1103	2018	Students will be able to develop skills in different aspects of Film and will be able to
591	PR and Advertising	MCCC1104	2018	After studying this paper student will be able to employ Public Relations and Advertising
592	Digital Media	MCCC1105	2018	Students will be able to develop skills in new media and will be able to analyse
593	Final Project	MCCC0301	2016	Skill development;Analysing Media issues and analysis of media content.
594	Mathematical Physics	MSCP1101	2017	Skill - Tensors: Tensor analysis, Pseudo-tensors, Dual tensors. Gamma function and
595	Classical Mechanics	MSCP1102	2017	Employability - Variational principle, Central force problem, Canonical transformations,
596	Quantum Physics I	MSCP1103	2017	Employability - Angular Momentum, The Hydrogen Atom, Perturbation Theory.
597	Electrodynamics & Special Relativity	MSCP1104	2017	Employability - The special theory of relativity, Relativistic Mechanics, Relativistic
598	Modern Physics Lab	MSCP1105	2017	Skill - Practice course
599	Solid State Physics	MSCP1201	2017	Employability - Crystal Vibrations (Phonon theory), Thermal Properties of Solid, Free

600	Electronics Devices and Circuits	MSCP1202	2017	Employability - Bipolar junction Transistor, Field Effect Transistors, Operational
601	Computational Physics	MSCP1203	2017	Skill - Learning several numerical differentiation and integral methods to solve
602	Computational Physics Lab	MSCP1204	2017	Skill and employability - Learning simulation and solving problems using programming.
603	Electronics Devices Lab	MSCP1205	2017	Skill - Experiments done on electronic devices like Junction Diodes, Zener Diode,
604	Atomic and Molecular Physics	MSCP2301	2017	Employability - Molecular spectra , Laser.
605	Nuclear and Particle Physics	MSCP2302	2017	Employability - Nuclear models:Shell Model, Liquid Drop Model, Nuclear Reactions, Sub-
606	Quantum Physics II	MSCP2303	2017	Employability - Variational Methods, WKB Approximation, Time Dependent
607	Microprocessor and Interfacing devices	MSCP2304	2017	Employability - Microprocessor Architecture, Assembly language program & executing
608	Soft Matter Physics	MSCP2305	2017	Employability - Elastic soft matter, Liquid crystals, Brownian motion and thermal
609	Microprocessor lab	MSCP2306	2017	Skill - Microprocessors Lab
610	Materials Lab I	MSCP2307	2017	Skill - Materials Lab I
611	Electronics Communication	MSCP2401	2017	Employability - Analog Modulation Systems, Digital Modulation Systems, Optical
612	Electronics simulation Lab	MSCP2402	2017	Skill - Electronics simulation lab.
613	Introduction to Bio- and Nano-materials	MSCP2403	2017	Employability - Natural biomaterials, Nano-Materials Introduction, Synthesis Routes,
614	Advanced Solid State Physics	MSCP2404	2017	Employability - Many Body Systems, Magnetic properties
615	Materials Lab II	MSCP2405	2017	Skill - Materials lab II, Employability - synthesis of materials, Analysis of dielectric
616	Statistical Physics	MSPH3602	2017	Employability -The Statistical Basis of Thermodynamics, Canonical Ensemble, The
617	Embedded System	MSPH5103	2017	Employability - Embedded systems
618	Project/Dissertation	MSPP2401	2017	Skill - project work, writing a report, writing a research article.
619	Seminar I	MSPS2301	2017	Skill - Learning to develop a PPT and improving communicaiton skill.
620	Seminar II	MSPS2401	2017	Skill - Learning to develop a PPT and improving communicaiton skill.
621	Introduction to Research	MSRM5101	2017	Skill - Research Process, Data Analysis, Building Mathematical Models,
622	Advanced Physical Chemistry I	MSCC1101	2019	employability-Chemical Dynamics ,Adsorption,Electrochemistry,

623	Advanced Inorganic Chemistry I	MSCC1102	2019	Employability-Metal-Ligand Bonding-I&II, Electronic Spectra and Magnetic Properties
624	Advanced Organic Chemistry I	MSCC1103	2019	Employability-Aliphatic Nucleophilic Substitution,Aromatic Nucleophilic
625	Polymer Chemistry	MSCC1104	2019	Employability-Kinetics of melting, crystal morphology, free volume, distribution of
626	Chemistry Laboratory 1	MSCC1105	2019	Skill-Inorganic Chemistry Practical-I,Organic Chemistry Practical-I
627	Advanced Physical Chemistry II	MSCC1201	2019	Employability-Non-ideal systems,Quantum Chemistry-I,II ,III and IV.
628	Advanced Inorganic Chemistry II	MSCC1202	2019	Employability-Metal n -Complex,Metal Clusters,Organometallic Chemistry I &II .
629	Advanced Organic Chemistry II	MSCC1203	2019	Employability-Organic Synthesis and retrosynthesis,Organometallics in
630	Nuclear Chemistry	MSCC1204	2019	Employability-Systematic Study of alpha, beta and gamma decays,Module-II & III, Nuclear
631	Chemistry Laboratory 2	MSCC1205	2019	Skill-Organic chemistry practical-III
632	Water Quality Analysis	SBFE3127	2019	Skill- Water Quality Analysis
633	Pharmaceutical Chemistry	MSCC1001	2019	Skill-Pharmaceutical Chemistry
634	Clinical Practice lab	SBFE3152	2019	Skill-Clinical Practice Lab
635	Analytical Chemistry	MSCC1002	2019	Skill-Analysis of soil,food products,Chromatography
636	Advanced Inorganic Chemistry III	MSCC2301	2019	Skill-Instrumental Method of Analysis,Raman Spectroscopy,Homogeneous and
637	Advanced Organic Chemistry III	MSCC2302	2019	Employability-Bioenergetics,Amino Acids, Peptides and
638	Advanced Physical Chemistry III	MSCC2303	2019	Employability-Electronic spectra of molecule,Electronic spectra of diatomic
639	Advanced Solid State Chemistry	MSCC2304	2019	Employability-Bonding in Solids,of solids-band theory,Mechanical Properties of
640	Chemistry Laboratory 3	MSCC2305	2019	Skill-Physical Chemistry Practical
641	Green Chemistry Lab	MSCC2306	2019	Skill-Green Chemistry Lab
642	Advanced Organic Spectroscopy	MSCC2401	2019	<i>Skill-Ultraviolet Spectroscopy,IR Spectroscopy,IR Spectroscopy-II ,Nuclear</i>
643	Advanced Bio-Inorganic Chemistry	MSCC2402	2019	Employability-Metalloporphyrins and Iron-sulphur Protein,Metalloporphyrins and Iron-
644	Seminar	MSCS2401	2019	Skill-To creat a research mind in students
645	Chemistry Laboratory 4	MSCC2403	2019	Skill-Instrumental Methods of Analysis Lab

646	Biovia project	MSBV0301	2019	Skill -Students will know simulation,design of a drug molecules/materials and it's
647	MATHEMATICAL MODELLING	MSMA 4701	2017	Skill- Mathematical modelling through ordinary differential equations of first order.
648	ABSTRACT ALGEBRA - I	MSMA 4702	2017	Employability - Automorphisms, Cayley's Theorem, Permutations Groups
649	ADVANCED ANALYSIS	MSMA 4703	2017	Employability - Connected sets, Bounded sets, Totally Bounded sets, Complete Metric
650	PARTIAL DIFFERENTIAL	MSMA 4704	2017	Skill- Eigen value Problems Employability - The Cauchy Problem, The
651	DIFFERENTIAL GEOMETRY	MSMA 4705	2017	Employability - Fundamental Triads, Curves, Serret-Frenet Formulae, Curvatures and
652	MEASURE THEORY	MSMA 4801	2017	Employability - Outer measure, Measurable sets and Lebesgue measure
653	ADVANCED CALCULUS	MSMA 4802	2017	Skill- Derivatives of functions on R^n , Differentiation of composite functions
654	TOPOLOGY	MSMA 4803	2017	Employability - T_0 - and T_1 - spaces and sequence, Axioms of countability
655	FLUID DYNAMICS – I	MSMA 4804	2017	Employability - Fundamental equations of the flow of viscous compressible fluids
656	TENSOR ANALYSIS	MSMA 4805	2017	Skill- Riemann Geometry Employability - Tensor Algebra, Applications
657	ABSTRACT ALGEBRA-II	MSMA 5101	2017	Employability -Algebra of Linear Transformations, Characteristic Roots
658	COMPLEX ANALYSIS-II	MSMA 5102	2017	Employability -General form of Cauchy's Theorem, Calculus of Residues, Evaluation of
659	FLUID DYNAMICS – II	MSMA 5103	2017	Employability -The Laminar boundary layer, Properties of Navier-Stokes equations
660	OPERATION RESEARCH – II	MSMA 5104	2017	Skill- Graphical method for $2 \times n$ and, $m \times 2$ matrix games
661	NUMBER THEORETIC CRYPTOGRAPHY	MSMA 5105	2017	Employability -Enciphering matrices, The idea of public key Cryptography, RSA
662	THEORY OF COMPUTATION	MSMA 5201	2017	Employability -Computability Theory: Churh-Turing thesis
663	ADVANCED NUMERICAL ANALYSIS	MSMA 5202	2017	Employability -Eigen values and Eigen Vectors: Basic power method, Rayleigh
664	STATICS & DYNAMICS	DEHD0101	2017	Skill- To develop in students the ability to analyze dynamics problems in a simple and
665	INTRODUCTION TO HYDRODYNAMICS	DEHD0102	2017	Skill- To develop the knowledge and comprehension of basic principles of
666	MAT LAB Programming for	DEHD0401	2017	Skill- To develop the computational methods to solve the Applied Science problems using
667	NUMERICAL SOLUTION OF	DEHD0201	2017	Skill- To develop the knoledge of numerical solution of Basic Hydrodynamics Problems
668	COMMUNICATIVE ENGLISH AND	BSMA2001	2017	skill- Effective oral and written communication

669	FORTRAN-95 PROGRAMME	BSMA2002	2017	skill- Learn fundamental concepts of FORTRAN-95 and able to translate scientific
670	MAT LAB	BSMA2003	2017	skill- Write systems of equations in matrix form
671	Microbiology	MSBO1101	2017	Higher studies/Employability- Students learn on preparation and sterilization of media,
672	Plant Diversity	MSBO1102	2017	Higher studies/Skill-Pursue higher studies and enhance their skill on culture,
673	Cell Biology	MSBO1103	2017	Employability-Perform comparative karyotypic analysis, techniques like
674	Plant Ecology	MSBO1104	2017	Employability-Practical on biodiversity measurement by different indices,
675	Botany Laboratory-I	MSBO1105	2017	Employability/Skill-Acquire general idea on instruments used in microbiology laboratory
676	Genetics and Molecular Biology	MSBO1201	2017	Higher studies/Skill- Students can isolate plant DNA & quantification of extracted DNA
677	Plant Physiology, Metabolism, and	MSBO1202	2017	Employability- Practicals on study of principles of spectrophotometer &
678	Biostatistics and Instrumentation	MSBO1203	2017	Skill-Hand on practice on different tool like PAGE, XRF, chromatography, spectroscopy
679	Environmental Pollution and	MSBO1204	2017	Employability-Testing water and soil quality,practicals on Phytoremediation and
680	Botany Laboratory-II	MSBO1205	2017	Skill-Gain practical knowledge on molecular biology, physio and biochemical analysis;
681	Systematics and Pathology	MSBO2301	2017	Employability-Identification of plants, plant diseases and control measures
682	Natural Resource Management and	MSBO2302	2017	Skill/ Employability- Bioresource management.
683	Embryology and Anatomy	MSBO2303	2017	Skill-Gain practical knowledge on anatomical identifications of plant parts
684	Techniques of Tissue Culture	MSBO2304	2017	Entrepreneurship- Practicle on Production of synthetic seeds, Techniques of surface
685	Botany Laboratory-III	MSBO2305	2017	Skill-Acquire practical knowledge on economic crops; learn media preparation
686	Scientific visit	MSBP2301	2017	Skill- Observe and get knowledge on various fields of research in science in different
687	Plant Biotechnology and Bioinformatics	MSBO2401	2017	Entrepreneurship/Employability- Practicle on Production of synthetic seeds, Techniques of
688	Eco toxicology & Waste Management	MSBO2402	2017	Employability-Practicle on E-waste management, smart waste management;
689	Microbial Technology & Physiology	MSBO2403	2017	Employability-Perform fermentation technology, Food processing technology
690	Project/Dissertation	MSBP2401	2017	Employability- Problem analysis by opting the project work, findings and presentation
691	Seminar	MSBS2401	2017	Skill-Build up confidence to present their research paper in Conferences/Seminars

692	Bio-fertilizer	MSLS1001	2017	Skill- Isolation of Rhizobium or Azotobacter from plant root nodules& rhizosphere,
693	Tools and Techniques in Biosciences	MSLS1002	2017	Skill-Hand on practice on different tool like PAGE, XRF, chromatography, spectroscopy
694	Phytochemistry and Pharmacogony	MSLS1003	2017	Skill- Practice oh phytopharma, plant based drug discovery and secondary metabolite
695	Apiculture	MSLS1004	2017	Skill- Study of chamber of honey box, honey bee culture..Honey extraction and analysis of
696	Medical Diagnostics	MSLS1005	2017	Skill-Perform experiment on stool ,sputum and semen ,urine, blood analysis and and
697	Animal Diversity	MSZO1101	2019	Skill - Protozoan parasites in brief (Trypanosome, Plasmodium), Canal system
698	Biosystematics and Taxonomy	MSZO1102	2019	Employability - . History of Classification Trends in biosystematics: Chemotaxonomy
699	Cell & Molecular Biology	MSZO1103	2019	Employability - CellSignaling: Signalling molecules and signal receptors, second
700	Biochemistry	MSZO1104	2019	Employability - Carbohydrate metabolism: Glycolysis, TCA cycle, pentose-phosphate
701	Zoology Laboratory-I	MSZO1105	2019	Skill - 1. Study of Museum Specimen 2. Preparation & mounting of Microscopic
702	Comparative Anatomy of vertebrates	MSZO1201	2019	Skill - Comparative account of respiratory organs.Comparative account of Digestive
703	Microbiology	MSZO1202	2019	Skill - General features of Archaea, Structure, Nutrition and Reproduction of Eubacteria,
704	Genetics	MSZO1203	2019	Skill - Sex chromosomes, Chromosomal sex determination: XX-XY, XX-XO and ZZ-ZW
705	Immunology and Cancer Biology	MSZO1204	2019	Employability - Antigen – Antibody interaction (Antibody affinity, Radial and
706	Zoology Laboratory-II	MSZO1205	2019	Skill - 1. Study of Museum Specimen 2. Study of anatomical slides
707	Physiology & Endocrinology	MSZO2301	2019	Skill - The heart: cardiac cycle & its regulation, pulmonary ventilation,
708	Animal Biotechnology	MSZO2302	2019	Skill - Animal cell and tissue culture technology: Cell culture laboratory design
709	Ecotoxicology	MSZO2303	2019	Employability - Productivity, Production and analysis.Recycling and reuse technologies for
710	Quantitative Biology & wild life	MSZO2304	2019	Skill - Biodiversity: concept and principal of biodiversity, causes for the loss of
711	Zoology Laboratory-III	MSZO2305	2019	Skill - 1. Study of T.S,V.S,L.S of different mammalian organ
712	Developmental Biology	MSZO2401	2019	Skill - Primordial germ cells, Spermatogenesis, Oogenesis, Fertilization:
713	Instrumentation & Biophysics	MSZO2402	2019	Skill - Principle of operation and Instrumentation of Light, Fluorescence and
714	Environment and Pollution	MSZO2403	2019	Employability - biomass production, biotechnology for generation of biogas ,

715	English	BSFL1101	2016	Skill - Communication, Communicative Grammar, Sounds of English
716	Environmental Science	FCBS0101	2016	Employability - Environmental Science
717	Mathematical Physics-1	BSPH1101	2016	Skill - Practice using programming in C.
718	Mechanics	BSPH1102	2016	Skill - Mechanics Lab
719	Thermal Physics	BSPH1201	2016	Employability - Laws of Thermodynamics, Carnot engine & efficiency. Carnot's
720	Waves and optics	BSPH1202	2016	Employability - Interferometer, Diffraction grating. Resolving power of grating, Fresnel's
721	Mathematical Physics II	BSPH2301	2017	Skill - Practice using Scilab leads to computational skill.
722	Electricity and Magnetism	BSPH2302	2017	Employability - Magnetic Properties of Matter, Magnetization, Electromagnetic
723	Analog systems and Applications	BSPH2303	2017	Employability - Semiconductor Diodes, Two-terminal Devices and their Application,
724	Mathematical Physics III	BSPH2401	2017	Skill - Develop the skill of solving mathematical problems using Scilab.
725	Elements of Modern Physics	BSPH2402	2017	Employability - Radioactivity, Fission and Fusion, Lasers.
726	Digital systems and Applications	BSPH2403	2017	Employability - CRO uses, Integrated Circuits, Digital Circuits, Data processing circuit,
727	Quantum Mechanics & Applications	BSPH3501	2017	Employability - Schrodinger equation and its solution, its application, hydrogen-like
728	Solid State Physics	BSPH3502	2017	Employability - Magnetic properties of materials, dielectric properties of materials,
729	Electro-magnetic Theory	BSPH3601	2017	Skill - Electromagnetic lab.
730	Statistical Mechanics	BSPH3602	2017	Skill - Learn to solve statistical physics problems through computational methods
731	Experimental Techniques	BSPH3503	2017	Employability - Experiments are done on, Thermostat, ultrasonic transducer, Calibrate
732	Embedded systems- Introduction to	BSPH3504	2017	Employability - Embedded system, microprocessors, 8051 microcontroller, 8051
733	Physics of Devices and Communication	BSPH3505	2017	Employability - Physics of Devices, Power supply and Filters, Phase detector ,
734	Advanced Mathematical Physics-	BSPH3506	2017	Skill - Advanced Mathematical Physics lab
735	Advanced Mathematical Physics-	BSPH3507	2017	Employability - Enterprenuership -
736	Classical Dynamics	BSPH3508	2017	Employability - Small amplitude oscillations, special theory of relativity, tensors, fluid
737	Applied Dynamics	BSPH3603	2017	Employability - Dynamical systems, Chaos and Fractals, Fluid Dynamic

738	Communication System	BSPH3604	2017	Employability - Communication and Navigation systems, Satellite
739	Nuclear and Particle Physics	BSPH3605	2017	Employability - Nuclear Models, Radioactivity decay, Nuclear Reactions,
740	Astronomy and Astrophysics	BSPH3606	2017	Employability - Astronomy and Astrophysics Skill - Astronomical Scales, Astronomical
741	Dissertation	BSPH3607	2017	Employability - Project work Skill - Project work
742	Physics Workshop Skills	BSPH2001	2017	Skill - Experiments are done to learn different measurement methods, different
743	Computational Physics Skills	BSPH2002	2017	Skill - Programming using FORTRAN
744	Electrical circuits and Network Skills	BSPH2003	2017	Skill - Experiments done to understand and analyse circuits and networks, to design
745	Basic Instrumentation Skills	BSPH2004	2017	Skill - Designing and implementing systems utilizing analog / digital control devices and
746	Applied Optics	BSPH2005	2017	Skill - Learning about different light sources, detectors, holography and photonics.
747	Inorganic chemistry-I	BSCH1101	2019	Skill- Wave mechanics and Inorganic Chemistry-I Lab , enterperneurship-Atomic
748	Physical Chemistry-I	BSCH1102	2019	Employability-Gaseous state 1 &2 ,enterperneurship-Liquid state:,gaseous
749	Organic Chemistry-I	BSCH1201	2019	Employability-Basics of Organic Chemistry,Stereochemistry,Chemistry of
750	Physical Chemistry-II	BSCH1202	2019	Employability-Chemical Thermodynamics,Second Law of
751	Inorganic chemistry-II	BSCH2301	2019	Skill-General Principles of Metallurgy-1,- Inorganic Chemistry Practice. Employability-
752	Organic Chemistry-II	BSCH2302	2019	Employability-Chemistry of Halogenated Hydrocarbons-1&2, Organometallic
753	Physical Chemistry-III	BSCH2303	2019	Employability-Phase Equilibria-1 &2, Chemical Kinetics-2,Catalysis,Surface chemistry. Skill-
754	Inorganic Chemistry-III	BSCH2401	2019	Employability-Coordination Chemistry-1&2,Transition Elements,Lanthanoids and
755	Organic Chemistry-III	BSCH2402	2019	Employability-Nitrogen Containing Functional Groups,Heterocyclic Compounds-1&2
756	Physical Chemistry-IV	BSCH2403	2019	Employability-Electrical & Magnetic Properties of Atoms and Moleculesand
757	Organic Chemistry-IV	BSCH3501	2019	Employability-Nucleic Acids,Amino Acids,Peptides,Enzymes,for transfer of
758	Physical Chemistry-V	BSCH3502	2019	Employability-Molecular Spectroscopy,Raman spectroscopy,Nuclear Magnetic Resonance
759	Inorganic Chemistry-IV	BSCH3601	2019	Employability-General methods of preparation of mono and binuclear
760	Organic Chemistry-V	BSCH3602	2019	Employability-Organic Spectroscopy,Carbohydrates,Dyes,Metalloce

761	Industrial Chemicals and Environment	BSCH3503	2019	Employability-Industrial Gases and Inorganic Chemicals,Inorganic Chemicals,Energy &
762	Inorganic Materials of Industrial Importance	BSCH3504	2019	Employability-Glass,Ceramics,Fertilizers,Surface
763	Research Methodology for	BSCH3603	2019	Skill-Methods of Scientific Research and Writing Scientific Papers-II,Chemical Safety
764	Instrumental Methods of Chemical Analysis	BSCH3604	2019	Skill-Introduction to spectroscopic methods of analysis,Molecular
765	Basic Pharmaceutical Chemistry	BSCH2001	2019	Skill-Drugs & Pharmaceuticals,practice
766	Analytical Clinical Biochemistry	BSCH2002	2019	Skill-Basic understanding of Carbohydrates,Blood and Urine , practice
767	Green Methods in Chemistry	BSCH2003	2019	Skill-Green Chemistry lab
768	Basic Analytical Chemistry	BSCH2004	2019	Skill-Analysis of soil,Analysis of food products,
769	Calculus	BSMA1101	2016	Skill- Lab work to be performed on a Computer
770	Linear Algebra	BSMA1102	2016	Skill –To gain the knowledge on MATLAB and uses in algebra.
771	Ordinary Differential Equations	BSMA1202	2016	Skill –To understand solving Free Undamped Motion of a Spring System using Python and
772	Numerical Analysis	BSMA2401	2017	Skill – Numerical Solution of different linear and non-linear equations using software.
773	Complex Analysis	BSMA3501	2017	Skill –Learn the Plotting of complex functions using Matlab
774	Discrete Mathematical	BSMA3602	2017	Skill –To work with different types of Sets, Lattices and Boolean Algebra using Python
775	Linear Programming	BSMA3601	2017	Skill - To demonstration of the utilization of Linear Programming Problems in industry
776	Analysis-I	BSMA1201	2017	Skill- In much of analysis, the emphasis is not on finding explicit solutions to specific
777	Analysis-II	BSMA2301	2017	Skill - To describe various theorems about Riemann sums and Riemann integrals and
778	Modern Algebra	BSMA2302	2017	Skill - To introduce students to the language and precision of modern algebra
779	Partial Differential Equations and System	BSMA2303	2017	Skill - Introduce students to how to solve linear Partial Differential Equations with
780	Advanced Analysis	BSMA2402	2017	Skill - Construct rigorous mathematical proofs of basic results in real analysis;
781	Programming in C	BSMA2403	2017	Skill - To understand advanced concepts of C such as Arrays, Strings, functions pointers
782	Probability and Statistics	BSMA3502	2017	Skill- To apply probability and statistics in engineering and science like disease
783	Tools and Techniques in Bioscience	BSLS2005	2017	Skill-Hand on practice on different tool like PAGE, XRF, chromatography, spectroscopy

784	Vermi composting	BSLS2006	2017	Skill-Preparation of Nursery bed of earthworm, preparation of Slurry and
785	Food processing	BSLS2007	2017	Skill- Analysis of nutritional value, isolation and purification of essential oil and pigments.
786	Mushroom cultivation	BSLS2008	2017	Skill- Nutritional and medicinal value of edible mushrooms, preparation of
787	Plant tissue culture	BSLS2009	2017	Skill- Isolation of Explants Establishment and Maintenance of Callus
788	Nursery and gardening	BSLS2010	2017	Skill- Vegetative propagation: air-layering, cutting and selection of cutting, Gardening:
789	Medicinal Botany	DEHB0401	2017	Skill- Perform practicals on medicinal plants identification, isolation of phytochemicals.
790	Traditional Botany and Phytochemistry	DEHB0402	2017	Skill- Students can easily identify and classify plants, prepared and deposited herbarium,
791	Advance Pharmacognosy	DEHB0403	2017	Skill- Practice of phytopharmaceuticals, plant based drug discovery and secondary metabolite
792	Standardization and Quality Control of ASU	DEHB0404	2017	Skill- Vary the quality and nutritional values of plant based nutrients and herbal
793	Fundamentals of Industrial	DEFM0401	2017	Skill- Isolation and pure culture of bacterial, use of microbes in industry. Study enzyme
794	Basic Microbial Techniques	DEFM0402	2017	Skill- Handling of microscope, identification of bacteria and culture
795	Food Microbiology	DEFM0403	2017	Skill-Alkaline phosphatase test to check the efficiency of pasteurization of milk. Isolation
796	Quality Assurance in Food Preservation	DEFM0404	2017	Skill- drying, refrigeration, and fermentation. Modern methods include canning,
797	Fundamentals of Agronomy	ASAG1101	2018	Understanding the tools of agronomy and their application in crop production: skill
798	Fundamentals of Genetics	ASPG1101	2018	Application of genetic principles in plant breeding: employability & skill dev.
799	Fundamentals of Soil Science	ASAC1101	2018	Understanding the theory of soil science and its characteristics :employability.
800	Fundamentals of Horticulture	ASHO1101	2018	Understanding the fundamentals of various aspects of horticulture crops :employability
801	Fundamentals of Plant Pathology	ASPP1101	2018	Understanding the fundamentals of plant disease causing organisms and their
802	Rural Sociology & Educational	ASEE1102	2018	Learning the basic concepts of rural sociology and psychology for its application
803	Soil and Water Conservation	ASAE1101	2018	Understanding about the principles of soil water conservation:employability
804	Irrigation water management	ASAG1206	2018	Understanding the practices of water management and its application in irrigation
805	Fundamentals of Entomology –I (Insect	ASEN1201	2018	Understanding the basic principles of morphology of different plant disease
806	Fundamentals of Agricultural Extension	ASEE1201	2018	Learning about the latest extension methods i.e. audio-visual aids, field demonstration:

807	Fundamentals of Plant Breeding	ASPG2103	2018	Understand the basic methods of plant breeding i.e. emasculation and crossing : Skill
808	Fundamentals of Entomology- II (Insect	ASEN2102	2018	Understanding the basic principles of morphology of different plant disease
809	Weed management	ASAG2105	2018	Identification of Weeds and its management in different crops : employability
810	Production technology of fruits	ASHO2102	2018	Understanding the different methods i.e. grafting, budding and layering for production
811	Agricultural Informatics	ASAI2101	2018	To disseminate, capture, access information to achieve sustainable use of agricultural
812	Communication skills and personality	ASEE2104	2018	Develop knowledge of english communication through presentation,
813	Crop Production Technology –II (Oil	ASAG2204	2018	Developing skills i.e. field management, cultural practices, disease and pest
814	Production Technology for	ASHO2204	2018	To gain expertise in production of ornamental crops and landscaping :
815	Renewable Energy and Green Technology	ASAE2203	2018	Understanding the principles of renewable energy for agriculture practice: employability
816	Manures, Fertilizers and Soil Fertility	ASAC2202	2018	Understanding the manures and fertilizer and its application: skill and employability.
817	Rain-fed Agriculture & Watershed	ASAG2211	2018	Understanding the methods of rainwater harvesting and groundwater rechargement
818	Principles of seed technology	ASPG2202	2018	Gaining knowledge in seed storage, certification and marketing ways:
819	Diseases of Field and Horticultural Crops	ASPP2202	2018	Identification and management of diseases of field crops :employability
820	Entrepreneurship Development and	ASEE3103	2018	Development of enterpreneurial mindset and entrepreneurial skills for building a start-
821	Problematic Soils and their Management	ASAC3103	2018	Understanding fertility and pH levels of soil to manage problematic soils :skill dev and
822	Pests of field Crops and Stored Grain and	ASEN3103	2018	Identification and management of store pest and management of field crops
823	Diseases of Field and Horticultural Crops	ASPP3103	2018	Identification and management of diseases of horticultural crops :employability
824	Crop Improvement-I (Cereals, millets, pulses	ASPG3104	2018	Developing skills i.e. field management, cultural practices, disease and pest
825	Principles of food science and nutrition	ASFS3101	2018	Identification of microbes in food processing and packaging: employability
826	Geoinformatics and Nano-technology for	ASAG3110	2018	To gain knowledge in nano materials and geoinformatics applicaions i.e. moonsoon
827	Practical Crop Production – I (Kharif	ASAG3108	2018	To gain expertise in production of commercial kharif crops: employability
828	Farming System & Organic farming for	ASAG3207	2018	To gain expertise in organic farming practice: employability, skill development and
829	Practical crop production II (Rabi	ASAG3209	2018	To gain expertise in commercial rabi crop production: employability

830	Post-harvest Management and	ASHO3205	2018	Understanding different practices with relation to Value addition of fruits and
831	Pests of horticultural crops and their	ASEN3204	2018	Identification and management of crop & stored grain pests :employability & skill dev
832	Crop Improvement-II (fibre, sugar, starches,	ASPG3205	2018	Developing skills i.e. field management, cultural practices, disease and pest
833	Principles of Integrated Pest and	ASPP3204	2018	Identification of insects pests of different crops and its integrated pest management-
834	Protected cultivation and post harvest	ASAE3204	2018	Understanding different practices with relation to Value addition of fruits and
835	Intellectual Property Rights	ASIP3201	2018	Understanding the process to file patent and register for copyrights:skill and employability.
836	Food safety and Standards	ASFE2201	2018	Understanding the different food safety principles i.e. pasturization, canning etc: Skill
837	Principles and practices of weed	MAAG 1102*	2017	Skill development: Identification of different weeds and their control which in turn would
838	Principles and practices of water	MAAG 1103*	2017	Skill development: The students can learn about judicious water management using
839	Agronomy of major cereals and pulses	MAAG 1204*	2017	Skill development: Students gain an insight into the different package and practices for
840	Agronomy of oilseed, fibre and sugar crops	MAAG 1205*	2017	Skill development: Students gain an insight into the different package and practices for
841	Cropping systems and sustainable	MAAG 1206*	2017	Skill development: The students acquire knowledge about different cropping systems
842	Dry land farming and watershed	MAAG2107*	2017	Skill development: On the basis of climatic situations, students will learn raising of
843	Master's seminar	MAAG1291*	2017	To exploit newly evolved research techniques for enhancing the traits in
844	Soil fertility and fertilizer use	MASA1101	2017	Skill development: Students gain knowledge on the application of fertilizers and soil
845	Management of problem soils and	MASA1202	2017	Skill development: students study different methods for the reclamation of problematic
846	Statistical methods for applied sciences	MAST 2102	2017	Skill: To exploit various statistical tools as well as techniques to compile raw data for
847	Experimental designs	MAST 1201	2017	The students can analyze the data of field experiments and interpret the same in the
848	Library and information services	MALI1101	2017	Skill development: To gain knowledge on the utilization of library resources for the research
849	Technical writing and communication	MACS1101	2017	Skill development: learn the style and skill of writing technical papers
850	Intellectual property and its management	MAIP 1201	2017	Employability and Skill development: students get an overall idea of IPR and their
851	Basic concepts in laboratory techniques	MALT1201	2017	Skill: students do learn the usage of different laboratory equipments along with the
852	Agricultural research, research ethics and	MAAR2101	2017	Employability and Skill development: Acquire knowledge for research ethics and

853	Production technology of cool	MAVS 1101*	2017	Skill: The students can train others as well as the knowledge can be implemented for
854	Production technology of warm	MAVS 1102*	2017	
855	Breeding of vegetable crops	MAVS 1103*	2017	Research: can carry out research to generate new varieties further leading to
856	Production technology of under	MAVS 1205*	2017	Entrepreneurship and research to conserve the fading races thereby promoting the
857	Seed production technology of	MAVS 2106*	2017	Entrepreneurship, skill and research: Development of quality seeds and planting
858	Fundamentals of processing of	MAVS 2108*	2017	Entrepreneurship and skill: To utilize the knowledge in various processing units
859	Post harvest technology for fruit	MAFS1205	2017	Entrepreneurship and skill
860	Principles of plant breeding	MAGP1103	2017	Research: can carry out research to generate new varieties which further lead to
861	Principles and practices of water	MAAG1103	2017	Skill and research: To learn the judicious utilization of water during various
862	Principles of genetics	MAGP 1101*	2017	Practical skills and concepts leading to research to generate high yielding varieties.
863	Principles of cytogenetic	MAGP 1102*	2017	Practical skills and concepts leading to entrepreneurship and research to generate
864	Principles of plant breeding	MAGP 1103*	2017	Technical skills leading to research
865	Principles of quantitative genetics	MAGP 1204*	2017	Technical Skills leading to research in quantitative genetics
866	Heterosis breeding	MAGP2107	2017	expertise leading to research in breeding .
867	Biotechnology for crop improvement	MAGP 1206*	2017	Research and skill: To raise new crop varieties using the tools of molecular biology
868	Principles of biotechnology	MAMB1101	2017	Learn the tools and techniques of biotechnology and its applications
869	Techniques in molecular biology I	MAMB1205	2017	Skill: Students learn the techniques of molecular biology and further carry out
870	Genomics and proteomics	MAMB 2110	2017	Research and entrepreneurship: The tools and techniques of both the sciences help the
871	Development perspectives of	MAEX1101*	2017	Employability: Some concepts in this course and the rural development programs can
872	Development communication and	MAEX1102*	2017	Skill and research: students can learn the skills and involve in research activities
873	Diffusion and adoption of	MAEX1103*	2017	Research: Students can carry out research on adoption and diffusion of innovations
874	Gender sensitization for development	MAEX1105*	2017	Research and employability: provide them an opportunity to work in sectors relating to
875	Research methods in behavioral sciences	MAEX 1206*	2017	Students get an opportunity to learn the basic concepts of research

876	e-Extension	MAEX 1207*	2017	Skill: Students can learn the usage of various tools related to ICT activities and further
877	Market led extension management	MAEX 1208*	2017	Entrepreneurship: students can learn the marketing and entrepreneurial skills
878	Human Resource Development	MAEX 2109*	2017	Skill: Students can learn the skills of studying human behaviour leading the management
879	Agricultural Marketing & Price Analysis	MAAE 1201	2017	Entrepreneurship: students can learn the marketing skills and serve as entrepreneurs
880	Agricultural Finance and Project	MAAE 2102	2017	Entrepreneurship and research: Students can learn the basic concepts of agricultural
881	Statistical methods for social sciences	MAST 1203	2017	Skill: Students can learn the usage of different statistical tools that in turn would
882	Non-Parametrics	MAST 2104	2017	Skill: Students can learn the usage of different non parametrics such as descriptive
883	Participatory methods for technology	MAEX1104	2017	Skill and employability: students can learn the basic concepts of participatory
884	Entrepreneurship Development and	MAEX2110	2017	Entrepreneurship: Students do learn the entrepreneurial skills which ultimately
885	Taxonomy of Shellfish	FSRM1102	2019	Gain knowledge about the morphometric and meristic character of shellfish for
886	Fish Food Organisms	FSAQ2109	2019	Learn and practice the nutritional requirements of fish/shellfish larvae and
887	Aquatic Ecology, Biodiversity and	FSEM2106	2019	Study the coastal resources, integrated coastal zone management strategies to
888	Freezing Technology	FSPT2103	2019	Understanding the different types of low temperature preservation, handling, storage
889	Genetics and Breeding	FSAQ2111	2019	Gain knowledge on genetic basis of inheritance and breeding plans for
890	Fish Immunology	FSHM2106	2019	Study the types of immunity, antigen-antibody interactions and learn the
891	Fisheries Economics	FSEE2102	2019	Learning the interface between economics and effective management decisions for
892	Coastal Aquaculture and Mariculture	FSAQ2204	2019	To gain knowledge in establishing and managing different fish/shellfish farming
893	Fish Nutrition and Feed Technology	FSAQ2208	2019	Practical knowledge of feed formulation and different feed processing techniques and
894	Fish Packaging Technology	FSPT2205	2019	Learn the different types of packaging, importance of packaging in fish processing,
895	Fish and Shellfish Pathology	FSHM2201	2019	Study fish and shellfish pathogens, their control measures and treatments.
896	Fishing Craft Technology	FSFE2203	2019	Study the operation of various types of traditional and mechanised fishing craft,
897	Fisheries Extension Education	FSEE2207	2019	Acquire skills required to practice various fisheries extension approaches, the transfer
898	Shellfish Hatchery Management	FSAQ2206	2019	Practical skills of seed production and hatchery management of commercially

899	Communication Skills and Personality	FSEE2208	2019	Students will improve interpersonal skills, active listening and responding skills,
900	Introduction to Forensics, Psychology,	MSFS1101	2017	Skill : Student will gain knowledge of Laws, Assessment of Deception and Statistical
901	Instrumental Techniques	MSFS1102	2017	Skill : Student learn working principle and instrumentation of instruments such as UV,
902	Crime Scene Management and	MSFS1103	2017	Skill & Employability : Skill to reconstruct crime scene. Student process the simulated
903	Finger prints and Questioned	MSFS1104	2017	Skill, Employability & Entrepreneurship, : Student learn about latent fingerprints and
904	Instrumental Techniques	MSFS1105	2017	Skill & Employability: Student perform experiments on UV absorption of
905	Crime Scene Management and	MSFS1106	2017	Skill & Employability : Student perform density gradient analysis of soil samples,
906	Finger prints and Questioned	MSFS1107	2017	Skill & Employability: Student examines and identify sinature and handwriting forgeries,
907	Quality Management, Narcotic Drugs,	MSFS1201	2017	Skill : Student learn about nature, types, collection & packaging of evidences like
908	Forensic Biology and Forensic Medicine	MSFS1202	2017	Skill : Student gains knowledge about basics of Human Anatomy, Physiology & Forensic
909	Forensic Serology and DNA Profiling	MSFS1203	2017	Skill & Employability : Students learn about different ways to detect the presence of
910	Forensic Toxicology and Pharmacology	MSFS1204	2017	Skill & Employability, : Student learn about techniques used to isolate and Extract
911	Forensic Ballistics and Computer Forensics	MSFS1205	2017	Skill & Employability : Student gains knowledge about various aspects of
912	Quality Management, Narcotic Drugs,	MSFS1206	2017	Skill : Student learn and perform examination of NDPS drugs and controlled
913	Forensic Biology and Forensic Medicine	MSFS1207	2017	Skill : Student gains knowledge about basics of Human Anatomy, Physiology & Forensic
914	Forensic Serology and DNA Profiling	MSFS1208	2017	Skill & Employability : Students perform experiments to detect the presence of
915	Forensic Toxicology and Pharmacology	MSFS1209	2017	Skill & Employability, : Student isolate and Extract poisons\ Drugs from samples and
916	Forensic Ballistics and Computer Forensics	MSFS1210	2017	Skill & Employability : Student also perform instrumental analysis of GSR & examines
917	Pharmacology and Pharmaceutical Drug	MSFS2101	2017	Employability : Students learn about basic principles of pharmacology,
918	Concepts of Toxicology	MSFS2102	2017	Skill & Employability, : Students gains basic knowledge about disposition and
919	Modern and Applied Analytical Forensic	MSFS2103	2017	Skill & Employability : Student learns about basic concepts of forensic nuclear chemistry,
920	Pharmacology and Pharmaceutical Drug	MSFS2104	2017	Skill & Employability : Students do qualitative and quantative analysis of
921	Concepts of Toxicology Laboratory	MSFS2105	2017	Skill & Employability, : Students do analysis of various poison such as metallic poison,

922	Modern and Applied Analytical Forensic	MSFS2106	2017	Skill & Employability : Student performs analysis of Various Cases in Forensic
923	Assignment	MSFS2107	2017	Skill : Student study various cases where forensic science played significant role in
924	Seminar	MSFS2108	2017	Skill : Student takes up cases and topics relevant to their specialization subjects and
925	Molecular Biology and Genetics	MSFS2111	2017	Skill & Employability : Student gains knowldege about immunology, metabolism
926	Biotechnology in Pharmaceutical	MSFS2112	2017	Skill & Employability, : Student studies about recombinant DNA Technology, Quality
927	Environmental Biotechnology	MSFS2113	2017	Skill & Employability, : Student learns about pollutants in samples & estimation of BOD.
928	Molecular Biology and Genetics Laboratory	MSFS2114	2017	Skill & Employability : Student performs extraction of protein from various biological
929	Biotechnology in Pharmaceutical	MSFS2115	2017	Skill & Employability, : Student performs isolation of bacteria by different methods,
930	Environmental Biotechnology	MSFS2116	2017	Skill & Employability, : Student performs practicals to detect pollutants in samples &
931	Advances in Physical Techniques	MSFS2121	2017	Employability : Student gains knowledge about thermal analysis and different
932	Concepts of Conventional and	MSFS2122	2017	Employability : student gains knowldege about operational features of firearms,
933	Audio Recognition and Video Analysis	MSFS2123	2017	Employability : Student gains knowledge about basic concepts of voice recognition,
934	Advances in Physical Techniques	MSFS2124	2017	Skill & Employability : Students perform examination of evidences by EDXRF,
935	Concepts of Conventional and	MSFS2125	2017	Skill & Employability : Students perform examination of barrel wash, analysis of GSR
936	Audio Recognition and Video Analysis	MSFS2126	2017	Skill & employability : Students record, edit & process audi files using goldwave
937	Modern Trends in Fingerprint Sciences	MSFS2131	2017	Employability : Studentgains knowledge about composition of latent print residue,
938	Questioned Document and	MSFS2132	2017	Skill, Employability, Entrepreneurship, : Student gains knowledge about instrumental
939	Forensic Photography and Biometric Traits	MSFS2133	2017	Skill & Employability : Student will gain knowledge about Basics of crime scene
940	Modern Trends in Fingerprint Sciences	MSFS2134	2017	Skill, Employability & Entrepreneurship : Student performs Development of latent
941	Questioned Document and	MSFS2135	2017	Skill, Employability, Entrepreneurship, :Student performs examination of ink,
942	Forensic Photography and Biometric Traits	MSFS2136	2017	Skill & Employability : Students take photographs of simulated crime scene and
943	Principles of Information Security	MSCS1101	2019	Employability-Focus on the CIA models, tools, and techniques for enforcement of
944	Digital Forensics	MSCS1102	2019	Employability -Focus on analysis and assessment of risk assesment process &

945	Computer Networks	MSCS1103	2019	Skill Development , Employability-Learning about computer network & network security
946	Cyber Crime & Investigations	MSCS1104	2019	Skill Development,Employability-Learning about Analytical Skills,Comprehension of
947	Intellectual Property Rights	MSCS1105	2019	Employability-Making the students aware of their rights for the protection of their
948	Number theory & Cryptography	MSCS1201	2019	Skill Development,Employability-implement and analyse algorithms for integer
949	Advanced Information Security	MSCS1202	2019	Skill Development, Employability-Focus on the CIA models, tools, and techniques for
950	Cyber Forensics	MSCS1203	2019	Skill Development, Employability-Focus on analysis and assessment of risk assesment
951	System and Network Security	MSCS1204	2019	Skill Development, Employability-Gaining practical experience in installation,
952	Cyber Law	MSCS1205	2019	Entrepreneursip-Cyber law is associated with all the areas of business & law which have a
953	Basics of forensic sciences	BSFS0401	2019	Skill : Student gains knowledge about fundamentals of forensic science,
954	Crime and society	BSFS0402	2019	Skill : Student studies basic cocepts of criminology, criminal profiling, types of
955	Criminal law	BSFS0403	2019	Skill : Student studies criminal procedure code, IPC, IEA, constitutions of india, acts
956	Forensic Psychology	BSFS0404	2019	Skill : Student gains knowledge about fundamental concepts of forensic
957	General Microbiology	MSCM1101	2016	Functions of cell organelles in microorganisms; Growth of microorganisms:
958	Human Anatomy & Physiology	MSCM1102	2016	Gross anatomy of human body and detailed physiology: Employbility
959	Biomolecules	MSCM1103	2016	Metabolism of Carbohydrates, Lipids, Proteins, Nucleic acid: Employbility
960	Analytical Techniques	MSCM1104	2016	Understanding the working principle of Common instruments used in a diagnostic
961	Basic Microbiology Lab	MSCM1105	2016	Techniques for staining microorganisms, isolating and culturing microorganisms: Skill
962	Systemic Bacteriology	MSCM1201	2016	Understanding the Morphological identification, pathogenesis, laboratory
963	Molecular Biology & Clinical Biochemistry	MSCM1202	2016	Understanding the central dogma of life, Metabolic disorders and diagnostic
964	Medical Parasitology & Mycology	MSCM1203	2016	Clinical features of important parasites, protozoans, fungi: Skill dev. & Employbility
965	Applied Microbiology	MSCM1204	2016	Microscopic analysis of specimen collected: Skill dev. & Enterpreunership
966	Parasitology & Mycology Lab	MSCM1207	2017	Pathological investigations of urine, stool and other biological specimen; Culture for
967	Immunology & Virology	MSCM2301	2017	Clinically relevant serological analysis; Clinically significant virus: Skill dev. &

968	Diagnostic Bacteriology	MSCM2302	2017	Diagnosis of bacteria from infective regions of the body: Skill dev and Employability
969	Biochemistry	MSCM2303	2017	Concepts of Carbohydrates, proteins, lipids and their metabolism: Skill dev and
970	Histology	MSCM2304	2017	Concept of about Histotechnology; fixation in histopathology lab: Skill dev and
971	Research Methodology	MSCM2307	2017	Concept of Research design, data collection, sampling, report writing: Skill Dev
972	Immunology Lab	MSCM2308	2017	Performing immunological/ serological tests and their interpretation: Skill dev and
973	Histopathology Lab	MSCM2309	2017	Performing histopathological analysis and their interpretation: Skill dev and
974	Biochemistry Lab	MSCM2310	2017	Assay on blood serum for biochemical test: Skill dev and Employability
975	Mini Project	MSCM2311	2017	Conducting experimental/ research work by engaging in a project: Skill dev and
976	Project	MSCM2403	2017	Working on a disease/ disorder specific assignment to fill the research gap in the
977	Internship	MSCM2404	2017	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
978	Medical Laboratory Technology	MSMT1101	2016	Clinical specimen collection, storage, disposal; record maintenance; Quality
979	Anatomy & Physiology	MSMT1102	2016	Concept and Scopes of anatomy & physiology: Employability
980	Hematology	MSMT1103	2016	Understanding of hematology laboratory; Hematological disorders: Enterpreunership
981	Medical Instrumentation and	MSMT1104	2016	Understanding the working principle of Common instruments used in a diagnostic
982	Hematology Lab	MSMT1105	2016	Performing various hematological tests: Skill and Employability and Enterpreunership
983	Medical Microbiology	MSMT1201	2016	Growth of microorganisms; Properties of viruses and fungi: Employability
984	Molecular Biology & Clinical Biochemistry	MSMT1202	2016	Understanding the central dogma of life, Metabolic disorders and diagnostic
985	Clinical pathology	MSMT1203	2016	Performing pathological investigations on human specimen: Skill dev. &
986	Blood Banking	MSMT1205	2016	Blood collection and transfusion techniques and possible errors associated with it: Skill
987	Clinical pathology Lab	MSMT1206	2016	Collection of blood, stool, body fluids and study their chemical and morphological
988	Microbiology Lab	MSMT1207	2017	culturing and identification of pathogenic microorganims: Skill dev. & Employability &
989	Immunology & Parasitology	MSMT2306	2017	Clinically relevant serological analysis; Clinically significant virus: Skill dev. &
990	Clinical Hematology	MSMT2302	2017	Quality assurance required in hematology; Examination of bone marrow: Skill dev and

991	Biochemistry	MSMT2303	2017	Concepts of Carbohydrates, proteins, lipids and their metabolism: Skill dev and
992	Histology	MSMT2304	2017	Concept of about Histotechnology; fixation in histopathology lab: Skill dev and
993	Research Methodology	MSMT2307	2017	Concept of Research design, data collection, sampling, report writing: Skill Dev
994	Immunology Lab	MSMT2308	2017	Performing immunological/ serological tests and their interpretation: Skill dev and
995	Histopathology Lab	MSMT2310	2017	Performing histopathological analysis and their interpretation: Skill dev and
996	Mini Project	MSMT2311	2017	Conducting experimental/ research work by engaging in a project: Skill dev and
997	Introductory Biology	BSCM1101	2017	Understanding the functions of cell organelles: Employability
998	Human Anatomy & Physiology	BSCM1102	2017	Gross anatomy of human body and detailed physiology: Employability
999	Basic Hematology	BSCM1103	2017	Carry out hematological investigations: Skill dev. & Employability & Enterpreunership
1000	Basic Medical Instrumentation &	BSCM1104	2017	Understanding the working principle of Common instruments used in a diagnostic
1001	Anatomy, Physiology & Haematology Lab	BSCM1105	2017	Understanding the physiological aspects of growth and development of Human organs/
1002	General Microbiology	BSCM1201	2017	Understanding the details of microbial cell organelles: Skill dev and Employability
1003	Clinical Biochemistry	BSCM1202	2017	Understanding the concept of metabolism of carbohydrates, amino acids, lipids:
1004	Clinical pathology & Diagnosis	BSCM1203	2017	Pathological investigations of urine, stool and other biological specimen: Skill dev. &
1005	Clinical pathology Lab	BSCM1205	2017	Performing pathological investigations on human specimen: Skill dev. &
1006	Microbiology Lab	BSCM1206	2017	Microscopic analysis of specimen collected: Skill dev. & Enterpreunership
1007	Immunology	BSCM2301	2017	Understanding the concept of Innate & adaptive immune system; performing
1008	Systemic Bacteriology	BSCM2302	2017	Understanding of morphology, pathogenesis, lab diagnosis on gram positive & negative
1009	Molecular Biology	BSCM2303	2017	Basic techniques applicable in Molecular Biology: Skill dev and Employability
1010	Systemic Virology & Mycology	BSCM2304	2017	Understanding the epidemiology, pathogenesis of viruses and fungi: Skill dev
1011	Virology & Mycology Lab	BSCM2307	2017	Demonstration of serological technique in diagnostic virology; Isolation & identification
1012	Public Health Microbiology	BSCM2407	2017	Understanding of role of microbiologist in public health: Employability
1013	Pharmaceutical Microbiology	BSCM2402	2017	Understanding of types & synthesis of antimicrobial agents: Employability and

1014	Industrial Microbiology	BSCM2408	2017	Understanding the significance of microbes in fermentation process & industrial
1015	Analytical Biochemistry	BSCM2404	2017	Learning the principle of spectrophotometry, colometry, photometry and Clinical
1016	Basic Computer & Information Science	BSCM2409	2017	Concept for Input & output device, Processor & memory, Word, excel, power
1017	Industrial Microbiology Lab	BSCM2410	2017	Industrial visit to a fermentation factory: Skill and Employability
1018	Public Health Microbiology Lab	BSCM2411	2017	Isolation & identification of microorganisms from samples: Skill dev and Employability
1019	Epidemiology	BSCM3508	2017	Understanding the scopes of epidemiology: Employability
1020	Diagnostic Bacteriology	BSCM3509	2017	Study of Lab diagnosis for Enteric infection, RTI, Oral & stomach infection: Skill &
1021	Diagnostic Virology	BSCM3503	2017	Study of lab diagnosis of viral infection: Skill dev and Employability
1022	Diagnostic Mycology	BSCM3504	2017	Study of lab diagnosis of medically important fungi: Skill dev and Employability
1023	Diagnostic Parasitology	BSCM3505	2017	Study of lab diagnosis of Intestinal, vaginal, Tissue and blood parasite: Skill dev and
1024	Medical Law and Ethics	BSOP3504	2017	Understanding the significance of co-existence and professional ethics: Skill dev
1025	Research Methodology	BSCM3510	2017	Study of Scientific writing, Selection of problem, criteria for selecting a research
1026	Diagnosis Bacteriology Lab	BSCM3511	2017	Performing the laboratory diagnosis for specimens collected from human tissues:
1027	Mini Project	BSCM3512	2017	Conducting experimental/ research work by engaging in a project: Skill dev and
1028	Project	BSCM3603	2017	Working on a disease/ disorder specific assignment to fill the research gap in the
1029	Internship	BSCM3604	2017	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
1030	Introductory Biology	BSMT1101	2016	Understanding the functions of cell organelles: Employability
1031	Basic Anatomy & Physiology	BSMT1102	2016	Gross anatomy of human body and detailed physiology: Employability
1032	Basic Hematology	BSMT1103	2016	Carry out hematological investigations: Skill dev. & Employability & Enterpreunership
1033	Basic Medical Instrumentation &	BSMT1104	2016	Understanding the working principle of Common instruments used in a diagnostic
1034	Anatomy and Physiology lab	BSMT1105	2016	Understanding the physiological aspects of growth and development of Human organs/
1035	Microbiology	BSMT1201	2016	Understanding the details of microbial cell organelles: Skill dev and Employability
1036	Basic Biochemistry	BSMT1202	2016	Understanding the concept of metabolism of carbohydrates, amino acids, lipids:

1037	Clinical pathology	BSMT1203	2016	Pathological investigations of urine, stool and other biological specimen: Skill dev. &
1038	Clinical pathology Lab	BSMT1205	2016	Performing pathological investigations on human specimen: Skill dev. &
1039	Microbiology Lab	BSMT1206	2017	Microscopic analysis of specimen collected: Skill dev. & Enterpreunership
1040	Immunology	BSMT2301	2017	Understanding the concept of Innate & adaptive immune system; performing
1041	Applied Hematology	BSMT2302	2017	Concept of Haemopoietic disorders, laboratory diagnosis of leukemia, hemolytic
1042	Basic Histology	BSMT2304	2017	Concept of Histotechnology, histopathology: Skill dev. & Employability & Enterpreunership
1043	Molecular Biology	BSMT2306	2017	Basic techniques applicable in Molecular Biology: Skill dev and Employability
1044	Immunology Lab	BSMT2307	2017	Performing Serological reactions: Skill and Employability
1045	Histology Lab	BSMT2308	2017	Performing experiment on Histotechnology: Skill dev and Employability
1046	Parasitology	BSMT2401	2017	Understanding the life cycle and lab diagnosis of various clinically significant
1047	Advanced Hematology	BSMT2403	2017	Understanding the lab diagnosis for Leukamoid reactions, DIC: Skill dev and
1048	Analytical Biochemistry	BSMT2407	2017	Learning the principle of spectrophotometry, colometry, photometry and Clinical
1049	Immunopathology	BSMT2408	2017	Understanding the Immunological aspects of clinically significant diseases: Skill dev and
1050	Basic Computer & Information Science	BSMT2409	2017	Concept for Input & output device, Processor & memory, Word, excel, power
1051	Biochemistry Lab	BSMT2410	2017	Analysis of urine and serum sample for biochemical parameters: Skill dev and
1052	Parasitology Lab	BSMT2411	2017	Identification of parasites collected from human specimens: Skill dev and Employability
1053	Transfusion Medicine	BSMT3501	2017	Blood product analysis and transfusion procedure: Skill dev and Employability
1054	Medical Laboratory Management	BSMT3502	2017	Patient management and quality management: Employability &
1055	Introduction to Quality and patient	BSMT3508	2017	Studying of culture of safety, Quality improvement innovations: Skill dev and
1056	Research Methodology	BSMT3509	2017	Study of Scientific writing, Selection of problem, criteria for selecting a research
1057	Mycology and Virology	BSMT3506	2017	Study of culture of medically important fungi and virus: Employability
1058	Mycology and Virology Lab	BSMT3510	2017	Performing experiments using culture media and staining techniques for identification of
1059	Mini Project	BSMT3511	2016	Conducting experimental/ research work by engaging in a project: Skill dev and

1060	Project	BSMT3603	2016	Working on a disease/ disorder specific assignment to fill the research gap in the
1061	Internship	BSMT3604	2016	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
1062	Introductory Biology	BSRT1101	2016	Understanding the functions of cell organelles: Employability
1063	Basic anatomy	BSRT1102	2016	Gross anatomy of human body with emphasis to the skeletal organization:
1064	Basic physiology	BSRT1103	2016	Understanding the physiology and mechanisms of living things: Employability
1065	Basic Radiation Physics	BSRT1104	2016	Understanding of the concept of Radiation in the study of human anatomy and disease
1066	Basic Medical Instrumentation &	BSRT1105	2016	Understanding the working principle of Common instruments used in a diagnostic
1067	Anatomy and Physiology lab	BSRT1106	2016	Understanding the physiological aspects of growth and development of Human organs/
1068	Fundamental of Medical Imaging and	BSRT1201	2017	Understanding the basic concepts of xrays and their emission; ultrasound and
1069	Basic Biochemistry	BSRT1202	2017	Understanding the concept of metabolism of carbohydrates, amino acids, lipids:
1070	Equipments Of Radiotherapy	BSRT1203	2017	Conceptualization of linear accelerators, simulators, magnetrons and klestron:
1071	Medical Imaging Lab - 1	BSRT1204	2017	Care and maintenance of x-ray equipment: Skill dev & Enterpreunership
1072	Applied Radiation Physics and Radiation	BSRT2301	2017	Ability to understand the concept of Radioation in diagnosis and protection
1073	Advance Radiographic Technique	BSRT2302	2017	Familiriation with the equipments of ultrasound, basic principle of ct scanning and
1074	Special Radiographic Technique and	BSRT2303	2017	Understanding of special procedures and importance of contrast media: Skill dev. and
1075	Basics Equipment's in Radiodiagnosis	BSRT2304	2017	Understanding of gamma rays and its use in radiography, magnetron and klestron: Skill
1076	Medical Imaging Lab - 2	BSRT2305	2017	Performing radiographic positioning, application of contrast media, Darkroom
1077	Radiotherapy and Brachy Therapy	BSRT2401	2017	Concept on treatment of cancer, dose limits for individuals: Skill dev and Employability
1078	Applied Equipments Of Radio Diagnosis	BSRT2402	2017	Understanding of patient preparartion for general radiologic procedures, concepts on
1079	Interventional Radiology & Drugs	BSRT2403	2017	Concept on use of anaesthesia in diagnostic radiology: Skill dev and Employability
1080	Basic Computer & Information Science	BSRT2405	2017	Concepts of basic input & output device; Processor & memory; Word, excel, power
1081	Hospital posting Medical Imaging Lab -	BSRT2406	2017	Exposure to different hospitals, training of x-ray, CT and MRI: Skill dev. & Employability &
1082	Basics of X-Ray and Digital X-Ray Imaging	BSRT3501	2017	Properties of x-ray, x-ray machines and application of portable xray: Skill dev and

1083	Computerized Tomography (CT)	BSRT3502	2017	Diagnosis of muscle and bone disorders, detecting conditions such as cancer, heart
1084	Basics of Magnetic Resonance Imaging	BSRT3503	2017	Understanding of MRI scans of different organs: Skill dev and Employability
1085	Orientation In Clinical Sciences And Course	BSRT3505	2017	Understanding about different diseases and medicines: Employability
1086	Medical Imaging Lab - IV	BSRT3506	2017	Access to CT, MRI and their indications: Skill dev. & Employability & Enterpreunership
1087	BASIC COMPUTER	BSOP1105	2015	Identifying the applications and use of computers
1088	GENERAL PHYSIOLOGY	BSOP1103	2015	Understanding the physiological aspects of growth and development of Human organs/
1089	BASIC BIOCHEMISTRY	BSOP1104	2015	Gaining adequacy in the concept of metabolism of various macromolecules in
1090	BIOCHEMISTRY LAB	BSOL1102	2015	Gaining adequacy in the concept of metabolism of various macromolecules in
1091	GENERAL ANATOMY & PHYSIOLOGY LAB	BSOL1103	2015	Learning about basic structure and connections between the various parts of
1092	PHYSICAL OPTICS	BSOP1204	2015	Predicting the distribution of light under various conditions: Employability
1093	OCULAR ANATOMY	BSOP1202	2015	Identifying the microscopic structures of various tissues in the eye and correlating the
1094	OCULAR PHYSIOLOGY	BSOP1203	2015	Elucidating the physiological aspects of normal growth and development of the eye:
1095	OPTICS LABORATORY- II	BSOL1201	2015	Predicting the distribution of light under various conditions: Skill and Employability
1096	ANATOMY& PHYSIOLOGY LAB	BSOL1202	2015	Learning about basic structures in eye and their integrative function: Skill dev &
1097	BUSINESS COMMUNICATION	FCHU0203	2015	Effectiveness in participation in group discussion and job interviews: Skill dev. And
1098	OCCULAR MICROBIOLOGY AND	BSOP2301	2015	Understanding of how knowledge of pathological processes can be utilized in the
1099	OPYOMETRIC OPTICS I	BSOP2303	2015	Ability to measure the power of lens, lens centration using conventional techniques,
1100	CLINICAL EXAMINATION OF	BSOL2301	2015	Performing various clinical tests, their interpretation and finding: Skill dev. and
1101	CLINICAL OPTOMETRY- I	BSOL2302	2015	Measurement of lens power, lens centration using conventional techniques, transposition
1102	OCULAR DISEASES -I	BSOP2401	2015	Developing diagnostic approach towards management of the ocular diseases:
1103	OPTOMETRIC OPTICS II	BSOP2403	2015	Developing the art and science of dispensing spectacle lens and frames based on the glass
1104	BASIC AND OCULAR PHARMACOLOGY	BSOP2404	2015	Developing conceptual knowledge on the mechanism, indications, contraindications,
1105	OCULAR DISEASES II	BSOP2405	2015	Knowledge on course sequelae of ocular diseases, their diagnosis and management of

1106	CLINICAL OPTOMETRY II	BSOL2401	2015	To gain practical knowledge regarding Ocular Diseases, Visual Optics, Optometric Optics:
1107	BINOCULAR VISION & SQUINT	BSOP3501	2015	Binocular muscle coordination; Integration of motor and sensory system into binocular
1108	CONTACT LENSES	BSOP3502	2015	Understanding of the concepts of contact lenses: Employability
1109	LOW VISION AID	BSOP3503	2015	Training for Low Vision subjects with Low vision devices: Skill and Employability
1110	CONTACT LENS LABORATORY	BSOL3502	2015	Applying the concepts of contact lenses: Skill dev. & Employability
1111	OCULAR DISEASES LABORATORY II	BSOL3503	2015	Performing the basic workup for a patient in a hospital and clinic set up: Skill dev. and
1112	STATISTICS & OCCUPATIONAL	BSOP3601	2015	Interpretation and ability to prescribe suitable corrective lenses and eye protective
1113	PEDIATRIC & GERIATRIC	BSOP3602	2015	Ability to identify, investigate the age-related changes in the eyes: Skill dev. &
1114	SYSTEMIC DISEASES	BSOP3603	2015	Understanding of Ocular findings of the systemic conditions: Employability
1115	OPTOMETRIC INSTRUMENTS	BSOL3602	2015	Gaining practical skill in handling the advanced instruments in an Optometry Lab:
1116	PROJECT	BSOP4701	2015	Working on a disease/ disorder specific assignment to fill the research gap in the
1117	ORGANIZATIONAL BEHAVIOR	BSFE2401	2015	Understanding of Organizational behavior and conceptualization of foundations of
1118	Human Anatomy and Physiology I – Theory	BPHT1101	2017	Skill-Employability- Hand on practice on various clinical aspects of human physiology
1119	Pharmaceutical Analysis I – Theory	BPHT1102	2017	Skill-Employability-Use the techniques, skills, and modern pharmaceutical instruments
1120	Pharmaceutics I – Theory	BPHT1103	2017	Skill- Employability- Entrepreneurship - Understand the impact of pharmaceutical
1121	Pharmaceutical Inorganic Chemistry –	BPHT1104	2017	Skill- Employability- Students can prepare various Pharmaceutical dosage form
1122	Communication skills – Theory *	BPHT1105	2017	Skill- Students can improve their communication Skill
1123	Remedial Biology – Theory*	BPHT1106	2017	Employability- Apply knowledge of basic science and pharmacy
1124	Remedial Mathematics –	BPHT1107	2017	Employability- Apply knowledge of basic science and pharmacy
1125	Human Anatomy and Physiology – Practical	BPHL1101	2017	Skill-allows Students to verification of physiological processes discussed in theory
1126	Pharmaceutical Analysis I – Practical	BPHL1102	2017	Skill- Employability- Students can assay ,preparaed and standarized various Heavy
1127	Pharmaceutics I – Practical	BPHL1103	2017	Skill- Employability- Students can prepare various Pharmaceutical dosage form
1128	Pharmaceutical Inorganic Chemistry –	BPHL1104	2017	Skill- Students can perform purity test on drugs or chemicals

1129	Communication skills – Practical*	BPHL1105	2017	Skill- Students can improve their communication Skill
1130	Remedial Biology – Practical*	BPHL1106	2017	Skill- Students can learn about structure and functional system of plant and animal
1131	Human Anatomy and Physiology II – Theory	BPHT1201	2017	<small>Skill-Employability- Hand on practice on various clinical aspects of human physiology and also able to perform different types of experiments</small>
1132	Pharmaceutical Organic Chemistry I –	BPHT1202	2017	Skill-Employability- synthesis, characterization of synthetic formulation
1133	Biochemistry – Theory	BPHT1203	2017	Employability- Apply knowledge and concept of basic science and pharmacy and also able
1134	Pathophysiology – Theory	BPHT1204	2017	Skill-Employability-student get to know about various communicable diseases and
1135	Computer Applications in	BPHT1205	2017	Skill-Employability-Building competency in programme coding, various softwares,
1136	Environmental sciences – Theory *	BPHT1206	2017	<small>Employability- student get to know about basic knowledge about the environment and its allied problems</small>
1137	Human Anatomy and Physiology II	BPHL1201	2017	<small>Skill- allow the verification of physiological processes discussed in theory classes through experiments on living tissue, intact animals or normal human beings</small>
1138	Pharmaceutical Organic Chemistry I –	BPHL1202	2017	Skill-Students can do qualitative analysis and synthesis of Organic Compound
1139	Biochemistry – Practical	BPHL1203	2017	Skill- Students can demonstrate different Biochemical Test
1140	Computer Applications in	BPHL1204	2017	Skill-Allows students to details with Database, Database Management
1141	Pharmaceutical Organic Chemistry II –	BPHT2101	2017	Skill-Employability- synthesis, characterization of synthetic formulation
1142	Physical Pharmaceutics I –	BPHT2102	2017	Skill- Employability- formulate and solve complex pharmaceutical problems in
1143	Pharmaceutical Microbiology – Theory	BPHT2103	2017	Skill- Employability- Carried out sterility testing, microbiological standardization of
1144	Pharmaceutical Engineering – Theory	BPHT2104	2017	Skill -Employability- Entrepreneurship- students can able to understand and perform
1145	Pharmaceutical Organic Chemistry II –	BPHL2101	2017	Skill-Students can do qualitative analysis and synthesis of Organic Compound
1146	Physical Pharmaceutics I –	BPHL2102	2017	Skill- Allows student to get a better insight into various areas of
1147	Pharmaceutical Microbiology –	BPHL2103	2017	Skill- Allows students to study of all categories of microorganisms especially for
1148	Pharmaceutical Engineering –Practical	BPHL2104	2017	Skill- Students can get fundamental knowledge on the art and
1149	Pharmaceutical Organic Chemistry III –	BPHT2201	2017	<small>Skill-Employability- synthesis, characterization of synthetic formulation and solve complex pharmaceutical problems in research and development sector.</small>
1150	Medicinal Chemistry I – Theory	BPHT2202	2017	Employability students get to know about the chemistry, pharmacological activity,
1151	Physical Pharmaceutics II –	BPHT2203	2017	Skill- Employability- formulate and solve complex pharmaceutical problems in

1152	Pharmacology I – Theory	BPHT2204	2017	Skill-Employability- student get to know about correlation of pharmacology with
1153	Pharmacognosy and Phytochemistry I–	BPHT2205	2017	Skill - Students can do identification and evaluation, phytochemicals
1154	Medicinal Chemistry I – Practical	BPHL2201	2017	Skill - Students can get fundamental knowledge on the structure,
1155	Physical Pharmaceutics II –	BPHL2202	2017	Skill-student get to know better insight into various areas of
1156	Pharmacology I – Practical	BPHL2203	2017	Skill -Student can Observe the effect of drugs on animals by simulated experiments
1157	Pharmacognosy and Phytochemistry I –	BPHL2204	2017	Skill-Extraction and isolation of plant product ,determination of chemical parameter of
1158	Medicinal Chemistry II – Theory	BPHT3101	2017	Employability students get to know about the chemistry, pharmacological activity,
1159	Industrial Pharmacy– I Theory	BPHT3102	2017	Skill-Employability-Entrepreneurship- students get to design and develop process
1160	Pharmacology II – Theory	BPHT3103	2017	skill-Employability- student get to know about correlation of pharmacology with
1161	Pharmacognosy and Phytochemistry II–	BPHT3104	2017	Skill-Emloyability-Isolate, Identify, Analyze, screen and ensure quality as ell as quantity
1162	Pharmaceutical Jurisprudence –	BPHT3105	2017	Employability- students can able to apply knowledge in the area of pharmaceutical
1163	Industrial Pharmacy I – Practical	BPHL3101	2017	Skill- Students can Formulate solid, liquid and semisolid dosage forms and evaluate
1164	Pharmacology II – Practical	BPHL3102	2017	Skill- Students can demonstrate isolation of different organs/tissues from the laboratory
1165	Pharmacognosy and Phytochemistry II –	BPHL3103	2017	Skill- Students can carryout isolation and identification of phytoconstituents
1166	Medicinal Chemistry III – Theory	BPHT3201	2017	Employability students get to know about the chemistry, pharmacological activity,
1167	Pharmacology III – Theory	BPHT3202	2017	skill-Employability- student get to know about correlation of pharmacology with
1168	Herbal Drug Technology – Theory	BPHT3203	2017	Skill-Employability- students get to know basic principles of traditional medicinal
1169	Biopharmaceutics and Pharmacokinetics –	BPHT3204	2017	Skill- Employability- student get to know about pharmacokinetic and
1170	Pharmaceutical Biotechnology –	BPHT3205	2017	Employability- Students van design and develop process to meet desired needs
1171	Quality Assurance –Theory	BPHT3206	2017	Skill-Employability- students get to know about the validation, confirmation of test
1172	Medicinal chemistry III – Practical	BPHL3201	2017	Skill- Students can do chemical synthesis of selected drugs
1173	Pharmacology III – Practical	BPHL3202	2017	Skill- Students can demonstrate the various receptor actions using isolated tissue preparation
1174	Herbal Drug Technology – Practical	BPHL3203	2017	Skill- Students can preparaee herbal cosmetics, natural sweeteners,

1175	PROGRAMMING IN 'C'	CCCS1202	2016	Skill - Practice using programming in C.
1176	PROGRAMMING IN C++	BCAC2401	2016	Skill - Practice using programming in C++
1177	INTERNET AND WEB TECHNOLOGY	BCAC3501	2016	Skill - Design and development of web programming.
1178	PROGRAMMING IN JAVA	BCAC3502	2016	Skill - Programming using JAVA
1179	RDBMS	BCAC2302	2016	Skill - Database and file management
1180	Apparel Production & Marketing	CUTM3029	2017	Employability/Skill - Practice and Project
1181	Line Stitching Supervising	CUTM3030	2017	Employability/Skill - Practice and Project
1182	Apparel Production	CUTM3031	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1183	Light Motor Vehicle Driving	CUTM3032	2017	Employability/Skill - Practice and Project
1184	Fork Lift Operation	CUTM3033	2017	Employability/Skill - Practice and Project
1185	Heavy Vehicle Technology	CUTM3034	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1186	Two Wheeler Service Technology	CUTM3035	2017	Employability/Skill - Practice and Project
1187	Four Wheeler Service Technology	CUTM3036	2017	Employability/Skill - Practice and Project
1188	E-Vehicle Assembly and Service	CUTM3037	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1189	Robotics	CUTM3038	2017	Employability/Skill - Practice and Project
1190	Poultry Farming	CUTM3039	2017	Employability/ Entrepreneurship/Skill
1191	CNC Programming (CAM)	CUTM3040	2017	Employability/Skill - Practice and Project
1192	Design Supervising Wooden and Modular	CUTM3041	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1193	Introduction to Composite	CUTM3042	2018	Employability/Skill - Practice and Project
1194	3D Modelling and Printing	CUTM3043	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1195	Precast Concrete Manufacturing	CUTM3045	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1196	Fabrication	CUTM3046	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1197	Hi-Tech Surveying	CUTM3047	2018	Employability/Skill - Practice and Project

1198	Internet of Things	CUTM3048	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1199	Mechatronics System Design	CUTM3049	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1200	Introduction to Nanotechnology	CUTM3051	2018	Employability/Skill - Practice and Project
1201	Drone Piloting	CUTM3052	2018	Employability/Skill - Practice and Project
1202	Camera Operation	CUTM3053	2018	Employability/Skill - Practice and Project
1203	Editor	CUTM3054	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1204	Desktop Publishing	CUTM3055	2018	Employability/Skill - Practice and Project
1205	Introduction to Blender and Unity	CUTM3056	2018	Employability/Skill - Practice and Project
1206	Refraction Technology	CUTM3057	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1207	Emergency Medical Technology	CUTM3058	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1208	Medical Lab Technology	CUTM3059	2019	Employability/Skill - Practice and Project
1209	Operating Theatre Technology	CUTM3060	2019	Employability/Skill - Practice and Project
1210	Radiology Technology	CUTM3061	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1211	Phlebotomy Technology	CUTM3062	2019	Employability/Skill - Practice and Project
1212	First Aid Service	CUTM3063	2019	Employability/Skill - Practice and Project
1213	General Duty Assistance Service	CUTM3064	2019	Employability/Skill - Practice and Project
1214	X- ray Technology	CUTM3065	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1215	Retail Sales	CUTM3067	2019	Employability/ Entrepreneurship/Skill - Practice and Project
1216	Basketball	CUTM3068	2019	Employability/Skill - Practice and Project
1217	Gym Fitness	CUTM3069	2019	Employability/Skill - Practice and Project
1218	Swimming	CUTM3070	2019	Employability/Skill - Practice and Project
1219	Yoga & Meditation	CUTM3072	2019	Employability/Skill - Practice and Project
1220	Solar PV Installation	CUTM3073	2019	Employability/Skill - Practice and Project

1221	Solar Lighting Technology	CUTM3074	2019	Employability/Skill - Practice and Project
1222	Solar PV Microgrid System	CUTM3076	2019	Employability/Skill - Practice and Project
1223	Solar PV Driven Equipment O/M &	CUTM3077	2019	Employability/Skill - Practice and Project
1224	Solar Thermal Engineering	CUTM3078	2019	Employability/Skill - Practice and Project

Academic Year 2018-19

Sl No.	Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill
1	Differential Equations	FCBS 0102	2016	Skill Development(Students will know about the modelling of different engineering
2	Linear Algebra & Vector	FCBS 0103	2016	Skill Development(Students will know about modelling of problems related to system of
3	Integral Transform	FCBS 0104	2016	Skill Development(Students will know to find the solution using laplace and fourier
4	Complex Analysis	FCBS 0105	2016	Skill Development(Students will know to find the solution using complex integral)
5	Discrete Mathematics	FCBS 0106	2016	Skill Development(Students will know about graphs, sets and logic)
6	Calculus	FCBS0107	2017	Employability (Students will know about curvature, asymptotes)
7	Probability & Statistics	FCBS0108	2017	Employability (Students will know about probability distribution)
8	Numerical Methods	FCBS0109	2017	Skill Development(Students will know about solution of differential equation using
9	Electricity and Magnetism	FCBS0404	2016	Skill development (Students will develop the skill of identifying circuit elements and
10	Basic Mechanics and Properties of Matter	FCBS0405	2016	Employability (knowledge enhancement)
11	Optics and Optical Fibres	FCBS0406	2016	Employability (knowledge enhancement)
12	Applied Analytical Chemistry	FCBS0401	2016	Employability-Water Analysis,Soil Analysis,Chemistry of fuels. Skill- All
13	Industrial Chemistry	FCBS0402	2016	Employability:- Preparation of soap, dyes and oil analysis ,Analysis of cement Skill-All
14	Applied Engineering Materials	FCBS0403	2016	Employability-Nano Materials,Polymers,Composites. Skill- All
15	Foundations of English	FCHU1201	2016	Skill Development(Students will develop basic interpersonal communication skill
16	Communicative Practice Laboratory -1	FCHU1202	2016	Skill Development(Students will enhance their communication skills in english both
17	Business Communication	FCHU1203	2016	Skill Development(Students will enhance their communication skills in english in

18	Communicative Practice Laboratory-II	FCHU1204	2016	Skill Development(Students will enhance their communication skills in english both
19	Corporate Readiness Laboratory	FCHU1205	2016	Skill Development(Students will develop professional communication skill)
20	IT Enabled Communication	FCHU1206	2016	Skill Development(Students will enhance their communicative competency through
21	Career Communication	FCHU1207	2016	Skill Development(Students will enhance their communicative competency in
22	Personality Development	FCHU1208	2016	Skill Development(Students will learn basic ettiquette in professional sphere)
23	Seminar and Technical Writing	FCHU1209	2016	Skill Development(Students will learn the convention followed in academic and
24	Professional Etiquette	FCHU1210	2016	Skill Development(Students will learn basic ettiquette in professional sphere)
25	Creative Writing	FCHU1211	2016	Skill Development(Students will enhance their competency level using innovative
26	English for Competition	FCHU1212	2016	Skill Development(Students will enhance their competency level to compete with
27	Life Skills Development (LSD) – I	FCHU0210	2016	Skill Development(Students will develop life skill including time management skill,
28	Life Skills Development (LSD) –	FCHU0211	2016	Skill Development(Students will develop life skill including time management skill,
29	Life Skills Development (LSD) -	FCHU0212	2016	Skill Development(Students will develop life skill including time management skill,
30	Economics	FCMG0101	2016	Skill Development(to provide students with a basic understanding of the economic
31	Accounting & Finance	FCMG0102	2016	Skill Development-Students will be able to create, balance and deliver a budget and use
32	Management Processes and OB	FCMG0103	2016	Skill Development-Students shall be able to analyze and compare different models used
33	Production and Operation	FCMG0104	2016	Skill Development (Acquire a working understanding of the roles/functions of
34	Marketing Management	FCMG0105	2016	Skill Development (Students will learn the application of various marketing tools for
35	Introduction to Research	FCMG0108	2016	Skill Development (Students will be able to understand the process of doing a research).
36	Indian Society and Culture	FCMG0113	2016	Skill Development (Students will be familiarized with the science and technology
37	Disaster Management	FCMG1201	2016	Skill Development (students would begin to understand the relationship between
38	Human Rights	FCMG0115	2018	Skill Development (Student would have an understanding of human rights, its history,
39	Introduction to Ethics	FCMG0116	2018	Skill Development (Students shall be able to demonstrate their respect of different
40	Gender Issues in Development	FCMG0401	2018	Skill Development (Students shall be able to develop an understanding of perspectives on

41	Engineering Mechanics	ENFC0101	2018	Skill development (To provide the student with a thorough understanding of concept,
42	Material Sciences	ENFC0102	2017	Employability and Skill development (Students will able to identify materials for
43	Thermodynamics	ENFC0103	2018	Skill development (Students will be able to prepare energy balance sheet will be able to
44	Geometric Modelling Lab	ENFC0202	2018	Skill development(Students will be able to Demonstrate use of CAD in Civil
45	Introduction to Robotics	ENFC0203	2017	Employability (upgrading knowledge levels of robotic application in modern industries
46	3D Modeling	ENFC0204	2018	Skill Development (learning software which helps to draw complicated drawings and also
47	Electrical Workshop Practice	ENFC0205	2018	Skill development(Students will Enhance their skill of operating electrical
48	Engineering Metrology and	ENFC0401	2017	Employability and Skill development (To Make Students Familiar with the
49	Basic Fluid Mechanics	ENFC0402	2017	Skill development(• After completion of the course, the students will able to evaluate
50	Basic Surveying	ENFC0403	2017	Skill development(Doing centering, leveling & measuring coordinate points of area and
51	Basic Electrical Engineering	ENFC0404	2017	Skill Development (Students will get the skill to design devices and systems using
52	Electrical Machines	ENFC0405	2018	Skill Development (Students will get the skill to analyse about the principle of operation &
53	Introduction to automation	ENFC0406	2018	Skill development(Students will be able to use a number of PLC programming
54	Programming in C	ENFC0409	2018	Skill And Employability(Case study to be given to students on uses of C program for
55	Programming for Problem Solving –	ENFC0412	2017	Skill And Employability(Understands the concepts of Threads, exception handling, file
56	Data Base Management System	ENFC0414	2018	Skill And Employability(Hands on training on Client/Server Architecture- System Structure
57	Electronics and Its Application	ENFC0415	2018	Employability (Students will develop an updated
58	Electronic Devices	ENFC0416	2018	Employability (Students will get the fundamentals cleared
59	Sensors and IOT	ENFC0417	2017	Employability (The studemts will be aware of the
60	Problem Solving & Programming	ENFC0418	2018	Skill And Employability(To enhance the problem analysis capability and problem
61	Data Structures and C Programming	ENFC0419	2018	Skill And Employability(Understand asymptotic analysis and different methods.
62	Operating System	ENFC0422	2018	Skill And Employability(This course enables students to understand the basic concepts of
63	Big Data Analytics	ENFC0423	2018	Skill And Employability(This course helps in gaining the ability to choose the right

64	Block Chain and Smart Contracts	ENFC0424	2018	Skill And Employability(Hands on in design and program smart contracts and
65	AI Tools, Techniques and applications	ENFC0603	2018	Skill And Employability(Introduce state-of-art AI tools and techniques to solve various
66	Cloud Computing and its applications using	ENFC0602	2018	Skill (Hands on in accessing cloud Storage systems and Cloud security and develop
67	Problem Solving using Python	ENFC0901	2018	Skill And Employability(Eenhance the problem analysis capability and problem
68	Object Oriented Programming through	ENFC0902	2018	Skill And Employability(Understands the concepts of Threads, exception handling, file
69	Web Technologies	ENFC0903	2018	Skill And Employability(Develop a static, interactive and well-formed webpage using
70	Software Engineering using Agile	ENFC0904	2018	Skill (Students get to apply software engineering principles and techniques learnt
71	Internet of Things	ENFC1407	2018	Skill (Hands on training for understanding of the communication protocols in IoT
72	Build your own Computer	ENFC1402	2018	Skill (Hands on training to build computing devices.Troubleshoot various faults in a
73	Cloud Computing Application	ENFC1403	2018	Skill (Hands on in accessing cloud Storage systems and Cloud security and develop
74	Hydraulics & Hydraulic Machines	CECC0103	2018	Skill development(Effectively use performance calculations Understand the
75	Disaster Preparedness & Planning	CECC0102	2018	Entrepreneurship(The student will develop competencies in The application of Disaster
76	Estimation & Quantity Surveying	CECC0201	2017	Skill development(After completion of the courses the students will gain knowledge of
77	Pre-Fabricated Structures	CECC0202	2018	Skill Development (Become knowledgeable regarding the processes of planning,
78	Concrete Technology	CECC0412	2017	Skill(Demonstrate test and analysis of cement, aggregate, sand, effect of water
79	Soil Mechanics	CECC0401	2018	Skill development(•Students will gain knowledge on soil mechanics and the
80	Foundation Engineering	CECC0402	2017	Employability(To obtain knowledge about soil properties and methods of soil
81	Transportation Engineering	CECC0403	2018	Skill development(•Students will gain knowledge on planning, material selection
82	Water supply & Waste water Management	CECC0415	2018	Entrepreneurship(•Students will gain knowledge and the concepts involve in it
83	Hydrology & Water Resources	CECC0416	2018	Employability(•Students will gain knowledge and the concepts involve in it
84	Quality Control and Risk Management in	CECC0414	2018	Skill Development (Generate quality control schedule for different projects in
85	Computer Aided Design of Steel	CECC0407	2017	Skill development(to gain the knowledge of Steel design calculation with relevant Indian
86	Computer Aided Design of Concrete	CECC0408	2017	Skill development(To gain the knowledge of RCC design calculation with relevant Indian

87	GIS and Digital Cartography	CECC0413	2018	Skill development(• To study the basic concepts of GIS.
88	Strength of Material	CECC0411	2018	Employability(Students will acquire knowledge and skill to analyze the effect of
89	Functional planning and DPR	CECC0501	2018	Skill development(•Students will gain knowledge on and the concepts involve in it
90	Construction Equipment	DECP0101	2018	Entrepreneurship(Students will be able to work with the latest trend of the
91	Site Supervision & Measurement	DECP0401	2018	Employability(•Students will gain knowledge on and the concepts involve in it
92	Geotechnical Investigations	DECP0402	2018	Skill development(To obtain knowledge about soil properties and methods of soil
93	Repairs, Renovation and Rehabilitation of	DECP0403	2018	Skill development(•After successful completion of the course the students will
94	Tendering Process, Bidding Contract	DECP0601	2018	Skill development(•Upon successful completion of the course, students shall be
95	Software Based Project Scheduling	DECP0301	2018	Entrepreneurship(•Identify various activities of a construction project and the critical
96	Project	DEET0300	2015	Employability (Skill development course)
97	Internship	DEET0800	2015	Employability (Skill development course)
98	Green Building Design	DEPD0101	2018	Skill development(•To study the theory of sustainability.
99	Earthquake Resistant Design	DEPD0102	2018	Employability(•To study co-relation with architectural design and performance of
100	Barrier Free Design	DEPD0103	2018	Skill development(•To study the various provisions in the code
101	Intelligent Building Design	DEPD0104	2018	Skill development(•To study integrates technology and process to create a facility
102	Architectural Design	DEPD0201	2018	Skill development(•To study the basic concepts of building Design.
103	3D Modelling and VR experience of Building	DEPD0202	2018	Skill development(•To understand the Generation of 2D (plan, section and
104	Remote Sensing & Digital Image	DESP0401	2018	Skill development(•Students will gain knowledge of basic concepts of remote
105	Geospatial Technology and its	DESP0901	2018	Skill development(•Students will gain knowledge about the structure of spatial
106	Photogrammetry and its Application	DESP0402	2018	Skill development(•Students will gain knowledge about the survey by
107	Lidar Remote Sensing and its Applications	DESP0201	2018	Skill development(•Students will gain knowledge about LIDAR and its application.
108	Smart City Planning	DESP0202	2018	Employability (designing the city features including park, garden etc. Course
109	Building of Cloud Infrastructure	DECT0901	2015	Skill And Employability(Analyze and Understand the functioning of different

110	Deployment Architecture -I	DECT0902	2015	Skill And Employability(Evaluate cloud application requirements and make
111	Deployment Architecture - II	DECT0903	2015	Skill And Employability(Ability to evaluate cloud application requirements and make
112	Advanced Networking	DECT0904	2015	Skill And Employability(Students had Implemented various VPC,VPN and
113	Oracle Database Administration and	DEST0401	2015	Skill And Employability(Provides an exhaustive coverage of SQL Admin to
114	Problem Solving through Coding	DEST0201	2015	Skill And Employability(Obtain skills to solve problems involving text, numbers and
115	Linux and Lamp Administration	DEST0402	2015	Skill And Employability(Obtain skills in Linux server administration. Content includes
116	Testing and Test Automation	DEST0403	2015	Skill And Employability(students had applied various modern software testing
117	Web Services using Java	DEST0404	2015	Skill And Employability(Developed knowledge-based force to serve the IT
118	Python for Data Science and Machine	DEML0201	2015	Skill And Employability(Implement ML algorithms that generates insight to high
119	Supervised and Unsupervised	DEML0401	2015	Skill And Employability(Implement several ML algorithms that generates insight to high
120	Advanced Neural Network (RNN & CNN)	DEML0402	2015	Skill And Employability (Design and train a CNN, RNN language models and also able to
121	ML Techniques in Image Processing	DEML0202	2015	Skill And Employability(Implemented different Real life Projects in the field of
122	Deep Learning Techniques and	DEML0403	2015	Skill And Employability(Design and train a CNN, RNN language models.Be able to apply
123	Introduction to IT Networking & Security	DEIS0121	2015	Skill And Employability(To understand, design and implement appropriate security
124	Advanced Networking	DEIS0421	2015	Skill And Employability(Understand and explain Data Communications System and its
125	White Hat Hacking Techniques and Tools	DEIS0422	2015	Skill And Employability(Information technologies skill like vulnerabilities, defense
126	Information Technology	DEIS0122	2015	Skill And Employability(Obtain the skill about IT Service Management best practices,
127	Network Security Audit of an	DEIS0221	2015	Skill And Employability(To perform an IT Network security audit of an organization and
128	CCNA	DEIS0222	2015	Skill And Employability(hands on training to manage Network for an Organization)
129	Electromagnetic Field Theory	ECCC0102	2018	Skill Development This subject is a base subject for wireless
130	Analog Electronic Circuits	ECCC0401	2018	Skill Development and Employability (Its an important subject in the curriculum.
131	Digital Electronic Circuits	ECCC0402	2018	Skill Development and Employability (Its an important subject in the curriculum.
132	Networks and Systems	ECCC0403	2018	Employability (Its also equivalently important for facing

133	Digital Signal Processing	ECCC0404	2018	Employability (Analyse Z-Transform , DFT,FFT and, and the
134	Analog Communication	ECCC0405	2017	Employability (Familiar with analog radio transmitters and
135	Digital Communication	ECCC0406	2017	Employability (Illustrate the classification of channels,
136	VLSI Design	ECCC0407	2017	Employability (Design combinational and sequential circuit
137	ARM Processor Based System Design	ECCC0408	2017	Employability (Understand the architecture of ARM
138	RTOS and its Application	ECCC0412	2018	Employability (Develop the skill to implement the Real
139	Microwave and Radar Communications	ECCC0410	2017	Employability (Integrate the concept of bunching and
140	Antenna and Wave Propagation	ECCC0413	2018	Employability (Analyze antenna parameters Evaluate the
141	General PLC	DEIA0101	2018	Skill development(Students will develop skill of designing Automatic Control System using
142	Basic Electrical (Automation based)	DEIA0201	2018	Skill development (Students will gain Functional skill set with hands-on; on
143	Supervisory Control and Data Acquisition	DEIA0401	2018	Skill development (Students will gain Functional skill set with hands-on; on
144	Micro Range Programmable Logic	DEIA0402	2018	Skill development (Students will gain Functional skill about the Programmable
145	Small Range Programmable Logic	DEIA0403	2018	Skill development (Students will gain Functional skill about the Programmable
146	Medium Range Programmable Logic	DEIA0404	2018	Skill development (Students will gain Functional skill about the Programmable
147	Human Machine Interface (HMI)	DEIA0202	2018	Skill development (Students will gain Functional skill set with hands-on; on PLC
148	Variable Frequency Drive	DEIA0203	2018	Skill development (Students will gain Functional skill to operate the Drive by
149	Modern Transmission and Distribution	DEOM0101	2018	Skill Development (Students will learn about the Transmission and Distribution system
150	Operation and Testing of Power and	DEOM0401	2018	Skill Development (Students will learn about the operation and testing procedures used in
151	System Protection and Auxiliaries	DEOM0402	2018	Skill Development (Students will develop different protection scheme with hardware
152	Construction of HT and LT lines and	DEOM0102	2018	Skill Development (Students will develop skill set with hands on training & practice on
153	Safety Practice and First Aid	DEOM0201	2018	Skill Development (Students will develop skill set with hands on training & practice on
154	Electrical System Layout and Drawing	DEOM0202	2018	Skill Development (Students will develop different electrical system layout with
155	Power System Market, Act and	DEOM0103	2018	Employability (Student will learn power market operation & energy audit process

156	Design of Transformer Core and Winding	DEDRO101	2018	Skill Development (Students will Manufacture three phase Distribution
157	Manufacturing of Transformer HT and	DEDRO201	2018	Skill Development (Students will Manufacture three phase Distribution
158	Manufacturing of Transformer Tank and	DEDRO202	2018	Skill Development (Students will Manufacture three phase Distribution
159	Testing and Commissioning	DEDRO401	2018	Skill Development (Students will develop skill set with hands on training & practice on
160	Safety and Protection	DEDRO402	2018	Skill Development (Students will develop skill set with hands on training & practice on
161	Transformer Repair and Maintenance	DEDRO403	2018	Skill Development (Students will develop skill set with hands on training & practice on
162	Renewable Energy Sources and	DERE0161	2015	Skill Development (Students will learn and develop the different technologies of
163	Solar Photovoltaic Technology	DERE0162	2015	Skill Development (Students will learn and develop the different technologies of Solar
164	Solar Thermal Technology	DERE0163	2015	Skill Development (Students will learn and develop the hybrid generations that
165	Solar Systems for Buildings	DERE0464	2015	Skill Development (Students will learn and develop the roof top solar generation
166	Solar Power Plant	DERE0465	2015	Skill Development (Students will learn the principle of solar power plant)
167	Decentralized and Smart Power Grids	DERE0466	2015	Skill Development (Students will learn the principle of solar power plant)
168	Solar Photovoltaic Laboratory	DERE0267	2015	Skill development (Students will gain the knowledge with hands-on; on different
169	Solar Thermal Laboratory	DERE0268	2015	Skill Development (Students will develop hands-on, on different solar related live
170	Quality Control and Reliability Engineering	MECC0101	2018	Skill development (The students can able to apply the concept of SQC in process control
171	Fluid Power Control	MECC0102	2018	Employability and Skill development (To impart knowledge to students on
172	Introduction to Hybrid and Electric Vehicles	MECC0103	2018	Employability and Skill development (Students will acquire knowledge regarding
173	Renewable Energy Systems	MECC0104	2018	Skill (To have a knowledge of energy scene in India.To acquire the skill of analyzing and
174	Manufacturing Technology 1	MECC0401	2017	Skill And Employability (Students will have Knowledge and Skills to Understand Actual
175	Manufacturing Technology 2	MECC0402	2017	Skill And Employability (Students will be Able to Do Process Planning, Develop CNC Part
176	Design for Manufacturing	MECC0403	2017	Skill And Employability (Students will be able to select appropriate manufacturing
177	Finite Element Analysis	MECC0404	2017	Skill And Employability (Students will be Able to Deploy Practical and Industrial Approach
178	Digital Manufacturing	MECC0405	2017	Skill And Employability (Students will be able to use modern software like DELMIA-Quest

179	Fundamentals of Heat Engine	MECC0415	2018	Skill And Employability (Students will be able to test internal combustion engines for
180	Design of Thermal Energy Systems	MECC0407	2017	Skill And Employability (Students will be able to identify and select, design and implement
181	Mechanics of Machines	MECC0410	2017	Skill And Employability (Students will have knowledge and skills to analyse, design and
182	Design of Transmission Systems	MECC0412	2018	Skill And Employability (To Enable the Students to Design Basic Transmission
183	Fluid Mechanics and Heat Transfer	MECC0414	2017	Skill And Employability (Students will be able to analyze and design various
184	Introduction to Automobile	DEAE0101	2018	Employability and Skill development(This gives jobs oppertunity in automobile
185	Entrepreneurship Opportunities in	DEAE0102	2018	Employability and Skill development (This gives jobs oppertunity in automobile
186	Maintenance of Automobile	DEAE0204	2018	Employability and Skill development(This gives jobs oppertunity in automobile
187	Design of Basic Automobile	DEAE0205	2018	Employability and Skill development(This gives jobs oppertunity in automobile
188	Subsystems of Automobile	DEAE0401	2018	Employability and Skill development(This gives jobs oppertunity in automobile
189	Design and Maintenance of	DEAE0402	2018	Employability and Skill development(This gives jobs oppertunity in automobile
190	Jigs and Fixtures	DECM0101	2015	Employability and Skill development (Makes student Industry ready through hands
191	Process Planning and Cost Estimation	DECM0102	2015	Employability and Skill development(Makes student Industry ready through hands-on
192	Conventional Machining for	DECM0201	2015	Employability and Skill development(Makes student Industry ready through hands-on
193	Conventional Machining for	DECM0202	2015	Employability and Skill development(Makes student Industry ready through hands-on
194	CNC Machining	DECM0603	2015	Employability and Skill development(Makes student Industry ready through hands-on
195	Non-Traditional Machining and 3D	DECM0604	2015	Employability and Skill development(Makes student Industry ready through hands-on
196	Wood Engineering	DECM0203	2015	Employability and Skill development(Makes student Industry ready through hands-on
197	Project	DECM0300	2015	Employability and Skill development(Makes student Industry ready through hands-on
198	Internship	DECM0800	2015	Employability and Skill development(Makes student Industry ready through hands-on
199	Joining Processes & Technology	DEWD0403	2018	Employability and Skill development(This gives oppertunities for self employed by
200	Arc Welding, Gas Welding & Brazing	DEWD0201	2015	Employability and Skill development(This gives oppertunities for self employed by
201	Metal Transfer & Weld Metallurgy	DEWD0102	2018	Employability and Skill development(This gives oppertunities for self employed by

202	Design of Welded Joints (CATIA)	DEWD0101	2015	Employability and Skill development(This gives oppertunities for self employed by
203	Welding of Stainless Steel, Aluminium,	DEWD0603	2018	Employability and Skill development(This gives oppertunities for self employed by
204	Testing of Welded Joints (DT, NDT &	DEWD0604	2018	Employability and Skill development(This gives oppertunities for self employed by
205	Project	DEWD0300	2018	Employability and Skill development(This gives oppertunities for self employed by
206	Basic Metallurgy	DEOC0134	2015	Employability and Skill development (Understand the correlation between
207	Power Plant Engineering	DEOC0131	2015	Skill development (Students will be able to work out the problems related to power
208	Information Theory & Coding	DEOC0136	2018	Employability Design the channel performance using
209	Mobile Communication	DEOC0135	2018	Employability Understand the new trends in
210	Power System Generation	DEOC0121	2015	Skill development (Students will learn the SKILL of generating electrical powers from
211	Electromagnetic Theory	DEOC0122	2015	Employability Knowledge of, physical interpretation, and
212	Power Quality and FACTS	DEOC0123	2018	Skill development (Students will learn the SKILL of different power quality issues and
213	Soft Computing Techniques - II	DEOC0124	2018	Skill development(Students will develop the SKILL related various techniques used in soft
214	MATLAB for Electronics	DEOC0233	2018	Employability Able to use Matlab for interactive
215	Basic Electrical Maintenance	DEOC0221	2015	Skill development(This course will enable students to safely undertake electrical
216	Automotive Electrician	DEOC0222	2015	Skill development(Student will acquire the skills to identify and solve problems
217	Advanced Power Electronics	DEOC0421	2015	Skill development (Students will gain Functional skill set with hands-on; on Advnce
218	Electrical Drives	DEOC0422	2015	Skill development (Students will gain Functional skill set related to different DC &
219	Advance Control System	DEOC0423	2015	Skill development (Students will gain Functional skill related to control theory,
220	Instrumentation and Measurement	DEOC0424	2018	Skill development (Students will develop the SKILL about various bridges used to measure
221	PCB Design and Analysis	DEOC0425	2018	Employability To design and fabricate PCB for prototyping
222	Advanced Structural Analysis	ISSD1101	2016	Skill development(• Skill in developing computer program for the structural analysis
223	Structural Dynamics	ISSD1102	2016	Skill development(To provide basic knowledge of mathematics, science and
224	Theory of Elasticity & Plasticity	ISSD1103	2016	Skill development(•Ability to apply the knowledge of mathematics, science and

225	Architectural Design	ISSD1104	2016	Skill development(Provide skill with a well-educated workforce that is ready and able to
226	Computer Graphics (2D & 3D Drafting)	ISSD1106	2016	Skill development(At the end of the course, the students have a skill and employability to:
227	Civil Engg. MATLAB Lab	ISSD1107	2016	Employability (Differential equations and its application to engineering problems
228	Finite Element Method	ISSE1201	2016	Skill development(•Enable the students to identify, formulate and skill to engineering
229	Design of Prestressed Concrete Structures	ISSE1202	2016	Skill development(Skill to control of the losses involved of pre-stressing concrete and
230	Concrete Technology	ISSE1203	2016	Skill development(•To study and understand various types of technology added in
231	Research Methodology	ISRM1201	2016	Skill development(1.Skill to research problem formulation.
232	CAD LAB	ISSE1204	2016	Employability (Analysis and design of a simply supported beam, Plate, Simple framed
233	3D Modeling using ANSYS and CATIA	ISSE1205	2016	Skill development(Introduction to Engineering Design Different types of
234	Prefabricated Structures or	ISSE1206	2016	Skill development(•Grasp of the construction methods using these elements have the skill
235	Renovation and Retrofitting of green	ISSE1207	2016	Skill development(By the end of this course students will have the skill /knowledge of
236	Advanced Construction	ISSE1208	2016	Skill development(•To study the polymers in civil engineering construction
237	Soil Dynamics and Geotechnical	ISSE1209	2016	Skill development(Develop skill in applying theory of vibrations to basic facets of soil
238	Traffic Engineering And Management	ISTE1101	2018	Skill development(•To learn traffic studies, their analysis and their interpretation.
239	Pavement Materials And Construction	ISTE1102	2018	Employability(•To learn about characteristic of subgrade soil.
240	Urban Transportation Planning	ISTE1103	2018	Employability(•To learn the planning methodology of Urban transportation
241	Transportation Infrastructure Design	ISTE1104	2018	Employability(•To learn Geometric Design of Cross Sectional Elements of various types of
242	Pavement Material Lab	ISTE1106	2018	Skill development(•To learn about characteristic of subgrade soil.
243	Traffic Survey Practice	ISTE1107	2018	Skill development(• Fieldwork using Hi-Tech surveying instruments
244	Pavement Analysis And Design	ISTE1201	2018	Skill development(•To learn about characteristic of subgrade soil.
245	Highway Project formulation and	ISTE1202	2018	Employability(•To learn Geometric Design of Cross Sectional Elements of various types of
246	Traffic Safety	ISTE1203	2018	Skill development(•To learn Geometric Design of Cross Sectional Elements of
247	Survey Lab	ISTE1204	2018	Skill development(Identify specific data and methodologies for effective mapping and

248	Transportation Engineering Design	ISTE1205	2018	Skill development(Gain knowledge about the software used in transportation like surface
249	Remote Sensing And GIS for Transportation	ISTE1207	2018	Skill development(•Ability to understand the basics and characteristics of remote sensing.
250	Pavement Evaluation ,Rehabilitation and	ISTE1208	2018	Employability(•To learn about characteristic of subgrade soil.
251	Project Management	ISTE1209	2018	Employability(Identify functions of project management including estimating, job
252	Environmental Impact Assessment for	ISTE1210	2018	Employability(• environmental issues in decision-making)
253	Industry Internship and Project-1	ISTE2101	2018	Employability(Student will be doing live project For 4 months in an
254	Industry Internship and Project-II	ISTE2200	2018	Employability(Student will be performing internship for 3-months in
255	Power SystemAnalysis	ISPS 1101	2016	Skill development (Students will gain Functional skill set with hands-on; on System
256	Non-Linear Control Systems	ISPS 1102	2016	Skill development (Students will gain Functional skill set with hands-on; on Load
257	High voltage Engineering	ISPS 1103	2016	Skill development (Students will gain Functional knowledge with hands-on; on
258	Allen Bradley Micrologix1000,	ISPS1104	2016	Skill development (Students will gain Functional skill set with hands-on; on System
259	Schneider MODICON TSX-Micro, GE	ISPS1105	2016	Skill development (Students will gain Functional skill set with hands-on; on Load
260	Basic Electrical (Automation based)	ISPS1106	2016	Skill development (Students will gain Functional skill set with hands-on; on
261	Basic Industrial Automation (Power	ISPS1107	2016	Skill development (Students will gain Functional skill set with hands-on; on High
262	Digital Control Systems	ISPS1201	2016	Skill development (Students will gain Functional skill set with hands-on; on Digital
263	Advanced Power Electronics	ISPS1202	2016	Skill development (Students will gain Functional skill set with hands-on; on Advnce
264	Power SystemDynamics	ISPS1203	2016	Skill development (Students will gain Functional skill set with hands-on; on Load
265	SCADA-Schneider-Wonder ware In	ISPS1204	2016	Skill development (Students will gain Functional skill set with hands-on; on
266	SCADA-AllenBradley-RSVView32	ISPS1205	2016	Skill development (Students will gain Functional skill set with hands-on; on
267	General PLC	ISPS1206	2016	Skill development (Students will gain Functional skill set with hands-on; on PLC
268	HMI-Allen Bradley-Panel View C600	ISPS1207	2016	Skill development (Students will gain Functional skill set with hands-on; on PLC
269	Industry Internship and Project - I	ISPS2101	2016	employability (Student will learn on power system operation & energy audit process
270	Project Seminar	ISPS2102	2016	Skill Development (Students will develop different project related to operation &

271	Comprehensive Viva	ISPS2103	2016	Employability(Students will give a comprehensive Viva about all subjects
272	Industry Internship and Project - II	ISPS2200	2016	employability (Student will learn on power system operation & energy audit process
273	Workshop Practice	BTME 0401	2018	Skill development (identify, and repair various parts used in different machines in
274	Fluid Mechanics	BTCE 0401	2018	Skill development (apply the principles of fluid mechanics to design simple fluid
275	Engineering Drawing	BTME 0202	2018	Skill development (get preliminary ideas on developing and designing a dairy
276	Fundamentals of Microbiology	BTLS0401	2018	Skill development (basic idea of microbiology which will later help in higher
277	Milk Production Management and	BTAS0401	2018	Entrepreneureship and Skill (learn about the different breed, dairy farm practices,
278	Communication Skills	BTHU0401	2018	Skill development (able to speak, read and write english fluently which will help them
279	Computer and Application Software	BTCS0401	2018	Skill development (to appear different exams, doing mails, preparation of spread
280	Biochemistry	BTLS0402	2018	Skill development (understand various metabolic pathways and their
281	Environmental Studies	BTBS0401	2018	Skill development (proper utilization of natural resources, recycling of organic
282	Evolution of Management Thought	MGGM1101	2011	Application of Basic mangement principles-Skill development
283	Basic Communication Skills	MGGM1102	2011	Competence in oral, written, and visual communication: Employability, Use current
284	Quantitative Techniques	MBDM1104	2017	application of quantitative techniques in business decision making- Employability,
285	Managerial Economics	MGGM1104	2014	Analysis of demand, supply, production,market; Application of different
286	Managerial Computing	MGIT1101	2011	MS Word, Excel, power point- Skill development
287	Accounting for Managers	MGFM1101	2011	Preparation of financial statement, preparation of cost sheet and financial
288	Marketing Management	MGMK1101	2011	Interpretation complex marketing issues facing by a variety of enterprises:
289	Organizational Behaviour	MGGM1105	2011	Analyze and compare different models of Human Behaviour - Employability,
290	Management Information Systems	MGIT1202	2011	Utilize Management Information Systems in achieving business competitive advantage -
291	Communication Perspective of	MGGM1206	2011	Write business proposals and reports-Employability, Entrepreneurship & Skill
292	Human Resource Management	MGHR1201	2011	Carry out human resource planning and Job analysis, develop, implement and evaluate
293	Management & Market Research	MGGM1207	2011	Applying marketing research into the broader strategic planning process, with

294	Financial Management	MGFM1202	2011	Application of concepts of financial management, investment, financing,
295	Production & Operations	MGOM1201	2011	Developing aggregate capacity plans and MPS in operation environments-
296	Economic Environment of	MGGM1208	2014	Analysis of economic policy and environment-Employability,
297	Indian Society and Culture	MGGM1212	2015	Analysing social issues, Societal Analysis-Employability
298	Aptitude and Career Enhancement-	MGGM1210	2014	Quatitative aptitude and logical analysis-Employability, Entrepreneurship & Skill
299	Production Planning and Inventory Control	MGOM2309	2018	Develop Production planning and handel control issues in both service and
300	Sales and Distribution Management	MGMK2302	2011	Manage and enhance the sales force productivity and performance:Employability
301	Summer Internship Programme	MGGM1211	2011	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
302	Strategic Management and	MGGM2318	2015	Conduct analysis of competitive situations of the enterprise and inroduction of ethical
303	Aptitude and Career Enhancement-II	MGGM2317	2014	Compete and qualify in the selection process - Employability
304	Career Communication and	MGGM2314	2014	Communicate appropriately using the technology - Employability
305	Operations Research	MBDM1202	2017	Manage and enhance the sales force productivity and performance:Employability
306	Logistics and Supply Chain Management	MGOM2302	2011	Analyzing the manufacturing operations of a firm- Employability, Entrepreneurship
307	Legal Environment for Enterprise	MGGM2315	2011	Analyze business issues and to understand broader legal issues- Employability,
308	Project Management	MGGM2316	2011	Describe a project life cycle, identify the resources needed for each stage, develop a
309	Live Project (Dissertation in	MGEL2401	2015	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
310	Contemporary Management courses	MGEL2402	2015	Advance topics, analysis and application of IT Employability
311	GIS and Participatory Planning	MGEL2403	2015	Identification of the resources needed, develop a project scope utilizing GIS
312	Rural Marketing	MGMK2312	2015	Able to scuccessfully enter the rural market for promotion of his products and services:
313	Services Marketing	MGMK2313	2015	Able to deliver services successfully Employability & Entrepreneurship
314	Customer Relationship	MGMK2314	2015	Formulate and assess strategic, operational and tactical CRM decisions: Employability &
315	Consumer Behaviour	MGMK2305	2011	Detect the relevance of consumer behaviour to the entire marketing process, the nature
316	Brand Management and Marcomm	MGMK2306	2011	Appraise key issues in managing brand portfolio and making strategic branding

317	B2B Marketing	MGMK2307	2011	Effective B2B marketing strategy design and execution: Employability &
318	Retail Management	MGMK2315	2011	Make merchandise plan and to procure right merchandise: Employability &
319	International Marketing	MGMK2316	2015	Assess an organization's ability to enter and compete in international markets:
320	Social Marketing	MGMK2310	2011	Develop a strategic plan for identifying opportunities for implementing social
321	Digital Marketing	MGMK2311	2015	Apply various concepts and importance of digital marketing - Visualize various
322	GIS for Marketing	MGMK2317	2015	Develop customer marketing applications such as acquisition, marketing, messaging,
323	Advanced Managerial Accounting	MGFM2310	2015	Preparation of cost sheet and analysis of financial statements: Employability &
324	Financial Derivatives	MGFM2311	2015	Competent in derivative products such as forward, future, option & swap and to make
325	Financial Institutions, Markets & Services	MGFM2305	2011	Use techniques for raising funds from capital market and from different sources-
326	Commercial Banking and ALM	MGFM2306	2011	Use techniques for Asset/Liability Management for smooth operation of the
327	Insurance & Risk Management	MGFM2307	2011	Use techniques for identifying, measuring and managing the risk - Employability &
328	Security Analysis And Portfolio	MGFM2308	2011	Use methods of valuations of financial instruments and evaluation of risk as well as
329	Project Appraisal & Financing	MGFM2309	2014	Preparation of detailed project report, identification of a project, feasibility analysis
330	Corporate Restructuring	MGFM2312	2015	Use techniques of Financial Corporate valuation and Engineering - Employability &
331	Financial Planning and Wealth Management	MGFM2313	2015	Use methods to determine the ways of personal tax planning, retirement and estate
332	Current Asset Management	MGFM2314	2015	Evaluate comparative current asset management policies and their impact on
333	Service Operations Management	MGOM2303	2011	Carry out optimal inventory management- Employability, Entrepreneurship
334	Total Quality Management	MGOM2311	2011	Use statistical approach for quality control, ISO and QS certification process-
335	Technology Management	MGOM2312	2015	Technology adoption and technology transfer-Employability, Entrepreneurship
336	Purchase and Materials	MGOM2305	2011	Develop materials requirement planning technique, handle issues related to
337	Environment & Industrial Safety	MGOM2306	2011	Formulate or design a system, process, procedure, or program to meet desired
338	Business Process Re-engineering &	MGOM2307	2011	Model and develop improved business processes that require IT and organizational
339	Enterprise Resource Planning	MGOM2308	2011	Develop Generic Model of ERP and Implementation of General ERP

340	Supply Chain Modelling	MGOM2310	2011	Value creation and revamping supply chains for becoming competitive in the market-
341	Industrial Relations and Labour Laws	MGHR2302	2015	Handle industrial disputes - Employability
342	Compensation and Reward Management	MGHR2315	2011	Designing a pay structure - Employability
343	Performance Management	MGHR2314	2011	Fixing performance standards and performance indicators that reflect the
344	Organization Change and Development	MGHR2305	2011	Bring out appropriate changes in the organization and becoming a change agent-
345	International Human Resource	MGHR2307	2011	Design Human Resource activities in an International Context- Employability,
346	Knowledge Management	MGHR2308	2011	Critically apply theories and models to organisations for success- Employability,
347	Human Resource Planning and Sourcing	MGHR2312	2015	Development, implementation, and evaluation of employee recruitment,
348	Training and Development	MGHR2311	2011	Assess, design and implement various methods, techniques and sources of training-
349	Leadership Development	MGHR2313	2015	Develop critical thinking skills and lead the organization- Employability,
350	Organization Structure and Design	MGHR2310	2014	Designing effective organizational structure keeping in view business strategies -
351	Rural Immersion Programme (Practice)	MGRM2305	2015	Carry out participatory planning with the community, develop strategies for
352	Sustainable Livelihood System (SLS)	MGRM2306	2015	Employ appropriate software to record, maintain, retrieve and analyse human
353	Public System Management	MGRM2307	2015	Comprehend and apply the basic principles of public administration model -
354	Micro Finance Management	MGRM2308	2015	Accelerating the expansion of local microbusinesses- Employability
355	Natural Resource Management	MGRM2309	2015	Work effectively with, and within, interdisciplinary and diverse groups to
356	Social Entrepreneurship	MGRM2310	2015	Students will be able to establish social enterprises- Entrepreneurship
357	Gender and Development	MGRM2311	2015	Utilize the different tools and techniques for gender planning, analysis and evaluation in
358	Hospital Administration	MGHM2301	2017	Create policy and processes and execute decisions in compliance with the legal,
359	Management Information Systems	MGHM2302	2017	Analyze existing systems and design technology solutions appropriate to the
360	Management of Out-Patient Department	MGHM2303	2017	Deal the issues effectively in emergency services, can plan, organize and supervise
361	Risk and Disaster Management	MGHM2304	2017	Handle Security Management Effectively in Hospitals, Control and Prevent hospitals
362	Management of Quality	MGHM2305	2017	Prepare quality policy and objectives for hospitals, Plan and organize quality

363	Legal and Ethical Issues for Hospitals	MGHM2306	2017	Handle medico-legal issues effectively, Ensure appropriate patient relationship,
364	Health Insurance	MGHM2307	2017	Ensure hassle free insurance facility in hospitals, Build appropriate relation with
365	Project Management in Health Care	MGHM2308	2017	Plan and implement health sector projects, Carry out feasibility analysis of health sector
366	Marketing of Hospital Services	MGHM2309	2017	Handle challenges in hospital services marketing, Design new hospital services,
367	Clinical, Diagnostic & Therapeutic Services	MGHM2310	2017	Design and manage secondary and tertiary systems of medicine, Maintain hospital
368	Patient Care and Behaviour	MGHM2311	2017	Motivate patients and instrumental in shaping positive attitude towards hospital,
369	Web Traffic Generation	MBDM2201	2017	Increase traffic in any website, Popularizing websites- Employability, Entrepreneurship &
370	Link Building & e-WoM	MBDM2202	2017	Increase links through web, Building relationships through the web-
371	Social Media Marketing	MBDM2203	2017	Develop effective social media marketing strategies for various types of industries and
372	Branded Content and the Future of Media	MBDM2204	2017	Develop and market branded contents, Employability,
373	Ideas, Brands and Business	MBDM2205	2017	Make strategic branding decisions- Employability, Entrepreneurship
374	Brand Planning and Consumer Insights	MBDM2206	2017	Design and execute intelligent and innovative research studies to scan the
375	Digital Strategies and Planning	MBDM2207	2017	Create a digital marketing plan and budget; identify suitable measures to set objectives
376	Mobile & E-Mail Marketing	MBDM2208	2017	Ability for technology adoption, various devices, changing nature of services and
377	Search Engine Optimization	MBDM2209	2017	Able to improve sales volume through search engine optimization - Skill
378	Search Engine Marketing	MBDM2210	2017	Able to improve sales volume through Google AdWords and other elements of
379	Technology of e-Commerce	MBDM2211	2017	Able to integrate distributed database technologies within the internet architecture
380	Online Reputation Management	MBDM2212	2017	Ability to give a structure of quality websites and portals - Skill development
381	Affiliate Marketing	MBDM2213	2017	Able to structure quality web designing for affiliate marketing - Skill development
382	Web Content Writing	MBDM2214	2017	Ability to develop creativity and creating quality content- Skill development
383	Power Distribution Management	MGPM2301	2018	Create e-business plan, Make e-business risk analysis and justify it- Employability,
384	Power Plant System	MGPM2302	2018	Plan and administer policies for power plants, Handle usages of equipment in
385	Project Planning, Analysis and	MGPM2303	2018	Carryout feasibility analysis of projects (Market, Technical, Financial and Economic),

386	Electricity Industry Structure and Act	MGPM2304	2018	Handle power generation, transmission, and distribution process effectively, Manage
387	Integrated Energy Management &	MGPM2305	2018	Develop plan for sustainable use of alternative sources of energy, Plan for
388	Financing Energy Sector Projects	MGPM2306	2018	Carry out feasibility study of projects for micro, small and medium enterprises,
389	Power Pricing & Power Purchase	MGPM2307	2018	Develop agreements for power purchase, Calculate capital cost operational cost,
390	Power Trading	MGPM2308	2018	Design and develop the power market engaging modern technology- Employability,
391	Power Station Management	MGPM2309	2018	Utilise safe technology, Handle the challenges in power generation,
392	Renewable Energy for a Sustainable Future	MGPM2310	2018	Plan for utilization of renewable energy, Design facilities for solar, wind and tidal
393	Risk Hazard and Environment	MGPM2311	2018	Establish first aid facilities, Plan for risk reduction,Develop hazardous waste
394	Energy Conservation & Update	MGPM2312	2018	Establish first aid facilities, Plan for risk reduction,Develop hazardous waste
395	Maintenance Management and	MGPM2313	2018	Handle inventory properly, Job designing, Manage production maintenance-
396	Basics of Data Warehousing and	MGDA1106	2016	Able to make better business decisions by using Data warehousing business intelligence
397	Advance Business Communication	MGDA1209	2016	Able to make better business communication- Employability &
398	Information System in Business	MGDA1210	2016	Analyze actions affecting the business as well as prepare cost estimates and forecasts-
399	ETL , Data modeling and Cube Design	MGDA1215	2016	Able to analyze data objects and figuring out the relationships between them-
400	Data Visualisation with Power BI and	MGDA1216	2016	Able to represent data visualization for business analytics- Skill development
401	Unstructured Data Analytics & Machine	MGDA1213	2016	Make data-driven recommendations and decisions based on only the input data- Skill
402	Advanced Data Modelling & Mining	MGDA1214	2016	Use the tool to clean, analyze, and graph data- Skill Development
403	Project (Project Mode in Organization)	MGDA1200	2016	It will enable learner to easily cope up with harsh industry or startup environments-
404	Introduction to Indian Society	MGDM0101	2018	Critically examine the challenges in society from a multi stakeholder perspective -
405	Sustainable Entrepreneurship	MGDM0103	2018	To promote sustainable enterprises- Employability, Entrepreneurship
406	Skill Ecosystem Development	MGDM0104	2018	Appraise the skill ecosystem and its dimensions - Employability
407	Innovation and Regional	MGDM0106	2018	Develop innovative approaches- Employability
408	Project Management	MGAM0102	2018	Describe a project life cycle, identify the resources needed for each stage, develop a

409	Summer Internship	MGDM0801	2018	To make self-disciplined, self-motivated and integrate theory and practice- Employability ,
410	Development and Globalisation	MGDM0107	2018	Analyzing the manufacturing operations of a firm, dealing with fundamental issues of
411	Global Production Network	MGDM0108	2018	To deal with the terrain of globalization and production networks in the new world order
412	Research Methods	MGAM0103	2018	Application of modern analytical tools and techniques for management decision
413	Gender Issues in Development	MGDM0109	2018	Adopt different tools and techniques for gender planning, analysis and evaluation in
414	Development Internship	MGDM0802	2017	Skills to appraise concepts at real time situations- Skill development
415	Development Action Research Thesis	MGDM0301	2018	To develop writing and analytical skills- Skill development
416	Accounting for Managers	MGFA1101	2018	Preparation of financial statement, preparation of cost sheet and financial
417	Agriculture Action Research Thesis	MGAM0301	2018	To develop writing and analytical skills- Skill development
418	Micro and Macro Economics	MGDM 1104	2014	Application of different economic paradigms using Microeconomics concepts-
419	IT Enabled Communication	MGDM 1103	2014	Use IT tools for effective communication - Skill development
420	Individual and Group Behaviour	MGDA1103	2017	Competence to deal with behavioural challenges in an organization and insights for
421	Socio-Economic and Political History of	MGDM 1201	2014	Analyse social, economical and political background of India for decision making -
422	Financial Inclusion and Micro-finance	MGDM 2303	2014	To appraise the scenario of financial inclusion in the country , acquire skills to
423	Economic Environment for	MGAM1204	2017	Developing aggregate capacity plans and agricultural policies for sustainable
424	ICT in Agriculture	MGAM1102	2017	Applications of information & Community technology in various fields of agriculture
425	Agricultural Marketing	MGAM1203	2017	Effectively evaluate the challenges and prospects of agri marketing system, :
426	Natural Resource Management	MGDM 2406	2014	Work effectively with, and within, interdisciplinary and diverse groups to
427	Post-harvest and Processing	MGAM2108	2017	Carry out Interdisciplinary approach to post-harvest management including biology,
428	Live-stock management (Theme	MGAM2203	2017	Manage animals for food and fiber production: Employability
429	Sales and Distribution Management (Theme	MGAM2103	2017	Develop a sales and distribution plan for products/services- Employability
430	Commodity market and trading (Theme	MGAM2209	2017	Develop plans to minimize risk through trade strategies: Employability, Entrepreneurship
431	Agricultural Internship	MGAM0802	2014	To apply and evaluate the learned concepts, theories at real time situations- Skill

432	Proficiency in English	BBAR1101	2015	Communicate effectively: Employability
433	Basic Financial Accounting	BBAR1102	2015	Preparation and use of financial statement of different types of organisations:
434	Management Principles and	BBAR1103	2016	Application of Basic mangement principles in organizations- Employability
435	Micro Economics	BBAR1104	2015	Utilize micro economic concepts and techniques to take business decisions
436	Computer application in business	BBAR1105	2015	Identify and utilize appropriate technology for effective decision-making and improved
437	Reading to Writing	BBAR1201	2015	Increased reading speed and using academic vocabulary in writing - Employability
438	Business Statistics	BBAR1203	2016	Use statistical tools for managerial decision-making- Employability, Entrepreneurship
439	Macro Economics	BBAR1204	2015	Apply macroeconomic perspective to solve business issues and take appropriate policy
440	Human Reseource Management	BBAR2101	2015	Carry out human resource planning and Job analysis, develop, implement and evaluate
441	Principles of Marketing	BBAR2102	2016	Solving marketing issues faced by a variety of enterprises : Employability &
442	Cost & Management Accounting	BBAR2103	2016	Preparation of cost sheet and analysis of financial statements: Employability &
443	Oral Communication Skills	BBAR2104	2015	Use of strategies, such as contextualization of new vocabulary, use of previewing,
444	Production & Operation	BBAR2105	2015	Developing aggregate capacity plans and MPS in operation environments-
445	Research Methodology	BBAR2201	2015	Application of modern analytical tools and techniques for management decision
446	Operation Research	BBAR2202	2015	Develop a report that describes the model and the solving technique, analyse the
447	Financial Management	BBAR2203	2016	Application of concepts of financial management, investment, financing,
448	Business Communication	BBAR2204	2015	Use of strategies to demonstrate comprehension of written and spoken
449	Tally and ERP	BBAR2205	2016	Preparation of financial statement of different types of organisations with Tally:
450	Financial Institution and Markets	BBAR3101	2016	Use techniques for raising funds from capital market and from different sources-
451	Business Law for managers	BBAR3102	2016	Utilize legal framework for starting a business venture and running it successfully
452	Summer Internship	BBAR3103	2016	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
453	Business Policy	BBAR3201	2016	Carry out SWOT analysis of a firm and develop an environment appraisal that will
454	Entrepreneurship Development	BBAR3202	2016	Develop business plan, assess the various opportunities and constraints for new

455	SPSS	BBAR3203	2016	Use SPSS for analyzing data and define a variety of statistical variables- Skill
456	International Finance	BBAF3101	2016	Use techniques for managing the financial issues in international environment -
457	Investment Banking & Financial Services	BBAF3102	2016	Use techniques for raising funds from capital market and from different sources-
458	Investment Analysis & Portfolio	BBAF3103	2016	Use methods of valuations of financial instruments and evaluation of risk as well as
459	Project Appraisal	BBAF3104	2016	Preparation of detailed project report, identification of a project, feasibility analysis
460	Business Analysis & Valuation	BBAF3105	2016	Analyse and interpret the financial statements for various decision making
461	Financial Modelling & Derivatives	BBAF3106	2016	Uses techniques of Financial modeling and various Financial Derivatives including
462	Strategic Corporate Finance	BBAF3107	2016	Use valuation principles, tools & techniques, the link between valuation and corporate
463	Research Project	BBAF3108	2016	Identification of research problems, collection of data and analysis of data :
464	Consumer Behaviour	BBAM3101	2016	Apply the concepts and theories covered in the course to devise effective solutions: Skill
465	Personal Selling & Sales Force	BBAM3102	2016	Evaluate the role of sales manager and his/ her responsibilities in recruiting, motivating,
466	Advertising & Brand Management	BBAM3103	2016	Appraise key issues in managing brand portfolio and making strategic branding and
467	Retail Management	BBAM3104	2016	Make merchandise plan and to procure right merchandise: Employability &
468	Distribution & Supply Chain Management	BBAM3105	2016	Design and implement distribution channel strategy: Employability, Entrepreneurship
469	Marketing of Services	BBAM3106	2016	Design service quality measurements to build customer loyalty and evaluate the
470	International Marketing	BBAM3107	2016	Assess an organization's ability to enter and compete in international markets:
471	Research Project	BBAM3108	2016	Competent with identification of research problems, collection of data and analysis of
472	Hospitality management	BBAM3109	2016	Create policy and processes and execute decisions in compliance with the legal,
473	HRD : Systems & Strategies	BBAH3101	2016	Prepare strategies for development of human resources in organizations-
474	Training & Development	BBAH3102	2016	Prepare training calander and training contents by analysing the need-
475	Management of Industrial Relations	BBAH3103	2016	Plan policies towards Labour Welfare and maintain sound Industrial Relations-
476	Performance & Compensation	BBAH3104	2016	Fixing performance standards and performance indicators that reflect the
477	Counselling & Negotiation Skills for	BBAH3105	2016	Negotiation with business enterprises- Employability, Entrepreneurship

478	Cross Cultural HRM	BBAH3106	2016	Diversity management respecting the culture of employees- Employability ,
479	Talent & Knowledge Management	BBAH3107	2016	Develop knowledge management process in the organization- Employability
480	Research Project	BBAH3108	2016	Knowledge and skills in preparing a project report- Employability, Entrepreneurship &
481	International Trade Policy & Strategy	BBAB3101	2016	Analyze new opportunities in international trade, global supply and value chains,
482	Global Business Environment	BBAB3102	2016	Analyse the key decisions that multinational firms make in relation to the
483	Transnational & Cross Cultural Marketing	BBAB3103	2016	Formulate marketing strategy taking into consideration cultural beliefs, values and
484	International Distribution & Supply	BBAB3104	2016	Use commonly accepted frameworks and tools to analyze supply chain situations-
485	International Accounting &	BBAB3105	2016	Prepare the mandatory financial statements, according to the IFRS- Employability
486	Multinational Business Finance	BBAB3106	2016	Can handle – Problems and issues in foreign investment, Manage payment settlements-
487	International Joint Ventures, Mergers &	BBAB3107	2016	Handle issues in mergers and acquisitions- Employability
488	Research Project	BBAB3108	2016	Project writing skills and utilization of research methodologies in a project-
489	Financial Accounting I	BCFA1102	2017	Preparation and use of financial statement of different types of organisations:
490	Business Mathematics	BBAR1106	2017	Data analysis using mathematical function- Employability & Entrepreneurship
491	Business Economics	BCFA1104	2017	Apply macroeconomic perspective to solve business problems- Employability &
492	Business Law	BCOR1202	2017	Utilize legal framework for starting a business venture and running it successfully
493	Introduction to Banking	BBAR1208	2017	Carry out operational activities in commercial banks Employability
494	Business Environment	BBAR1206	2017	Analyse business environment and take appropriate decision Employability and
495	Financial Accounting II	BCFA1207	2017	Preparation and use of financial statement of different types of organisations:
496	Direct Tax	BBAR2106	2017	Can handle computation of heads of income and taxable income, TDS, advance tax etc.:
497	Indirect Taxes / GST	BBAR2107	2017	Calculate and file GST, levy and collection of tax, input tax credit, IGST act GSTN etc.:
498	Tally.ERP 9	BBAR2109	2017	Preparation of financial statement of different types of organisations with Tally:
499	Cost & Management Accounting	BBAR2110	2017	Preparation of cost sheet and analysis of financial statements: Employability &
500	Corporate Law	BBAR2108	2017	Utilize legal framework for starting a business venture and running it successfully

501	E-Commerce	BBAR2209	2017	carry out entrepreneurial activities electronically (E-commerce) Employability
502	Advanced Excel	BBAR2208	2017	Utilize advance features of Ms-excel in the day to day activities of the business,alsofor
503	Quantitative Techniques for	BBAR2207	2017	formulate complex problems into mathematical models to solve using
504	Auditing	BBAR2210	2017	Identify the areas of fraud and errors in the accounts and take corrective actions while
505	Business Ethics & Governance	BBAR2206	2017	Inroduction of ethical practices in business - Employability, Entrepreneurship
506	Corporate Accounting	BBAR3109	2017	Develop Accounting procedures used in corporates and the strategies involved in the
507	Financial Market Operation	BBAR3110	2017	Analyse Money market,Capital market, its instruments and apply the same in
508	On Job Internship-I	BBAR3111	2017	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
509	Global Finance	BBAR3209	2017	Apply suitable techniques and strategies to reduce risk in the foreign exchange market -
510	Banking Law & Practice	BBAR3210	2017	Adhere to Banking laws and practices while working in banking sector- Employanbility
511	On Job Internship-II	BBAR3211	2017	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
512	Communication Research Methods	MAMC1101	2018	Analyse data with techniques of social science, media research - Skill development
513	Introduction to Print & Electronic Media	MAMC1102	2018	Competence in Print and Electronic Media and can work in Print and Electronic Media
514	Society, Media and Communication	MAMC0501	2018	Skill development; Competence on the media business, its functioning and
515	Cultural Studies	MAMC0903	2016	Skill development; Competence in the process of production of media culture and
516	Advanced Digital Media	MAMC1103	2018	Students will be able to Competence skills in mordern media and will be able to analyse
517	Digital Media Platforms	MAMC1104	2018	Employability: Get jobs in Television program production or Radio Program
518	Film studies	MAMC1105	2018	Students will be able to develop skills in different aspects of Film and will be able to
519	Advertising and Public Relations	MAMC1106	2018	After studying this paper student will be able to employ Public Relations and Advertising
520	Thesis	MAMC0301	2018	Employability: Analysing Media issues and analysis of media content.
521	Animation	MCDE0601	2016	Ability to create quality animation performance through a creative and
522	Radio Jockeying	MCDE0602	2016	Skill development in aggregate capacity to develop the skills of a Radio Jockey.
523	TV Anchoring	MCDE0603	2016	Skill development in the aggregate capacity to develop the skills of a Television Anchor.

524	Fashion Photography	MCDE0604	2016	Skill development: Developing competency for professional fashion photography.
525	Camera Operator	MCDE0605	2018	Skills development in camera handling and planning and producing programs for
526	Video Editor	MCDE0606	2018	Skill development in television field and its functioning. Build the ability to develop and
527	Web Content Development	MCDE0607	2016	Skill development: Competence in Content development for web site or digital media.
528	Sound Engineer	MCDE0608	2018	Skill development on sound editing with different software.
529	Adobe tools and Illustrations	MCDE0609	2018	Work on Adobe Illustrator in the beginner level, and on graphics designing. Skill
530	Communication in History and History of	MCFC0501	2016	Utilise the skill in communication of the students- Skill development and students can
531	Introduction to Communication	MCCC0101	2016	Use the Communication skill and able to differentiate between different forms and
532	Introduction to Print and Electronic Media	MCFC1101	2018	Competence in Print and Electronic Media and can work in Print and Electronic Media
533	Introduction to Social Media	MCCC1101	2018	Student will be able to get employment on Social media- Employability
534	Media, Communication and	MCFC 0902	2016	Enhance the skill of student can analyse process of production of media culture and
535	Electronic Media	MCCC1102	2018	Students can develop their skills in TV/Radio/ Digital media platforms-Skill
536	Development Communication	MCCC0904	2016	Students will make strategy designing and campaign designing skill and able to develop
537	Intercultural Communication	MCCC0905	2016	Competence on intercultural communication and culture influences the communication
538	Gender and Communication	MCCC0906	2016	Students will enhance their skill and able to raise gender issues and role of media in it-
539	Film Studies	MCCC1103	2018	Students will be able to develop skills in different aspects of Film and will be able to
540	PR and Advertising	MCCC1104	2018	After studying this paper student will be able to employ Public Relations and Advertising
541	Digital Media	MCCC1105	2018	Students will be able to develop skills in new media and will be able to analyse
542	Final Project	MCCC0301	2016	Skill development;Analysing Media issues and analysis of media content.
543	Mathematical Physics	MSCP1101	2017	Skill - Tensors: Tensor analysis, Pseudo-tensors, Dual tensors. Gamma function and
544	Classical Mechanics	MSCP1102	2017	Employability - Variational principle, Central force problem, Canonical transformations,
545	Quantum Physics I	MSCP1103	2017	Employability - Angular Momentum, The Hydrogen Atom, Perturbation Theory.
546	Electrodynamics & Special Relativity	MSCP1104	2017	Employability - The special theory of relativity, Relativistic Mechanics, Relativistic

547	Modern Physics Lab	MSCP1105	2017	Skill - Practice course
548	Solid State Physics	MSCP1201	2017	Employability - Crystal Vibrations (Phonon theory), Thermal Properties of Solid, Free
549	Electronics Devices and Circuits	MSCP1202	2017	Employability - Bipolar junction Transistor, Field Effect Transistors, Operational
550	Computational Physics	MSCP1203	2017	Skill - Learning several numerical differentiation and integral methods to solve
551	Computational Physics Lab	MSCP1204	2017	Skill and employability - Learning simulation and solving problems using programming.
552	Electronics Devices Lab	MSCP1205	2017	Skill - Experiments done on electronic devices like Junction Diodes, Zener Diode,
553	Atomic and Molecular Physics	MSCP2301	2017	Employability - Molecular spectra , Laser.
554	Nuclear and Particle Physics	MSCP2302	2017	Employability - Nuclear models:Shell Model, Liquid Drop Model, Nuclear Reactions, Sub-
555	Quantum Physics II	MSCP2303	2017	Employability - Variational Methods, WKB Approximation, Time Dependent
556	Microprocessor and Interfacing devices	MSCP2304	2017	Employability - Microprocessor Architecture, Assembly language program & executing
557	Soft Matter Physics	MSCP2305	2017	Employability - Elastic soft matter, Liquid crystals, Brownian motion and thermal
558	Microprocessor lab	MSCP2306	2017	Skill - Microprocessors Lab
559	Materials Lab I	MSCP2307	2017	Skill - Materials Lab I
560	Electronics Communication	MSCP2401	2017	Employability - Analog Modulation Systems, Digital Modulation Systems, Optical
561	Electronics simulation Lab	MSCP2402	2017	Skill - Electronics simulation lab.
562	Introduction to Bio- and Nano-materials	MSCP2403	2017	Employability - Natural biomaterials, Nano-Materials Introduction, Synthesis Routes,
563	Advanced Solid State Physics	MSCP2404	2017	Employability - Many Body Systems, Magnetic properties
564	Materials Lab II	MSCP2405	2017	Skill - Materials lab II, Employability - synthesis of materials, Analysis of dielectric
565	Statistical Physics	MSPH3602	2017	Employability -The Statistical Basis of Thermodynamics, Canonical Ensemble, The
566	Embedded System	MSPH5103	2017	Employability - Embedded systems
567	Project/Dissertation	MSPP2401	2017	Skill - project work, writing a report, writing a research article.
568	Seminar I	MSPS2301	2017	Skill - Learning to develop a PPT and improving communicaiton skill.
569	Seminar II	MSPS2401	2017	Skill - Learning to develop a PPT and improving communicaiton skill.

570	Introduction to Research	MSRM5101	2017	Skill - Research Process, Data Analysis, Building Mathematical Models,
571	Advanced Physical Chemistry I	MSCC1101	2018	employability-Chemical Dynamics ,Adsorption,Electrochemistry,
572	Advanced Inorganic Chemistry I	MSCC1102	2018	Employability-Metal-Ligand Bonding-I&II, Electronic Spectra and Magnetic Properties
573	Advanced Organic Chemistry I	MSCC1103	2018	Employability-Aliphatic Nucleophilic Substitution,Aromatic Nucleophilic
574	Polymer Chemistry	MSCC1104	2018	Employability-Kinetics of melting, crystal morphology, free volume, distribution of
575	Chemistry Laboratory 1	MSCC1105	2018	Skill-Inorganic Chemistry Practical-I,Organic Chemistry Practical-I
576	Advanced Physical Chemistry II	MSCC1201	2018	Employability-Non-ideal systems,Quantum Chemistry-I,II ,III and IV.
577	Advanced Inorganic Chemistry II	MSCC1202	2018	Employability-Metal n -Complex,Metal Clusters,Organometallic Chemistry I &II .
578	Advanced Organic Chemistry II	MSCC1203	2018	Employability-Organic Synthesis and retrosynthesis,Organometallics in
579	Nuclear Chemistry	MSCC1204	2018	Employability-Systematic Study of alpha, beta and gamma decays,Module-II & III, Nuclear
580	Chemistry Laboratory 2	MSCC1205	2018	Skill-Organic chemistry practical-III
581	Water Quality Analysis	SBFE3127	2018	Skill- Water Quality Analysis
582	Pharmaceutical Chemistry	MSCC1001	2018	Skill-Pharmaceutical Chemistry
583	Clinical Practice lab	SBFE3152	2018	Skill-Clinical Practice Lab
584	Analytical Chemistry	MSCC1002	2018	Skill-Analysis of soil,food products,Chromatography
585	Advanced Inorganic Chemistry III	MSCC2301	2018	Skill-Instrumental Method of Analysis,Raman Spectroscopy,Homogeneous and
586	Advanced Organic Chemistry III	MSCC2302	2018	Employability-Bioenergetics,Amino Acids, Peptides and
587	Advanced Physical Chemistry III	MSCC2303	2018	Employability-Electronic spectra of molecule,Electronic spectra of diatomic
588	Advanced Solid State Chemistry	MSCC2304	2018	Employability-Bonding in Solids,of solids-band theory,Mechanical Properties of
589	Chemistry Laboratory 3	MSCC2305	2018	Skill-Physical Chemistry Practical
590	Green Chemistry Lab	MSCC2306	2018	Skill-Green Chemistry Lab
591	Advanced Organic Spectroscopy	MSCC2401	2018	<i>Skill-Ultraviolet Spectroscopy,IR Spectroscopy,IR Spectroscopy-II ,Nuclear</i>
592	Advanced Bio-Inorganic Chemistry	MSCC2402	2018	Employability-Metalloporphyrins and Iron-sulphur Protein,Metalloporphyrins and Iron-

593	Seminar	MSCS2401	2018	Skill-To creat a research mind in students
594	Chemistry Laboratory 4	MSCC2403	2018	Skill-Instrumental Methods of Analysis Lab
595	Biovia project	MSBV0301	2018	Skill -Students will know simulation,design of a drug molecules/materials and it's
596	MATHEMATICAL MODELLING	MSMA 4701	2017	Skill- Mathematical modelling through ordinary differential equations of first order.
597	ABSTRACT ALGEBRA - I	MSMA 4702	2017	Employability - Automorphisms, Cayley's Theorem, Permutations Groups
598	ADVANCED ANALYSIS	MSMA 4703	2017	Employability - Connected sets, Bounded sets, Totally Bounded sets, Complete Metric
599	PARTIAL DIFFERENTIAL	MSMA 4704	2017	Skill- Eigen value Problems Employability - The Cauchy Problem, The
600	DIFFERENTIAL GEOMETRY	MSMA 4705	2017	Employability - Fundamental Triads, Curves, Serret-Frenet Formulae, Curvatures and
601	MEASURE THEORY	MSMA 4801	2017	Employability - Outer measure, Measurable sets and Lebesgue measure
602	ADVANCED CALCULUS	MSMA 4802	2017	Skill- Derivatives of functions on R^n , Differentiation of composite functions
603	TOPOLOGY	MSMA 4803	2017	Employability - T_0 - and T_1 - spaces and sequence, Axioms of countability
604	FLUID DYNAMICS – I	MSMA 4804	2017	Employability - Fundamental equations of the flow of viscous compressible fluids
605	TENSOR ANALYSIS	MSMA 4805	2017	Skill- Riemann Geometry Employability - Tensor Algebra, Applications
606	ABSTRACT ALGEBRA-II	MSMA 5101	2017	Employability -Algebra of Linear Transformations, Characteristic Roots
607	COMPLEX ANALYSIS-II	MSMA 5102	2017	Employability -General form of Cauchy's Theorem, Calculus of Residues, Evaluation of
608	FLUID DYNAMICS – II	MSMA 5103	2017	Employability -The Laminar boundary layer, Properties of Navier-Stokes equations
609	OPERATION RESEARCH – II	MSMA 5104	2017	Skill- Graphical method for $2 \times n$ and, $m \times 2$ matrix games
610	NUMBER THEORETIC CRYPTOGRAPHY	MSMA 5105	2017	Employability -Enciphering matrices, The idea of public key Cryptography, RSA
611	THEORY OF COMPUTATION	MSMA 5201	2017	Employability -Computability Theory: Churh-Turing thesis
612	ADVANCED NUMERICAL ANALYSIS	MSMA 5202	2017	Employability -Eigen values and Eigen Vectors: Basic power method, Rayleigh
613	STATICS & DYNAMICS	DEHD0101	2017	Skill- To develop in students the ability to analyze dynamics problems in a simple and
614	INTRODUCTION TO HYDRODYNAMICS	DEHD0102	2017	Skill- To develop the knowledge and comprehension of basic principles of
615	MAT LAB Programming for	DEHD0401	2017	Skill- To develop the computational methods to solve the Applied Science problems using

616	NUMERICAL SOLUTION OF	DEHD0201	2017	Skill- To develop the knowledge of numerical solution of Basic Hydrodynamics Problems
617	COMMUNICATIVE ENGLISH AND	BSMA2001	2017	skill- Effective oral and written communication
618	FORTTRAN-95 PROGRAMME	BSMA2002	2017	skill- Learn fundamental concepts of FORTTRAN-95 and able to translate scientific
619	MAT LAB	BSMA2003	2017	skill- Write systems of equations in matrix form
620	Microbiology	MSBO1101	2017	Higher studies/Employability- Students learn on preparation and sterilization of media,
621	Plant Diversity	MSBO1102	2017	Higher studies/Skill-Pursue higher studies and enhance their skill on culture,
622	Cell Biology	MSBO1103	2017	Employability-Perform comparative karyotypic analysis, techniques like
623	Plant Ecology	MSBO1104	2017	Employability-Practical on biodiversity measurement by different indices,
624	Botany Laboratory-I	MSBO1105	2017	Employability/Skill-Acquire general idea on instruments used in microbiology laboratory
625	Genetics and Molecular Biology	MSBO1201	2017	Higher studies/Skill- Students can isolate plant DNA & quantification of extracted DNA
626	Plant Physiology, Metabolism, and	MSBO1202	2017	Employability- Practicals on study of principles of spectrophotometer &
627	Biostatistics and Instrumentation	MSBO1203	2017	Skill-Hand on practice on different tool like PAGE, XRF, chromatography, spectroscopy
628	Environmental Pollution and	MSBO1204	2017	Employability-Testing water and soil quality,practicals on Phytoremediation and
629	Botany Laboratory-II	MSBO1205	2017	Skill-Gain practical knowledge on molecular biology, physio and biochemical analysis;
630	Systematics and Pathology	MSBO2301	2017	Employability-Identification of plants, plant diseases and control measures
631	Natural Resource Management and	MSBO2302	2017	Skill/ Employability- Bioresource management.
632	Embryology and Anatomy	MSBO2303	2017	Skill-Gain practical knowledge on anatomical identifications of plant parts
633	Techniques of Tissue Culture	MSBO2304	2017	Entrepreneurship- Practicle on Production of synthetic seeds, Techniques of surface
634	Botany Laboratory-III	MSBO2305	2017	Skill-Acquire practical knowledge on economic crops; learn media preparation
635	Scientific visit	MSBP2301	2017	Skill- Observe and get knowledge on various fields of research in science in different
636	Plant Biotechnology and Bioinformatics	MSBO2401	2017	Entrepreneurship/Employability- Practicle on Production of synthetic seeds, Techniques of
637	Eco toxicology & Waste Management	MSBO2402	2017	Employability-Practicle on E-waste management, smart waste management;
638	Microbial Technology &Physiology	MSBO2403	2017	Employability-Perform fermentation technology, Food processing technology

639	Project/Dissertation	MSBP2401	2017	Employability- Problem analysis by opting the project work, findings and presentation
640	Seminar	MSBS2401	2017	Skill-Build up confidence to present their research paper in Conferences/Seminars
641	Bio-fertilizer	MSLS1001	2017	Skill- Isolation of Rhizobium or Azotobacter from plant root nodules& rhizosphere,
642	Tools and Techniques in Biosciences	MSLS1002	2017	Skill-Hand on practice on different tool like PAGE, XRF, chromatography, spectroscopy
643	Phytochemistry and Pharmacognosy	MSLS1003	2017	Skill- Practice oh phytopharma, plant based drug discovery and secondary metabolite
644	Apiculture	MSLS1004	2017	Skill- Study of chamber of honey box, honey bee culture..Honey extraction and analysis of
645	Medical Diagnostics	MSLS1005	2017	Skill-Perform experiment on stool ,sputum and semen ,urine, blood analysis and and
646	Animal Diversity	MSZO1101	2017	Skill - Protozoan parasites in brief (Trypanosome, Plasmodium), Canal system
647	Biosystematics and Taxonomy	MSZO1102	2017	Employability - . History of Classification Trends in biosystematics: Chemotaxonomy
648	Cell & Molecular Biology	MSZO1103	2017	Employability - CellSignaling: Signalling molecules and signal receptors, second
649	Biochemistry	MSZO1104	2017	Employability - Carbohydrate metabolism: Glycolysis, TCA cycle, pentose-phosphate
650	Zoology Laboratory-I	MSZO1105	2017	Skill - 1. Study of Museum Specimen 2. Preparation & mounting of Microscopic
651	Comparative Anatomy of vertebrates	MSZO1201	2017	Skill - Comparative account of respiratory organs.Comparative account of Digestive
652	Microbiology	MSZO1202	2017	Skill - General features of Archaea, Structure, Nutrition and Reproduction of Eubacteria,
653	Genetics	MSZO1203	2017	Skill - Sex chromosomes, Chromosomal sex determination: XX-XY, XX-XO and ZZ-ZW
654	Immunology and Cancer Biology	MSZO1204	2017	Employability - Antigen – Antibody interaction (Antibody affinity, Radial and
655	Zoology Laboratory-II	MSZO1205	2017	Skill - 1. Study of Museum Specimen 2. Study of anatomical slides
656	Physiology & Endocrinology	MSZO2301	2017	Skill - The heart: cardiac cycle & its regulation, pulmonary ventilation,
657	Animal Biotechnology	MSZO2302	2017	Skill - Animal cell and tissue culture technology: Cell culture laboratory design
658	Ecotoxicology	MSZO2303	2017	Employability - Productivity, Production and analysis.Recycling and reuse technologies for
659	Quantitative Biology & wild life	MSZO2304	2017	Skill - Biodiversity: concept and principal of biodiversity, causes for the loss of
660	Zoology Laboratory-III	MSZO2305	2017	Skill - 1. Study of T.S,V.S,L.S of different mammalian organ
661	Developmental Biology	MSZO2401	2017	Skill - Primordial germ cells, Spermatogenesis, Oogenesis, Fertilization:

662	Instrumentation & Biophysics	MSZO2402	2017	Skill - Principle of operation and Instrumentation of Light, Fluorescence and
663	Environment and Pollution	MSZO2403	2017	Employability - biomass production, biotechnology for generation of biogas ,
664	English	BSFL1101	2016	Skill - Communication, Communicative Grammar, Sounds of English
665	Environmental Science	FCBS0101	2016	Employability - Environmental Science
666	Mathematical Physics-1	BSPH1101	2016	Skill - Practice using programming in C.
667	Mechanics	BSPH1102	2016	Skill - Mechanics Lab
668	Thermal Physics	BSPH1201	2016	Employability - Laws of Thermodynamics, Carnot engine & efficiency. Carnot's
669	Waves and optics	BSPH1202	2016	Employability - Interferometer, Diffraction grating. Resolving power of grating, Fresnel's
670	Mathematical Physics II	BSPH2301	2017	Skill - Practice using Scilab leads to computational skill.
671	Electricity and Magnetism	BSPH2302	2017	Employability - Magnetic Properties of Matter, Magnetization, Electromagnetic
672	Analog systems and Applications	BSPH2303	2017	Employability - Semiconductor Diodes, Two-terminal Devices and their Application,
673	Mathematical Physics III	BSPH2401	2017	Skill - Develop the skill of solving mathematical problems using Scilab.
674	Elements of Modern Physics	BSPH2402	2017	Employability - Radioactivity, Fission and Fusion, Lasers.
675	Digital systems and Applications	BSPH2403	2017	Employability - CRO uses, Integrated Circuits, Digital Circuits, Data processing circuit,
676	Quantum Mechanics & Applications	BSPH3501	2017	Employability - Schrodinger equation and its solution, its application, hydrogen-like
677	Solid State Physics	BSPH3502	2017	Employability - Magnetic properties of materials, dielectric properties of materials,
678	Electro-magnetic Theory	BSPH3601	2017	Skill - Electromagnetic lab.
679	Statistical Mechanics	BSPH3602	2017	Skill - Learn to solve statistical physics problems through computational methods
680	Experimental Techniques	BSPH3503	2017	Employability - Experiments are done on, Thermostat, ultrasonic transducer, Calibrate
681	Embedded systems- Introduction to	BSPH3504	2017	Employability - Embedded system, microprocessors, 8051 microcontroller, 8051
682	Physics of Devices and Communication	BSPH3505	2017	Employability - Physics of Devices, Power supply and Filters, Phase detector ,
683	Advanced Mathematical Physics-	BSPH3506	2017	Skill - Advanced Mathematical Physics lab
684	Advanced Mathematical Physics-	BSPH3507	2017	Employability - Enterprenuership -

685	Classical Dynamics	BSPH3508	2017	Employability - Small amplitude oscillations, special theory of relativity, tensors, fluid
686	Applied Dynamics	BSPH3603	2017	Employability - Dynamical systems, Chaos and Fractals, Fluid Dynamic
687	Communication System	BSPH3604	2017	Employability - Communication and Navigation systems, Satellite
688	Nuclear and Particle Physics	BSPH3605	2017	Employability - Nuclear Models, Radioactivity decay, Nuclear Reactions,
689	Astronomy and Astrophysics	BSPH3606	2017	Employability - Astronomy and Astrophysics Skill - Astronomical Scales, Astronomical
690	Dissertation	BSPH3607	2017	Employability - Project work Skill - Project work
691	Physics Workshop Skills	BSPH2001	2017	Skill - Experiments are done to learn different measurement methods, different
692	Computational Physics Skills	BSPH2002	2017	Skill - Programming using FORTRAN
693	Electrical circuits and Network Skills	BSPH2003	2017	Skill - Experiments done to understand and analyse circuits and networks, to design
694	Basic Instrumentation Skills	BSPH2004	2017	Skill - Designing and implementing systems utilizing analog / digital control devices and
695	Applied Optics	BSPH2005	2017	Skill - Learning about different light sources, detectors, holography and photonics.
696	Inorganic chemistry-I	BSCH1101	2018	Skill- Wave mechanics and Inorganic Chemistry-I Lab , enterperneurship-Atomic
697	Physical Chemistry-I	BSCH1102	2018	Employability-Gaseous state 1 &2 ,enterperneurship-Liquid state:,gaseous
698	Organic Chemistry-I	BSCH1201	2018	Employability-Basics of Organic Chemistry,Stereochemistry,Chemistry of
699	Physical Chemistry-II	BSCH1202	2018	Employability-Chemical Thermodynamics,Second Law of
700	Inorganic chemistry-II	BSCH2301	2018	Skill-General Principles of Metallurgy-1,- Inorganic Chemistry Practice. Employability-
701	Organic Chemistry-II	BSCH2302	2018	Employability-Chemistry of Halogenated Hydrocarbons-1&2, Organometallic
702	Physical Chemistry-III	BSCH2303	2018	Employability-Phase Equilibria-1 &2, Chemical Kinetics-2,Catalysis,Surface chemistry. Skill-
703	Inorganic Chemistry-III	BSCH2401	2018	Employability-Coordination Chemistry-1&2,Transition Elements,Lanthanoids and
704	Organic Chemistry-III	BSCH2402	2018	Employability-Nitrogen Containing Functional Groups,Heterocyclic Compounds-1&2
705	Physical Chemistry-IV	BSCH2403	2018	Employability-Electrical & Magnetic Properties of Atoms and Moleculesand
706	Organic Chemistry-IV	BSCH3501	2018	Employability-Nucleic Acids,Amino Acids,Peptides,Enzymes,for transfer of
707	Physical Chemistry-V	BSCH3502	2018	Employability-Molecular Spectroscopy,Raman spectroscopy,Nuclear Magnetic Resonance

708	Inorganic Chemistry-IV	BSCH3601	2018	Employability-General methods of preparation of mono and binuclear
709	Organic Chemistry-V	BSCH3602	2018	Employability-Organic Spectroscopy,Carbohydrates,Dyes,Metalloce
710	Industrial Chemicals and Environment	BSCH3503	2018	Employability-Industrial Gases and Inorganic Chemicals,Inorganic Chemicals,Energy &
711	Inorganic Materials of Industrial Importance	BSCH3504	2018	Employability-Glass,Ceramics,Fertilizers,Surface
712	Research Methodology for	BSCH3603	2018	Skill-Methods of Scientific Research and Writing Scientific Papers-II,Chemical Safety
713	Instrumental Methods of Chemical Analysis	BSCH3604	2018	Skill-Introduction to spectroscopic methods of analysis,Molecular
714	Basic Pharmaceutical Chemistry	BSCH2001	2018	Skill-Drugs & Pharmaceuticals,practice
715	Analytical Clinical Biochemistry	BSCH2002	2018	Skill-Basic understanding of Carbohydrates,Blood and Urine , practice
716	Green Methods in Chemistry	BSCH2003	2018	Skill-Green Chemistry lab
717	Basic Analytical Chemistry	BSCH2004	2018	Skill-Analysis of soil,Analysis of food products,
718	Calculus	BSMA1101	2017	Skill- Lab work to be performed on a Computer
719	Linear Algebra	BSMA1102	2017	Skill –To gain the knowledge on MATLAB and uses in algebra.
720	Ordinary Differential Equations	BSMA1202	2017	Skill –To understand solving Free Undamped Motion of a Spring System using Python and
721	Numerical Analysis	BSMA2401	2017	Skill – Numerical Solution of different linear and non-linear equations using software.
722	Complex Analysis	BSMA3501	2017	Skill –Learn the Plotting of complex functions using Matlab
723	Discrete Mathematical	BSMA3602	2017	Skill –To work with different types of Sets, Lattices and Boolean Algebra using Python
724	Linear Programming	BSMA3601	2017	Skill - To demonstration of the utilization of Linear Programming Problems in industry
725	Analysis-I	BSMA1201	2017	Skill- In much of analysis, the emphasis is not on finding explicit solutions to specific
726	Analysis-II	BSMA2301	2017	Skill - To describe various theorems about Riemann sums and Riemann integrals and
727	Modern Algebra	BSMA2302	2017	Skill - To introduce students to the language and precision of modern algebra
728	Partial Differential Equations and System	BSMA2303	2017	Skill - Introduce students to how to solve linear Partial Differential Equations with
729	Advanced Analysis	BSMA2402	2017	Skill - Construct rigorous mathematical proofs of basic results in real analysis;
730	Programming in C	BSMA2403	2017	Skill - To understand advanced concepts of C such as Arrays, Strings, functions pointers

731	Probability and Statistics	BSMA3502	2017	Skill- To apply probability and statistics in engineering and science like disease
732	Tools and Techniques in Bioscience	BSLS2005	2017	Skill-Hand on practice on different tool like PAGE, XRF, chromatography, spectroscopy
733	Vermi composting	BSLS2006	2017	Skill-Preparation of Nursery bed of earthworm, preparation of Slurry and
734	Food processing	BSLS2007	2017	Skill- Analysis of nutritional value, isolation and purification of essential oil and pigments.
735	Mushroom cultivation	BSLS2008	2017	Skill- Nutritional and medicinal value of edible mushrooms.
736	Plant tissue culture	BSLS2009	2017	Skill- Isolation of Explants; Establishment and Maintenance of Callus and media
737	Nursery and gardening	BSLS2010	2017	Skill- Vegetative propagation: air-layering, cutting and selection of cutting, Gardening:
738	Medicinal Botany	DEHB0401	2017	Skill- Perform practicals on medicinal plants identification, isolation of phytochemicals.
739	Traditional Botany and Phytochemistry	DEHB0402	2017	Skill- Students can easily identify and classify plants, prepared and deposited herbarium,
740	Advance Pharmacognosy	DEHB0403	2017	Skill- Practice on phytopharmaceuticals, plant based drug discovery and secondary metabolite
741	Standardization and Quality Control of ASU	DEHB0404	2017	Skill- Verify the quality and nutritional values of plant based nutrients and herbal
742	Fundamentals of Industrial	DEFM0401	2017	Skill- Isolation and pure culture of bacterial, use of microbes in industry. Study enzyme
743	Basic Microbial Techniques	DEFM0402	2017	Skill- Handling of microscope, identification of bacteria and culture
744	Food Microbiology	DEFM0403	2017	Skill-Alkaline phosphatase test to check the efficiency of pasteurization of milk. Isolation
745	Quality Assurance in Food Preservation	DEFM0404	2017	Skill- drying, refrigeration, and fermentation. Modern methods include canning,
746	Non-Chordates-I	BSZO1101	2017	Employability- Porifera: General characteristics and Classification up to
747	Principles of Ecology	BSZO1102	2017	Employability- Population: Unitary and Modular populations Unique and group
748	Non-Chordate II	BSZO1201	2017	Employability - General characteristics and Classification up to classes, General
749	Cell Biology	BSZO1202	2017	Employability - Structure of Nucleus: Nuclear envelope, Nuclear pore complex, Nucleolus,
750	Diversity of Chordates	BSZO2301	2017	Employability - General characteristics and classification of cyclostomes up to class,
751	Animal Physiology: Controlling and	BSZO2302	2017	Employability - Histology of endocrine glands - pineal, pituitary, thyroid, parathyroid,
752	Fundamentals Of Biochemistry	BSZO2303	2017	Employability - Enzymes: Nomenclature and classification; Cofactors; Specificity of
753	Comparative Anatomy of Vertebrates	BSZO2401	2017	Employability - • Study of placoid, cycloid and ctenoid scales through permanent

754	Animal Physiology: Life Sustaining	BSZO2402	2017	Employability - Cardiac cycle; Cardiac output and its regulation, Frank-Starling Law of the
755	Biochemistry of Metabolic Processes	BSZO2403	2017	Employability - Sequence of reactions and regulation of glycolysis, Citric acid cycle,
756	Molecular Biology	BSZO3501	2017	Employability - Ribosome structure and assembly in prokaryotes, fidelity of protein
757	Principles of Genetics	BSZO3502	2017	Employability - Types of chromosomal aberrations (Classification, figures and
758	Developmental Biology	BSZO3601	2017	Employability - Regeneration: Modes of regeneration, epimorphosis, morphallaxis
759	Evolutionary Biology	BSZO3602	2017	Employability - Hardy-Weinberg Law (statement and derivation of equation,
760	Animal Biotechnology	BSZO3503	2017	Entrepreneurship - Molecular Techniques in Gene manipulation, Cloning vectors:
761	Fish and Fisheries	BSZO3504	2017	Entrepreneurship- Sustainable Aquaculture; Extensive, semi-
762	Immunology	BSZO3603	2017	Employability - Immunoglobulins : Structure and functions of different classes of
763	Parasitology	BSZO3604	2017	Employability- Study of Morphology, Life Cycle, Prevalence,
764	Techniques in Bio fertilizers	BSLS2001	2017	Employability- - Methods of Biocompost, 9. Methods of vermicomposting, 10. Field
765	Skill in Apiculture (SEC-1)	BSLS2002	2017	Entrepreneurship-Cultivation of bees and honey harvesting techniques and
766	Herbal Technology	BSLS2003	2017	Skill - Collection of wild herbs and their herbarium preparation
767	Techniques in Medical Diagnostics	BSLS2004	2017	Employability- Study of D.L.C (Differential Leucocyte Count) using Leishman's stain., 3.
768	Fundamentals of Agronomy	ASAG1101	2018	Understanding the tools of agronomy and their application in crop production: skill
769	Fundamentals of Genetics	ASPG1101	2018	Application of genetic principles in plant breeding:employability& skill dev.
770	Fundamentals of Soil Science	ASAC1101	2018	Understanding the theory of soil science and its characteristics :employability.
771	Fundamentals of Horticulture	ASHO1101	2018	Understanding the fundamentals of various aspects of horticulture crops :employability
772	Fundamentals of Plant Pathology	ASPP1101	2018	Understanding the fundamentals of plant disease causing organisms and their
773	Rural Sociology & Educational	ASEE1102	2018	Learning the basic concepts of rural sociology and psychology for its application
774	Soil and Water Conservation	ASAE1101	2018	Understanding about the principles of soil water conservation:employability
775	NSS/NCC/Physical Education & Yoga	ASPE1101	2018	Understanding and application of different yoga asanas and pranayama techniques for
776	Irrigation water management	ASAG1206	2018	Understands the practices of water management and its application in irrigation

777	Production Technology for	ASHO1203	2018	Understanding the different methods i.e. seed treatment and vegetative propagation
778	Fundamentals of Entomology –I (Insect	ASEN1201	2018	Understanding the basic principles of morphology of different plant disease
779	Fundamentals of Agricultural Extension	ASEE1201	2018	Learning about the latest extension methods i.e. audio-visual aids, field demonstration:
780	Farm Machinery and Power	ASAE1202	2018	Learning about latest machines used in crop production: employability
781	Crop Production Technology – I	ASAG2103	2018	Developing skills i.e. field management, cultural practices, disease and pest
782	Fundamentals of Plant Breeding	ASPG2103	2018	Understand the basic methods of plant breeding i.e. emasculation and crossing : Skill
783	Fundamentals of Entomology- II (Insect	ASEN2102	2018	Understanding the basic principles of morphology of different plant disease
784	Weed management	ASAG2105	2018	Identification of Weeds and its management in different crops : employability
785	Production technology of fruits	ASHO2102	2018	Understanding the different methods i.e. grafting, budding and layering for production
786	Agricultural Informatics	ASAI2101	2018	To disseminate, capture, access information to achieve sustainable use of agricultural
787	Communication skills and personality	ASEE2104	2018	Develop knowledge of english communication through presentation,
788	Crop Production Technology –II (Oil	ASAG2204	2018	Developing skills i.e. field management, cultural practices, disease and pest
789	Production Technology for	ASHO2204	2018	To gain expertise in production of ornamental crops and landscaping :
790	Manures, Fertilizers and Soil Fertility	ASAC2202	2018	Understanding the manures and fertilizer and its application: skill and employability.
791	Fundamentals of Plant Biotechnology	ASPB2201	2018	Understanding and learning about the methods of plant biotechnology i.e. DNA
792	Rain-fed Agriculture & Watershed	ASAG2211	2018	Understanding the methods of rainwater harvesting and groundwater rechargement
793	Principles of seed technology	ASPG2202	2018	Gaining knowledge in seed storage, certification and marketing ways:
794	Diseases of Field and Horticultural Crops	ASPP2202	2018	Identification and management of diseases of field crops :employability
795	Food safety and Standards	ASFE2201	2018	Understanding the different food safety principles i.e. pasturization, canning etc: Skill
796	Principles and practices of weed	MAAG 1102*	2017	Skill development: Identification of different weeds and their control which in turn would
797	Principles and practices of water	MAAG 1103*	2017	Skill development: The students can learn about judicious water management using
798	Agronomy of major cereals and pulses	MAAG 1204*	2017	Skill development: Students gain an insight into the different package and practices for
799	Agronomy of oilseed, fibre and sugar crops	MAAG 1205*	2017	Skill development: Students gain an insight into the different package and practices for

800	Cropping systems and sustainable	MAAG 1206*	2017	Skill development: The students acquire knowledge about different cropping systems
801	Dry land farming and watershed	MAAG2107*	2017	Skill development: On the basis of climatic situations, students will learn raising of
802	Master's seminar	MAAG1291*	2017	To exploit newly evolved research techniques for enhancing the traits in
803	Master's Research	MAAG2199*	2017	Research: To carry out activities using newly developed techniques for enhancing the
804	Soil fertility and fertilizer use	MASA1101	2017	Skill development: Students gain knowledge on the application of fertilizers and soil
805	Management of problem soils and	MASA1202	2017	Skill development: students study different methods for the reclamation of problematic
806	Statistical methods for applied sciences	MAST 2102	2017	Skill: To exploit various statistical tools as well as techniques to compile raw data for
807	Experimental designs	MAST 1201	2017	The students can analyze the data of field experiments and interpret the same in the
808	Library and information services	MALI1101	2017	Skill development: To gain knowledge on the utilization of library resources for the rsearch
809	Technical writing and communication	MACS1101	2017	Skill development: learn the style and skill of writing technical papers
810	Intellectual property and its management	MAIP 1201	2017	Employability and Skill development: students get an overall idea of IPR and their
811	Basic concepts in laboratory techniques	MALT1201	2017	Skill: students do learn the usage of different laboratory equipments along with the
812	Agricultural research, research ethics and	MAAR2101	2017	Employability and Skill development: Acquire knowledge for research ethics and
813	Production technology of cool	MAVS 1101*	2017	Skill: The students can train others as well as the knowledge can be implemented for
814	Production technology of warm	MAVS 1102*	2017	Skill: The students can train others as well as the knowledge can be implemented for
815	Breeding of vegetable crops	MAVS 1103*	2017	Research: can carry out research to generate new varieties further leading to
816	Production technology of under	MAVS 1205*	2017	Entrepreneurship and research to conserve the fading races thereby promoting the
817	Seed production technology of	MAVS 2106*	2017	Entrepreneurship, skill and research: Development of quality seeds and planting
818	Fundamentals of processing of	MAVS 2108*	2017	Entrepreneurship and skill: To utilize the knowledge in various processing units
819	Post harvest technology for fruit	MAFS1205	2017	Entrepreneurship and skill
820	Principles of plant breeding	MAGP1103	2017	Research: can carry out research to generate new varieties which further lead to
821	Principles and practices of water	MAAG1103	2017	Skill and research: To learn the judicious utilization of water during various
822	Principles of genetics	MAGP 1101*	2017	Practical skills and concepts leading to research to generate high yielding varieties.

823	Principles of cytogenetic	MAGP 1102*	2017	Practical skills and concepts leading to entrepreneurship and research to generate
824	Principles of plant breeding	MAGP 1103*	2017	Technical skills leading to research
825	Principles of quantitative genetics	MAGP 1204*	2017	Technical Skills leading to research in quantitative genetics
826	Heterosis breeding	MAGP2107	2017	expertise leading to research in breeding .
827	Biotechnology for crop improvement	MAGP 1206*	2017	Research and skill: To raise new crop varieties using the tools of molecular biology
828	Principles of biotechnology	MAMB1101	2017	Learn the tools and techniques of biotechnology and its applications
829	Techniques in molecular biology I	MAMB1205	2017	Skill: Students learn the techniques of molecular biology and further carry out
830	Genomics and proteomics	MAMB 2110	2017	Research and entrepreneurship: The tools and techniques of both the sciences help the
831	Development perspectives of	MAEX1101*	2017	Employability: Some concepts in this course and the rural development programs can
832	Development communication and	MAEX1102*	2017	Skill and research: students can learn the skills and involve in research activities
833	Diffusion and adoption of	MAEX1103*	2017	Research: Students can carry out research on adoption and diffusion of innovations
834	Gender sensitization for development	MAEX1105*	2017	Research and employability: provide them an opportunity to work in sectors relating to
835	Research methods in behavioral sciences	MAEX 1206*	2017	Students get an opportunity to learn the basic concepts of research
836	e-Extension	MAEX 1207*	2017	Skill: Students can learn the usage of various tools related to ICT activities and further
837	Market led extension management	MAEX 1208*	2017	Entrepreneurship: students can learn the marketing and entrepreneurial skills
838	Human Resource Development	MAEX 2109*	2017	Skill: Students can learn the skills of studying human behaviour leading the management
839	Agricultural Marketing & Price Analysis	MAAE 1201	2017	Entrepreneurship: students can learn the marketing skills and serve as entrepreneurs
840	Agricultural Finance and Project	MAAE 2102	2017	Entrepreneurship and research: Students can learn the basic concepts of agricultural
841	Statistical methods for social sciences	MAST 1203	2017	Skill: Students can learn the usage of different stastical tools that in turn would
842	Non-Parametrics	MAST 2104	2017	Skill: Students can learn the usage of different non parametrics such as descriptive
843	Participatory methods for technology	MAEX1104	2017	Skill and employability: students can learn the basic concepts of participatory
844	Entrepreneurship Development and	MAEX2110	2017	Entrepreneurship: Students do learn the entrepreneurial skills which ultimately
845	Taxonomy of Shellfish	FSRM1102	2017	Gain knowledge about the morphometric and meristic character of shellfish for

846	Fish Food Organisms	FSAQ2109	2017	Learn and practice the nutritional requirements of fish/shellfish larvae and
847	Aquatic Ecology, Biodiversity and	FSEM2106	2017	Study the coastal resources, integrated coastal zone management strategies to
848	Freezing Technology	FSPT2103	2017	Understanding the different types of low temperature preservation, handling, storage
849	Genetics and Breeding	FSAQ2111	2017	Gain knowledge on genetic basis of inheritance and breeding plans for
850	Fish Immunology	FSHM2106	2017	Study the types of immunity, antigen-antibody interactions and learn the
851	Fisheries Economics	FSEE2102	2017	Learning the interface between economics and effective management decisions for
852	Coastal Aquaculture and Mariculture	FSAQ2204	2017	To gain knowledge in establishing and managing different fish/shellfish farming
853	Fish Nutrition and Feed Technology	FSAQ2208	2017	Practical knowledge of feed formulation and different feed processing techniques and
854	Fish Packaging Technology	FSPT2205	2017	Learn the different types of packaging, importance of packaging in fish processing,
855	Fish and Shellfish Pathology	FSHM2201	2017	Study fish and shellfish pathogens, their control measures and treatments.
856	Fishing Craft Technology	FSFE2203	2017	Study the operation of various types of traditional and mechanised fishing craft,
857	Fisheries Extension Education	FSEE2207	2017	Acquire skills required to practice various fisheries extension approaches, the transfer
858	Shellfish Hatchery Management	FSAQ2206	2017	Practical skills of seed production and hatchery management of commercially
859	Communication Skills and Personality	FSEE2208	2017	Students will improve interpersonal skills, active listening and responding skills,
860	Introduction to Forensics, Psychology,	MSFS1101	2017	Skill : Student will gain knowledge of Laws, Assessment of Deception and Statistical
861	Instrumental Techniques	MSFS1102	2017	Skill : Student learn working principle and instrumentation of instruments such as UV,
862	Crime Scene Management and	MSFS1103	2017	Skill & Employability : Skill to reconstruct crime scene. Student process the simulated
863	Finger prints and Questioned	MSFS1104	2017	Skill, Employability & Entrepreneurship, : Student learn about latent fingerprints and
864	Instrumental Techniques	MSFS1105	2017	Skill & Employability: Student perform experiments on UV absorption of
865	Crime Scene Management and	MSFS1106	2017	Skill & Employability : Student perform density gradient analysis of soil samples,
866	Finger prints and Questioned	MSFS1107	2017	Skill & Employability: Student examines and identify sinature and handwriting forgeries,
867	Quality Management, Narcotic Drugs,	MSFS1201	2017	Skill : Student learn about nature, types, collection & packaging of evidences like
868	Forensic Biology and Forensic Medicine	MSFS1202	2017	Skill : Student gains knowledge about basics of Human Anatomy, Physiology & Forensic

869	Forensic Serology and DNA Profiling	MSFS1203	2017	Skill & Employability : Students learn about different ways to detect the presence of
870	Forensic Toxicology and Pharmacology	MSFS1204	2017	Skill & Employability, : Student learn about techniques used to isolate and Extract
871	Forensic Ballistics and Computer Forensics	MSFS1205	2017	Skill & Employability : Student gains knowledge about various aspects of
872	Quality Management, Narcotic Drugs,	MSFS1206	2017	Skill : Student learn and perform examination of NDPS drugs and controlled
873	Forensic Biology and Forensic Medicine	MSFS1207	2017	Skill : Student gains knowledge about basics of Human Anatomy, Physiology & Forensic
874	Forensic Serology and DNA Profiling	MSFS1208	2017	Skill & Employability : Students perform experiments to detect the presence of
875	Forensic Toxicology and Pharmacology	MSFS1209	2017	Skill & Employability, : Student isolate and Extract poisons\ Drugs from samples and
876	Forensic Ballistics and Computer Forensics	MSFS1210	2017	Skill & Employability : Student also perform instrumental analysis of GSR & examines
877	Pharmacology and Pharmaceutical Drug	MSFS2101	2017	Employability : Students learn about basic principles of pharmacology,
878	Concepts of Toxicology	MSFS2102	2017	Skill & Employability, : Students gains basic knowledge about disposition and
879	Modern and Applied Analytical Forensic	MSFS2103	2017	Skill & Employability : Student learns about basic concepts of forensic nuclear chemistry,
880	Pharmacology and Pharmaceutical Drug	MSFS2104	2017	Skill & Employability : Students do qualitative and quantitative analysis of
881	Concepts of Toxicology Laboratory	MSFS2105	2017	Skill & Employability, : Students do analysis of various poison such as metallic poison,
882	Modern and Applied Analytical Forensic	MSFS2106	2017	Skill & Employability : Student performs analysis of Various Cases in Forensic
883	Assignment	MSFS2107	2017	Skill : Student study various cases where forensic science played significant role in
884	Seminar	MSFS2108	2017	Skill : Student takes up cases and topics relevant to their specialization subjects and
885	Advances in Physical Techniques	MSFS2121	2017	Employability : Student gains knowledge about thermal analysis and different
886	Concepts of Conventional and	MSFS2122	2017	Employability : student gains knowledge about operational features of firearms,
887	Audio Recognition and Video Analysis	MSFS2123	2017	Employability : Student gains knowledge about basic concepts of voice recognition,
888	Advances in Physical Techniques	MSFS2124	2017	Skill & Employability : Students perform examination of evidences by EDXRF,
889	Concepts of Conventional and	MSFS2125	2017	Skill & Employability : Students perform examination of barrel wash, analysis of GSR
890	Audio Recognition and Video Analysis	MSFS2126	2017	Skill & employability : Students record, edit & process audi files using goldwave
891	General Microbiology	MSCM1101	2016	Functions of cell organelles in microorganisms; Growth of microorganisms:

892	Human Anatomy & Physiology	MSCM1102	2016	Gross anatomy of human body and detailed physiology: Employability
893	Biomolecules	MSCM1103	2016	Metabolism of Carbohydrates, Lipids, Proteins, Nucleic acid: Employability
894	Analytical Techniques	MSCM1104	2016	Understanding the working principle of Common instruments used in a diagnostic
895	Basic Microbiology Lab	MSCM1105	2016	Techniques for staining microorganisms, isolating and culturing microorganisms: Skill
896	Business Communication	FCHU0203	2016	Enhancement of basic language skills, i.e., listening, speaking, reading and writing: Skill
897	Systemic Bacteriology	MSCM1201	2016	Understanding the Morphological identification, pathogenesis, laboratory
898	Molecular Biology & Clinical Biochemistry	MSCM1202	2016	Understanding the central dogma of life, Metabolic disorders and diagnostic
899	Medical Parasitology & Mycology	MSCM1203	2016	Clinical features of important parasites, protozoans, fungi: Skill dev. & Employability
900	Applied Microbiology	MSCM1204	2016	Microscopic analysis of specimen collected: Skill dev. & Enterpreunership
901	Bacteriology, Parasitology &	MSCM1205	2016	Pathological investigations of urine, stool and other biological specimen; Culture for
902	Immunology & Virology	MSCM2301	2017	Clinically relevant serological analysis; Clinically significant virus: Skill dev. &
903	Diagnostic Bacteriology	MSCM2302	2017	Diagnosis of bacteria from infective regions of the body: Skill dev and Employability
904	Biochemistry	MSCM2303	2017	Concepts of Carbohydrates, proteins, lipids and their metabolism: Skill dev and
905	Histology	MSCM2304	2017	Concept of about Histotechnology; fixation in histopathology lab: Skill dev and
906	Research Methodology	MSCM2305	2017	Concept of Research design, data collection, sampling, report writing: Skill Dev
907	Communicative Practice Laboratory- II	FCHU0204	2017	Effectiveness in participation in group discussion and job interviews: Skill dev. And
908	Immunology, Histopathology &	MSCM2306	2017	Performing immunological/ serological tests and their interpretation: Skill dev and
909	Project	MSCM2401	2017	Working on a disease/ disorder specific assignment to fill the research gap in the
910	Internship	MSCM2402	2017	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
911	Medical Laboratory Technology	MSMT1101	2016	Clinical specimen collection, storage, disposal; record maintenance; Quality
912	Anatomy & Physiology	MSMT1102	2016	Concept and Scopes of anatomy & physiology: Employability
913	Hematology	MSMT1103	2016	Understanding of hematology laboratory; Hematological disorders: Enterpreunership
914	Medical Instrumentation and	MSMT1104	2016	Understanding the working principle of Common instruments used in a diagnostic

915	Hematology Lab	MSMT1105	2016	Performing various hematological tests: Skill and Employability and Enterpreunership
916	Medical Microbiology	MSMT1201	2016	Growth of microorganisms; Properties of viruses and fungi: Employability
917	Molecular Biology & Clinical Biochemistry	MSMT1202	2016	Understanding the central dogma of life, Metabolic disorders and diagnostic
918	Clinical pathology	MSMT1203	2016	Performing pathological investigations on human specimen: Skill dev. &
919	Blood Banking	MSMT1205	2016	Blood collection and transfusion techniques and possible errors associated with it: Skill
920	Clinical pathology & Microbiology Lab	MSMT1204	2016	Collection of blood, stool, body fluids and study their chemical and morphological
921	Immunology, Bacterial Serology &	MSMT2301	2017	Clinically relevant serological analysis; Clinically significant virus: Skill dev. &
922	Clinical Hematology	MSMT2302	2017	Quality assurance required in hematology; Examination of bone marrow: Skill dev and
923	Biochemistry	MSMT2303	2017	Concepts of Carbohydrates, proteins, lipids and their metabolism: Skill dev and
924	Histology	MSMT2304	2017	Concept of about Histotechnology; fixation in histopathology lab: Skill dev and
925	Research Methodology	MSMT2305	2017	Concept of Research design, data collection, sampling, report writing: Skill Dev
926	Immunology, Biochemistry &	MSMT2306	2017	Performing immunological/ serological tests and their interpretation: Skill dev and
927	Project	MSMT2401	2017	Working on a disease/ disorder specific assignment to fill the research gap in the
928	Internship	MSMT2402	2017	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
929	Introductory Cell Biology	BSCM1101	2017	Understanding the functions of cell organelles: Employability
930	Human Anatomy & Physiology	BSCM1102	2017	Gross anatomy of human body and detailed physiology: Employability
931	Basic Haematology	BSCM1103	2017	Carry out hematological investigations: Skill dev. & Employability & Enterpreunership
932	Instrumentation & Techniques	BSCM1104	2017	Understanding the working principle of Common instruments used in a diagnostic
933	Human Anatomy, Physiology &	BSCM1105	2017	Understanding the physiological aspects of growth and development of Human organs/
934	General Microbiology	BSCM1201	2017	Understanding the details of microbial cell organelles: Skill dev and Employability
935	Clinical Biochemistry	BSCM1202	2017	Understanding the concept of metabolism of carbohydrates, amino acids, lipids:
936	Clinical pathology & Diagnosis	BSCM1203	2017	Pathological investigations of urine, stool and other biological specimen: Skill dev. &
937	Clinical Pathology, Biochemistrty &	BSCM1204	2017	Performing pathological investigations on human specimen: Skill dev. &

938	Immunology	BSCM2301	2017	Understanding the concept of Innate & adaptive immune system; performing
939	Systemic Bacteriology	BSCM2302	2017	Understanding of morphology, pathogenesis, lab diagnosis on gram positive & negative
940	Molecular Biology	BSCM2303	2017	Basic techniques applicable in Molecular Biology: Skill dev and Employability
941	Systemic Virology & Mycology	BSCM2304	2017	Understanding the epidemiology, pathogenesis of viruses and fungi: Skill dev
942	Communicative Practice Laboratory- II	FCHU0202	2017	Effectiveness in participation in group discussion and job interviews: Skill dev. And
943	Bacteriology, Virology & Mycology Practical	BMCM2306	2017	Demonstration of serological technique in diagnostic virology, bacteriology; Isolation &
944	Public Health Microbiology	BSCM2401	2017	Understanding of role of microbiologist in public health: Employability
945	Pharmaceutical Microbiology	BSCM2402	2017	Understanding of types & synthesis of antimicrobial agents: Employability and
946	Industrial Microbiology	BSCM2403	2017	Understanding the significance of microbes in fermentation process & industrial
947	Biochemistry	BSCM2404	2017	Learning the principle of spectrophotometry, colometry, photometry and Clinical
948	Basic Computer & Information technique	BSCM2405	2017	Concept for Input & output device, Processor & memory, Word, excel, power
949	Industrial, Public Health Microbiology	BSCM2406	2017	Industrial visit to a fermentation factory; Isolation & identification of microorganisms
950	Introductory Biology	BSMT1101	2016	Understanding the functions of cell organelles: Employability
951	Basic Anatomy & Physiology	BSMT1102	2016	Gross anatomy of human body and detailed physiology: Employability
952	Basic Hematology	BSMT1103	2016	Carry out hematological investigations: Skill dev. & Employability & Enterpreunership
953	Basic Medical Instrumentation &	BSMT1104	2016	Understanding the working principle of Common instruments used in a diagnostic
954	Anatomy , Physiology & Hematology Lab	BSMT1105	2016	Understanding the physiological aspects of growth and development of Human organs/
955	Microbiology	BSMT1201	2016	Understanding the details of microbial cell organelles: Skill dev and Employability
956	Basic Biochemistry	BSMT1202	2016	Understanding the concept of metabolism of carbohydrates, amino acids, lipids:
957	Clinical pathology	BSMT1203	2016	Pathological investigations of urine, stool and other biological specimen: Skill dev. &
958	Clinical pathology Lab & Microbiology Lab	BSMT1204	2016	Performing pathological investigations on human specimen: Skill dev. &
959	Immunology	BSMT2301	2017	Understanding the concept of Innate & adaptive immune system; performing
960	Applied Hematology	BSMT2302	2017	Concept of Haemopoietic disorders, laboratory diagnosis of leukemia, hemolytic

961	Applied Biochemistry	BSMT2303	2017	Basic concept of Biochemistry; Employability
962	Basic Histology	BSMT2304	2017	Concept of Histotechnology, histopathology: Skill dev. & Employability & Enterpreunership
963	Immunology & Histology Lab	BSMT2305	2017	Performing Serological reactions: Skill and Employability
964	Parasitology	BSMT2401	2017	Understanding the life cycle and lab diagnosis of various clinically significant
965	Advance Biochemistry	BSMT2402	2017	Learning the principle of spectrophotometry, colometry, photometry and Clinical
966	Advanced Hematology	BSMT2403	2017	Understanding the lab diagnosis for Leukamoid reactions, DIC: Skill dev and
967	Biochemistry & Advanced	BSMT2406	2017	Analysis of urine and serum sample for biochemical parameters: Skill dev and
968	Transfusion Medicine	BSMT3501	2017	Blood product analysis and transfusion procedure: Skill dev and Employability
969	Medical Laboratory Management	BSMT3502	2017	Patient management and quality management: Employability &
970	Mycology and Virology	BSMT3506	2017	Study of culture of medically important fungi and virus: Employability
971	Project	BSMT3601	2017	Working on a disease/ disorder specific assignment to fill the research gap in the
972	Internship	BSMT3602	2017	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
973	Introductory Biology	BSRT1101	2016	Understanding the functions of cell organelles: Employability
974	Basic Anatomy	BSRT1102	2016	Gross anatomy of human body with emphasis to the skeletal organization:
975	Basic Physiology	BSRT1103	2016	Understanding the physiology and mechanisms of living things: Employability
976	Basic Radiation Physics	BSRT1104	2016	Understanding of the concept of Radiation in the study of human anatomy and disease
977	Basic Medical Instrumentation and	BSRT1105	2016	Understanding the working principle of Common instruments used in a diagnostic
978	Anatomy and Physiology lab	BSRT1106	2016	Understanding the physiological aspects of growth and development of Human organs/
979	Fundamental of Medical Imaging and	BSRT1201	2016	Understanding the basic concepts of xrays and their emission; ultrasound and
980	Basic Biochemistry	BSRT1202	2016	Understanding the concept of metabolism of carbohydrates, amino acids, lipids:
981	Equipments Of Radiotherapy	BSRT1203	2016	Conceptualization of linear accelarators, simulators, magnetrons and klestron:
982	Medical Imaging Lab - 1	BSRT1204	2016	Care and maintenance of x-ray equipment: Skill dev & Enterpreunership
983	Applied Radiation Physics and Radiation	BSRT2301	2017	Ability to understand the concept of Radioation in diagnosis and protection

984	Advance Radiographic Technique	BSRT2302	2017	Familiariation with the equipments of ultrasound, basic principle of ct scanning and
985	Special Radiographic Technique and	BSRT2303	2017	Understanding of special procedures and importance of contrast media: Skill dev. and
986	Basics Equipment's in Radiodiagnosis	BSRT2304	2017	Understanding of gamma rays and its use in radiography, magnetron and klestron: Skill
987	Medical Imaging Lab - 2	BSRT2305	2017	Performing radiographic positioning, application of contrast media, Darkroom
988	Radiotherapy and Brachy Therapy	BSRT2401	2017	Concept on treatment of cancer, dose limits for individuals: Skill dev and Employability
989	Applied Equipments Of Radio Diagnosis	BSRT2402	2017	Understanding of patient preparartion for general radiologic procedures, concepts on
990	Interventional Radiology & Drugs	BSRT2403	2017	Concept on use of anaesthesia in diagnostic radiology: Skill dev and Employability
991	Hospital posting Medical Imaging Lab -	BSRT2406	2017	Exposure to different hospitals, training of x-ray, CT and MRI: Skill dev. & Employability &
992	Basics of X-Ray and Digital X-Ray Imaging	BSRT3501	2017	Properties of x-ray, x-ray machines and application of portable xray: Skill dev and
993	Computerized Tomography (CT	BSRT3502	2017	Diagnosis of muscle and bone disorders, detecting conditions such as cancer, heart
994	Basics of Magnetic Resonance Imaging	BSRT3503	2017	Understanding of MRI scans of different organs: Skill dev and Employability
995	Orientation In Clinical Sciences	BSRT3505	2017	Understanding about different diseases and medicines: Employability
996	Medical Imaging Lab - IV	BSRT3506	2017	Access to CT, MRI and their indications: Skill dev. & Employability & Enterpreunership
997	Project	BSRT3601	2017	Working on a disease/ disorder specific assignment to fill the research gap in the
998	Internship	BSRT3602	2017	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
999	BASIC COMPUTER	BSOP1105	2015	Identifying the applications and use of computers: Skil and employability
1000	GENERAL PHYSIOLOGY	BSOP1103	2015	Understanding the physiological aspects of growth and development of Human organs/
1001	BASIC BIOCHEMISTRY	BSOP1104	2015	Gaining adequcy in the concept of metabolism of various macromolecules in
1002	BIOCHEMISTRY LAB	BSOL1102	2015	Gaining adequcy in the concept of metabolism of various macromolecules in
1003	GENERAL ANATOMY & PHYSIOLOGY LAB	BSOL1103	2015	Learning about basic structure and connections between the various parts of
1004	COMMUNICATIVE ENGLISH-I	FCHU0201	2015	Enhancement of basic language skills, i.e., listening, speaking, reading and writing: Skill
1005	PHYSICAL OPTICS	BSOP1204	2015	Predicting the distribution of light under various conditions: Employability
1006	OCULAR ANATOMY	BSOP1202	2015	Identifying the microscopic structures of various tissues in the eye and correlating the

1007	OCULAR PHYSIOLOGY	BSOP1203	2015	Elucidating the physiological aspects of normal growth and development of the eye:
1008	OPTICS LABORATORY-II	BSOL1201	2015	Predicting the distribution of light under various conditions: Skill and Employability
1009	ANATOMY & PHYSIOLOGY LAB	BSOL1202	2015	Learning about basic structures in eye and their integrative function: Skill dev &
1010	OCULAR MICROBIOLOGY AND	BSOP2301	2015	Understanding of how knowledge of pathological processes can be utilized in the
1011	OPYOMETRIC OPTICS I	BSOP2303	2015	Ability to measure the power of lens, lens centration using conventional techniques,
1012	CLINICAL EXAMINATION OF	BSOL2301	2015	Performing various clinical tests, their interpretation and finding: Skill dev. and
1013	CLINICAL OPTOMETRY-I	BSOL2302	2015	Measurement of lens power, lens centration using conventional techniques, transposition
1014	OCULAR DISEASES -I	BSOP2401	2015	Developing diagnostic approach towards management of the ocular diseases:
1015	OPTOMETRIC OPTICS II	BSOP2403	2015	Developing the art and science of dispensing spectacle lens and frames based on the glass
1016	BASIC AND OCULAR PHARMACOLOGY	BSOP2404	2015	Developing conceptual knowledge on the mechanism, indications, contraindications,
1017	OCULAR DISEASES II	BSOP2405	2015	Knowledge on course sequelae of ocular diseases, their diagnosis and management of
1018	CLINICAL OPTOMETRY II	BSOL2401	2015	To gain practical knowledge regarding Ocular Diseases, Visual Optics, Optometric Optics:
1019	BINOCULAR VISION & SQUINT	BSOP3501	2015	Binocular muscle coordination; Integration of motor and sensory system into binocular
1020	CONTACT LENSES	BSOP3502	2015	Understanding of the concepts of contact lenses: Employability
1021	LOW VISION AID	BSOP3503	2015	Training for Low Vision subjects with Low vision devices: Skill and Employability
1022	CONTACT LENS LABORATORY	BSOL3502	2015	Applying the concepts of contact lenses: Skill dev. & Employability
1023	OCULAR DISEASES LABORATORY II	BSOL3503	2015	Performing the basic workup for a patient in a hospital and clinic set up: Skill dev. and
1024	STATISTICS & OCCUPATIONAL	BSOP3601	2015	Interpretation and ability to prescribe suitable corrective lenses and eye protective
1025	PEDIATRIC & GERIATRIC	BSOP3602	2015	Ability to identify, investigate the age-related changes in the eyes: Skill dev. &
1026	SYSTEMIC DISEASES	BSOP3603	2015	Understanding of Ocular findings of the systemic conditions: Employability
1027	OPTOMETRIC INSTRUMENTS	BSOL3602	2015	Gaining practical skill in handling the advanced instruments in an Optometry Lab:
1028	PROJECT	BSOP4701	2015	Working on a disease/ disorder specific assignment to fill the research gap in the
1029	ORGANIZATIONAL BEHAVIOR	BSFE2401	2015	Understanding of Organizational behavior and conceptualization of foundations of

1030	Human Anatomy and Physiology I – Theory	BPHT1101	2017	Skill-Employability- Hand on practice on various clinical aspects of human physiology
1031	Pharmaceutical Analysis I – Theory	BPHT1102	2017	Skill-Employability-Use the techniques, skills, and modern pharmaceutical instruments
1032	Pharmaceutics I – Theory	BPHT1103	2017	Skill- Employability- Entrepreneurship - Understand the impact of pharmaceutical
1033	Pharmaceutical Inorganic Chemistry –	BPHT1104	2017	Skill- Employability- Students can prepare various Pharmaceutical dosage form
1034	Communication skills – Theory *	BPHT1105	2017	Skill- Students can improve their communication Skill
1035	Remedial Biology – Theory*	BPHT1106	2017	Employability- Apply knowledge of basic science and pharmacy
1036	Remedial Mathematics –	BPHT1107	2017	Employability- Apply knowledge of basic science and pharmacy
1037	Human Anatomy and Physiology – Practical	BPHL1101	2017	Skill-allows Students to verification of physiological processes discussed in theory
1038	Pharmaceutical Analysis I – Practical	BPHL1102	2017	Skill- Employability- Students can assay ,prepared and standarized various Heavy
1039	Pharmaceutics I – Practical	BPHL1103	2017	Skill- Employability- Students can prepare various Pharmaceutical dosage form
1040	Pharmaceutical Inorganic Chemistry –	BPHL1104	2017	Skill- Students can perform purity test on drugs or chemicals
1041	Communication skills – Practical*	BPHL1105	2017	Skill- Students can improve their communication Skill
1042	Remedial Biology – Practical*	BPHL1106	2017	Skill- Students can learn about structure and functional system of plant and animal
1043	Human Anatomy and Physiology II – Theory	BPHT1201	2017	Skill-Employability- Hand on practice on various clinical aspects of human physiology and also able to perform different types of experiments
1044	Pharmaceutical Organic Chemistry I –	BPHT1202	2017	Skill-Employability- synthesis, characterization of synthetic formulation
1045	Biochemistry – Theory	BPHT1203	2017	Employability- Apply knowledgeand concept of basic science and pharmacy and also able
1046	Pathophysiology – Theory	BPHT1204	2017	Skill-Employability-student get to know about various communicable diseases and
1047	Computer Applications in	BPHT1205	2017	Skill-Employability-Buiding compitancy in programme coding, various softwares,
1048	Environmental sciences – Theory *	BPHT1206	2017	Employability- student get to know about basic knowledge about the environment and its allied problems
1049	Human Anatomy and Physiology II	BPHL1201	2017	Skill- allow the verification of physiological processes discussed in theory classes through experiments on living tissue, intact animals or normal human beings
1050	Pharmaceutical Organic Chemistry I–	BPHL1202	2017	Skill-Students can do qualitative analysis and synthesis of Organic Compound
1051	Biochemistry – Practical	BPHL1203	2017	Skill- Students can demonstrate different Biochemical Test
1052	Computer Applications in	BPHL1204	2017	Skill-Allows students to details with Database, Database Management

1053	Pharmaceutical Organic Chemistry II –	BPHT2101	2017	Skill-Employability- synthesis, characterization of synthetic formulation
1054	Physical Pharmaceutics I –	BPHT2102	2017	Skill- Employability- formulate and solve complex pharmaceutical problems in
1055	Pharmaceutical Microbiology – Theory	BPHT2103	2017	Skill- Employability- Carried out sterility testing, microbiological standardization of
1056	Pharmaceutical Engineering – Theory	BPHT2104	2017	Skill -Employability- Enterprenurship- students can able to unterstand and perform
1057	Pharmaceutical Organic Chemistry II –	BPHL2101	2017	Skill-Stuents can do qualitative analysis and synthesis of Organic Compound
1058	Physical Pharmaceutics I –	BPHL2102	2017	Skill- Allows student to get a better insight into various areas of
1059	Pharmaceutical Microbiology –	BPHL2103	2017	Skill- Allows students to study of all categories of microorganisms especially for
1060	Pharmaceutical Engineering –Practical	BPHL2104	2017	Skill- Students can get fundamental knowledge on the art and
1061	Pharmaceutical Organic Chemistry III–	BPHT2201	2017	<small>Skill-Employability- synthesis, characterization of synthetic formulation and solve complex pharmaceutical problems in research and development sector.</small>
1062	Medicinal Chemistry I – Theory	BPHT2202	2017	Employability students get to know about the chemistry, pharmacological activity,
1063	Physical Pharmaceutics II –	BPHT2203	2017	Skill- Employability- formulate and solve complex pharmaceutical problems in
1064	Pharmacology I – Theory	BPHT2204	2017	skill-Employability- student get to know about correlation of pharmacology with
1065	Pharmacognosy and Phytochemistry I–	BPHT2205	2017	Skill - Students can do identification and evaluation, phytochemicals
1066	Medicinal Chemistry I – Practical	BPHL2201	2017	Skill - Students can get fundamental knowledge on the structure,
1067	Physical Pharmaceutics II –	BPHL2202	2017	Skill-student get to know better insight into various areas of
1068	Pharmacology I – Practical	BPHL2203	2017	Skill -Student can Observe the effect of drugs on animals by simulated experiments
1069	Pharmacognosy and Phytochemistry I –	BPHL2204	2017	Skill-Extraction and isolation of plant product ,determination of chemical parameter of
1070	PROGRAMMING IN 'C'	CCCS1202	2016	Skill - Practice using programming in C.
1071	PROGRAMMING IN C++	BCAC2401	2016	Skill - Practice using programming in C++
1072	INTERNET AND WEB TECHNOLOGY	BCAC3501	2016	Skill - Design and development of web programming.
1073	PROGRAMMING IN JAVA	BCAC3502	2016	Skill - Programming using JAVA
1074	OFFICE AUTOMATION	CCCS0409	2016	Skill- Microsoft Office programs to create personal, academic and business documents
1075	RDBMS	BCAC2302	2016	Skill - Database and file management

1076	Apparel Production & Marketing	CUTM3029	2017	Employability/Skill - Practice and Project
1077	Line Stitching Supervising	CUTM3030	2017	Employability/Skill - Practice and Project
1078	Apparel Production	CUTM3031	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1079	Light Motor Vehicle Driving	CUTM3032	2017	Employability/Skill - Practice and Project
1080	Fork Lift Operation	CUTM3033	2017	Employability/Skill - Practice and Project
1081	Heavy Vehicle Technology	CUTM3034	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1082	Two Wheeler Service Technology	CUTM3035	2017	Employability/Skill - Practice and Project
1083	Four Wheeler Service Technology	CUTM3036	2017	Employability/Skill - Practice and Project
1084	E-Vehicle Assembly and Service	CUTM3037	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1085	Robotics	CUTM3038	2017	Employability/Skill - Practice and Project
1086	Poultry Farming	CUTM3039	2017	Employability/ Entrepreneurship/Skill
1087	CNC Programming (CAM)	CUTM3040	2017	Employability/Skill - Practice and Project
1088	Design Supervising Wooden and Modular	CUTM3041	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1089	Introduction to Composite	CUTM3042	2018	Employability/Skill - Practice and Project
1090	3D Modelling and Printing	CUTM3043	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1091	Precast Concrete Manufacturing	CUTM3045	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1092	Fabrication	CUTM3046	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1093	Hi-Tech Surveying	CUTM3047	2018	Employability/Skill - Practice and Project
1094	Internet of Things	CUTM3048	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1095	Mechatronics System Design	CUTM3049	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1096	Introduction to Nanotechnology	CUTM3051	2018	Employability/Skill - Practice and Project
1097	Drone Piloting	CUTM3052	2018	Employability/Skill - Practice and Project
1098	Camera Operation	CUTM3053	2018	Employability/Skill - Practice and Project

1099	Editor	CUTM3054	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1100	Desktop Publishing	CUTM3055	2018	Employability/Skill - Practice and Project
1101	Introduction to Blender and Unity	CUTM3056	2018	Employability/Skill - Practice and Project
1102	Camera Operation	CUTM3053	2018	Employability/Skill - Practice and Project
1103	Editor	CUTM3054	2018	Employability/ Entrepreneurship/Skill - Practice and Project
1104	Desktop Publishing	CUTM3055	2018	Employability/Skill - Practice and Project
1105	Introduction to Blender and Unity	CUTM3056	2018	Employability/Skill - Practice and Project
1106	Design and Analysis of Algorithms	CCCS0402	2015	Skill(Understand asymptotic analysis and different methods. Understand linear data
1107	Advance DatabaseManagemen	CCCS0403	2015	Skill And Employability(Hands on training on Client/Server Architecture- System Structure
1108	Computer Networking	CCCS0104	2015	Skill(Identify the different types of network topologies andprotocols. Identify the
1109	Software Engineering	CCCS0105	2015	Skill (Students get to apply software engineering principles and techniques learnt
1110	Introduction to Theory of	CCCS0106	2015	Skill (Be able to design FAs, NFAs, Grammars, languages modelling, small compilers)
1111	Introduction to Unity Game Engine	DEAR0241	2015	Skill And Employability(End to End Game Development Pipeline)
1112	Game Assets & Object	DEAR0641	2015	Skill And Employability(Able to built different models, assets and objects like temple, park,
1113	Game Animation & Scripting	DEAR0642	2015	Skill And Employability(Able to built game environment)
1114	Building Game Environment	DEAR0643	2015	Skill And Employability(Able to design different cartoon animations and UI)
1115	Design & Deployments	DEAR0644	2015	Skill And Employability(Design several 3D games which supports cross platforms)
1116	Control Systems Engineering	CCEC0103	2015	Skill Development Categorize different types of system and
1117	Mobile Communication:	DECS0431	2015	Skill Development and Employability Emerging issues for implementing MIMO
1118	Microwave Engineering and	DECS0432	2015	Employability (Analyze antenna parameters Evaluate the
1119	Optical Fiber Communication	DECS0133	2015	Employability (Knowledge of optical fiber technology and
1120	CCNA Routing and Switching	DECS0234	2015	Skill Development and Employability Install, operate, and troubleshoot a medium-
1121	4G LTE Communication	DECS0435	2015	Skill Development and Employability Understand the system architecture and the

1122	Cell Site and BTS Operation &	DECS0236	2015	Employability (Adhere and conduct site PM (preventive
1123	RF Planning and Drive Test	DECS0237	2015	Employability (Students will develop skill on GSM RF
1124	Advanced C Programming & Data	DEES0411	2015	Employability Provides the knowledge of basic data
1125	Embedded C Programming	DEES0412	2015	Skill Developemnt and Employability Write programs in C to solve engineering
1126	Real Time Operating System & VXWORKS	DEES0413	2015	Skill Developemnt and Employability Provide a basic understanding of Real-Time
1127	Model Based System Design	DEES0414	2015	Skill Developemnt and Employability Build mathematical models for components
1128	Linux: Kernel Programming and	DEES0415	2015	Skill Developemnt and Employability Configure, compile, and install a Linux
1129	Internet of Things	DEES0416	2015	Employability, Skill development (Understand the meaning of the Internet of
1130	Digital System Design using VERILOG	DEVL0421	2015	Skill Development, Entrepreneurship (Pursue a bright career as a RTL design and
1131	FPGA Architecture and Design	DEVL0122	2015	Employability (Handle different FPGA architecture which
1132	HDL Synthesis and System Architecture	DEVL0423	2015	Employability (RTL level synthesis of digital circuits,
1133	Introduction to Object Oriented	DEVL0424	2015	Employability (Write C++ programming, Handle large C++
1134	Verification using System VERILOG	DEVL0425	2015	Employability (VLSI verification project using Verilog.
1135	VLSI Verification Methodologies	DEVL0226	2015	Employability (Do verification using UVM. Verification of
1136	VLSI Test Principle and Testable Design	DEVL0127	2015	Employability (Develop test pattern generation algorithm
1137	Electrical Machine-II	CCEE0102	2015	Skill development (Students will develop the SKILL about various rotating machine like
1138	Electrical Measurement	CCEE0103	2015	Skill development (Students will develop the SKILL about various bridges used to measure
1139	Control Systems	CCEE0104	2015	Skill development (Students will develop the SKILL related to time domain and frequency
1140	Transmission & Distribution	CCEE0105	2015	Skill development (Students will develop the SKILL related to various electrical power
1141	Power Electronics	CCEE0106	2015	Skill development (Students will develop the SKILL about various power electronics
1142	Micro Processors & Micro Controllers	CCEE0109	2015	Skill development (Students will develop the SKILL related to various microprocessors and
1143	Network Theory Lab	CCEE0201	2015	Skill development (Students will develop the SKILL related to verify different theorems
1144	Electrical Machine-II Lab	CCEE0202	2015	Skill development (Students will develop the SKILL to perform various experiments

1145	Measurement & Instrumentation Lab	CCEE0203	2015	Skill development (Students will develop the SKILL about experiments related to bridges
1146	Control Systems lab	CCEE0204	2015	Skill development (Students will develop the SKILL to perform experiments based on
1147	Power Electronics Lab	CCEE0205	2015	Skill development (Students will develop the SKILL about various experiments related to
1148	Micro Processors & MicroControllers Lab	CCEE0208	2015	Skill development (Students will develop the SKILL related to experiments on various
1149	Fundamentals of Microprocessor and	DEOC0111	2015	Employability Basic concept of digital fundamentals to
1150	Satellite Communication	DEOC0112	2015	Employability The fundamentals of satellite
1151	Radar System Engineering	DEOC0113	2015	Employability Compare working of different types of
1152	Transmission Lines and Waveguides	DEOC0114	2015	Employability Discuss the fundamental concepts of wave
1153	PCB Fabrication and Circuit Prototyping	DEOC0211	2015	Employability To design and fabricate PCB for prototyping
1154	Fibre Optics Technology	DEOC0212	2015	Employability Recognize and classify the structures of
1155	MATLAB for Engineers	DEOC0213	2015	Employability Able to use Matlab for interactive
1156	Phycology and Microbiology	BSBO1101	2017	Employability- Classification and identification of microbes and algae.
1157	Biomolecules & Cell biology	BSBO1102	2017	Employability- Carbohydrates, Lipids, Nucleic Acids, Bioenergetics
1158	Mycology & Phytopathology	BSBO1201	2017	Skill- practice on identification of different casuative agent of plant pathogen like fungi,
1159	Archegoniate	BSBO1202	2017	Employability-Learn the phylogeny of archegoniate .
1160	Anatomy of Angiosperms	BSBO2301	2017	Employability-Learn identification of plants based on cytotaxonomy, helps in forensic
1161	Economic Botany	BSBO2302	2017	Entrepreneurs- Practice on Economic importance of Cereals, Legumes, Tea plant
1162	Basics of Genetics	BSBO2303	2017	Skill-Learn to carry out specific activities, such as selection of parental germplasm,
1163	Molecular Biology	BSBO2401	2017	Skill- Students can isolate plant DNA & quantification of extracted DNA by
1164	Plant Ecology and Phytogeography	BSBO2402	2017	Employability-Soil, Water, Light, temperature, wind , fire and Plant Communities.
1165	Plant Systematics	BSBO2403	2017	Employability- Students can easily identified plants, prepared and seposited herbarium,
1166	Reproductive Biology of Angiosperm	BSBO3501	2017	Employability -Keen Observations of some of the variation in different parts of sample
1167	Plant Physiology	BSBO3502	2017	Employability- A keen observation and application of Plant water relationship and

1168	Plant Metabolism	BSBO3601	2017	Employability- Students isolate and quantify the biomolecules, metabolites present on
1169	Plant Biotechnology	BSBO3602	2017	Entrepreneurship- Learn the basics principles of plant sciences and molecular biology and
1170	Analytical Techniques in Plant Sciences	BSBO3503	2017	Skill-Students will be exposed to ELISA, various blotting techniques, separate
1171	Biostatistics	BSBO3504	2017	Skill-Hand on practice on data analysis using chi square test, student t test etc.
1172	Bioinformatics	BSBO3603	2017	Employability- Different biological Data bases.
1173	Natural Resource Management	BSBO3604	2017	Employability- Management of natural resources and IPR
1174	Master's seminar	MAVS 1291*	2017	To exploit new techniques for enhancing the traits in horticulturally important species
1175	Human Values & Professional Ethics	BSMT2404	2017	Understanding the value of Education, harmony, society: Skill dev.
1176	Basic Computers and Information Science	BSMT2405	2017	Concept for Input & output device, Processor & memory, Word, excel, power
1177	Human Values & Professional Ethics	BSRT2404	2017	Understanding the association of Ethics in work and society: Skill dev
1178	Basic Computer & Information Science	BSRT2405	2017	Concepts of basic input & output device; Processor & memory; Word, excel, power

Academic Year 2017-18

Sl No.	Name of the Course	Course Code	Year of introduction	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill
1	Differential Equations	FCBS 0102	2016	Skill Development(Students will know about the modelling of different engineering
2	Linear Algebra & Vector	FCBS 0103	2016	Skill Development(Students will know about modelling of problems related to system of
3	Electricity and Magnetism	FCBS0404	2016	Skill development (Students will develop the skill of identifying circuit elements and
4	Basic Mechanics and Properties of Matter	FCBS0405	2016	Employability (knowledge enhancement)
5	Optics and Optical Fibres	FCBS0406	2016	Employability (knowledge enhancement)
6	Applied Analytical Chemistry	FCBS0401	2016	Employability-Water Analysis,Soil Analysis,Chemistry of fuels. Skill- All
7	Industrial Chemistry	FCBS0402	2016	Employability-: Preparation of soap, dyes and oil analysis ,Analysis of cement Skill-All
8	Applied Engineering Materials	FCBS0403	2016	Employability-Nano Materials,Polymers,Composites.Skill- All
9	Environmental Science	FCBS 0101	2016	Employability-Environment and its multidisciplinary nature,Biodiversity and its
10	Foundations of English	FCHU1201	2016	Skill Development(Students will develop basic interpersonal communication skill

11	Communicative Practice Laboratory -1	FCHU1202	2016	Skill Development(Students will enhance their communication skills in english both
12	Business Communication	FCHU1203	2016	Skill Development(Students will enhance their communication skills in english in
13	Communicative Practice Laboratory-II	FCHU1204	2016	Skill Development(Students will enhance their communication skills in english both
14	Corporate Readiness Laboratory	FCHU1205	2016	Skill Development(Students will develop professional communication skill)
15	IT Enabled Communication	FCHU1206	2016	Skill Development(Students will enhance their communicative competency through
16	Career Communication	FCHU1207	2016	Skill Development(Students will enhance their communicative competency in
17	Personality Development	FCHU1208	2016	Skill Development(Students will learn basic ettiquette in professional sphere)
18	Seminar and Technical Writing	FCHU1209	2016	Skill Development(Students will learn the convention followed in academic and
19	Professional Etiquette	FCHU1210	2016	Skill Development(Students will learn basic ettiquette in professional sphere)
20	Creative Writing	FCHU1211	2016	Skill Development(Students will enhance their competency level using innovative
21	English for Competition	FCHU1212	2016	Skill Development(Students will enhance their competency level to compete with
22	Life Skills Development (LSD) – I	FCHU0210	2016	Skill Development(Students will develop life skill including time management skill,
23	Life Skills Development (LSD) –	FCHU0211	2016	Skill Development(Students will develop life skill including time management skill,
24	Life Skills Development (LSD) -	FCHU0212	2016	Skill Development(Students will develop life skill including time management skill,
25	Economics	FCMG0101	2016	Skill Development(to provide students with a basic understanding of the economic
26	Accounting & Finance	FCMG0102	2016	Skill Development-Students will be able to create, balance and deliver a budget and use
27	Management Processes and OB	FCMG0103	2016	Skill Development-Students shall be able to analyze and compare different models used
28	Production and Operation	FCMG0104	2016	Skill Development (Acquire a working understanding of the roles/functions of
29	Marketing Management	FCMG0105	2016	Skill Development (Students will learn the application of various marketing tools for
30	Introduction to Research	FCMG0108	2016	Skill Development (Students will be able to understand the process of doing a research).
31	Indian Society and Culture	FCMG0113	2016	Skill Development (Students will be familiarized with the science and technology
32	Disaster Management	FCMG1201	2016	Skill Development (students would begin to understand the relationship between
33	Material Sciences	ENFC0102	2017	Employability and Skill development (Students will able to identify materials for

34	Basic Electronics	FCEN0102	2016	Skill development (Students will develop the skill on various technology of electronics)
35	Signals & Systems	FCEN0103	2016	Skill Development. Understand mathematical description and
36	Digital Electronic Circuits	FCEN0104	2016	Skill Development and Employability (It's an important subject in the curriculum and also
37	Basic Electrical Engineering	FCEN0105	2016	Skill Development (Students will get the skill to design devices and systems using
38	Electrical Machines – I	FCEN0106	2016	Skill Development (Students will get the skill to analyse about the principle of operation &
39	Analog and Digital Electronics	FCEN 0107	2016	Skill Development and Employability (It's an important subject in the curriculum and also
40	Workshop Technology	FCEN0108	2016	Skill development (Students will be able to suggest suitable manufacturing technique
41	Engineering Mechanics	FCEN0109	2016	Skill development (To provide the student with a thorough understanding of concept,
42	Thermal Engineering	FCEN0110	2016	Skill development (Students will be able to prepare energy balance sheet, understand
43	Introduction to Internet Technology	FCEN0201	2016	Skill And Employability(Develop a static, interactive and well-formed webpage using
44	Basic Electronics Laboratory	FCEN0202	2016	Skill Development. Students will be able to understand and interpret the specifications,
45	Signals and Systems Laboratory	FCEN0203	2016	Skill Development. Understand use of different transforms and analyze signals and
46	Digital Electronic Circuits Laboratory	FCEN0204	2016	Skill Development. Design and implement Digital Logic hardware circuit to test
47	Electronics Workshop – I	FCEN0205	2016	Skill Development. Design and implement different electronics circuits in hardware to
48	Basic Electrical Engineering Lab	FCEN0206	2016	Skill Development(Students will get the skill to perform the experiments based on basic
49	Electrical Workshop Practice	FCEN0207	2016	Skill development(Students will Enhance their skill of operating electrical
50	Basic Electrical Simulation Lab	FCEN0208	2016	Skill development(Students will Develop a skill to construct and analyse a practical
51	Electrical Machines-I Lab	FCEN0209	2016	Skill Development(Students will get the skill to perform the experiments based on DC
52	Analog and Digital Electronics Lab	FCEN0210	2016	Skill Development and Employability (It's an important subject in the curriculum and also
53	Automation Lab (PLC)	FCEN0211	2016	Skill development(Students will be able to use a number of PLC programming
54	Geometric Drawing	FCEN0212	2016	Skill development(Students will be able to Demonstrate use of CAD in Civil
55	Electrical Load Survey	FCEN0304	2016	Skill development(Students will be skilled enough to carry out load survey and energy
56	Basic Fluid Mechanics	FCEN0401	2016	Skill development(• After completion of the course, the students will able to evaluate

57	Introduction to Programming in C	FCEN0402	2016	Skill And Employability(Case study to be given to students on uses of C program for
58	Object Oriented Programming Using	FCEN0403	2016	Skill And Employability(Case study to be given to students on uses of C++ program for
59	Database Management System	FCEN0404	2016	Skill And Employability(Hands on training on Client/Server Architecture- System Structure
60	Building Materials & Construction	FCEN0406	2016	Skill development(Knowledge: Able to learn basic theory about main building- and
61	Basic Surveying	FCEN0407	2016	Skill development(Able to do centering, leveling & measuring coordinate points of
62	Python Programming	ENFC0411	2017	Skill And Employability(Case study to be given to students on uses of python program
63	Sensors & IOT	ENFC0417	2017	Employability (The students will be aware of the application and operations of the
64	Programming for Problem solving- Java	ENFC0412	2017	Skill And Employability(Understands the concepts of Threads, exception handling, file
65	Electrical Circuit Drawing (AutoCAD)	FCEN0603	2016	Skill development(Students will know the use of AutoCAD Software and will develop
66	Programming Internet of Things	ENFC1401	2017	Skill (Hands on training for understanding of the communication protocols in IoT
67	Build Your Own Computer	ENFC1402	2017	Skill (Hands on training to build computing devices.Troubleshoot various faults in a
68	Cloud Computing Applications	ENFC1403	2017	Skill (Hands on accessing cloud Storage systems and Cloud security and develop
69	Software Development	ENFC1404	2017	Skill (Students get to apply software engineering principles and techniques learnt
70	Estimation & Quantity Surveying	CECC0201	2017	Skill development(Students will be able to Estimating, brick calculations & cost for
71	Concrete Technology	CECC0412	2017	Skill development(Demonstrate test and analysis of cement, aggregate, sand, effect
72	Geotechnical Engineering - I	CCCE0401	2015	Skill development(To obtain knowledge about soil properties and methods of soil
73	Advanced Surveying	CCCE0407	2015	Employability(•Students will gain knowledge about the structure of spatial data including
74	Foundation Engineering	CECC0402	2017	Skill development (Upon successful completion of the course, students are
75	Highway Engineering	CCCE0402	2015	Skill development (Carry out the geometric design of the highways. Identify the
76	Water supply & Sanitary Engineering	CCCE0403	2015	Skill development (The Principles of water treatment units and the design of the
77	Hydrology & Irrigation	CECC0405	2017	Entrepreneurship (knowledge of irrigation implementation on hydrology, water power
78	Quality Control and Risk Management in	CECC0414	2017	Entrepreneurship(Students will be able to work with the latest trend of the
79	Computer Aided Design of Steel	CECC0407	2017	Skill development(To gain the knowledge of Steel design calculation with relevant Indian

80	Computer Aided Design of Concrete	CECC0408	2017	Skill development(To gain the knowledge of RCC design calculation with relevant Indian
81	GIS and Digital Cartography	CECC0410	2017	Skill: To understand the structure of spatial data including file associations, attribute
82	Strength of Material	MECC0411	2017	Employability(Students will acquire knowledge and skill to analyze the effect of
83	Hydraulics & Hydraulic Machine	CCCE0102	2015	Skill Development (a. Analyse the boundary layer flows and methods of controlling the
84	Quality Control in Construction Industry	DECP0411	2015	Skill Development (a. Generate quality control schedule for different projects in
85	Geotechnical Investigations	DECP0412	2015	Skill Development (a. Plan geotechnical investigations before constructing a
86	Safety & Risk Management in	DECP0413	2015	Skill Development (a. Plan a set of constructional activities eliminating risk in
87	Construction Equipment	DECP0414	2015	Skill Development (a. Identify the particular equipment to be used in the construction
88	Pre-Fabricated Structures	DECP0211	2015	Skill Development (Become knowledgeable regarding the processes of planning,
89	Repairs, Renovation, Rehabilitation of	DECP0611	2015	Skill Development (Become knowledgeable regarding the processes of planning,
90	MS Project 7 Based Design Project	DECP0311	2015	Employability (a. Identify various activities of a construction project and the critical path
91	MS Project 7 Based Design Project	DECP0312	2016	Employability (a. Identify various activities of a construction project and the critical path
92	Internship	DEET0800	2015	Employability (Skill development course)
93	Computer Graphics	DEPD0231	2015	Skill Development (a. Learning software which helps to draw complicated drawings
94	Architectural Design	DEPD0232	2015	Skill Development (Students will be able to do the design of any building not only by
95	Computer Aided Design of Advanced	DEPD0431	2015	Skill development(a.To gain the knowledge of RCC design calculation with relevant
96	Computer Aided Design of Advanced	DEPD0433	2015	Skill development(a.To gain the knowledge of Steel design calculation with relevant
97	Design of Earthquake Resistant Structures	DEPD0132	2015	Skill development(a. To gain the knowledge of RCC design calculation with relevant
98	Design Project	DEPD0331	2015	Skill Development (a. Bridge / Culvert Project ,Topics to be covered in Project
99	Remote Sensing and Image Processing	DESP0921	2015	Skill development(a. Students will gain knowledge of basic concepts of remote
100	Surveying for Civil Projects	DESP0922	2015	Skill development (to do live projected Related to Dams, Railways,
101	GIS & Digital Cartography	DESP0923	2015	Skill development(•Students will gain knowledge about the structure of spatial
102	LIDAR Application	DESP0221	2015	Skill development(•Students will gain knowledge about LIDAR and its application.

103	Smart City Planning	DESP0621	2015	Employability (designing the city features including park, garden etc. Course
104	Design Project (RS & GIS based Natural	DESP0321	2015	Skill development(•Students will gain knowledge about the structure of spatial
105	Data Structures using C	CCCS0401	2015	Skill (a. Understand asymptotic analysis and different methods. b. Understand
106	Design and Analysis of Algorithms	CCCS0402	2015	Skill(a. Understand asymptotic analysis and different methods. b. Understand
107	Advance Database Management	CCCS0403	2015	Skill And Employability(Hands on training on Client/Server Architecture- System Structure
108	Computer Networking	CCCS0104	2015	Skill(a. Identify the different types of network topologies and protocols. b.
109	Software Engineering	CCCS0105	2015	Skill (Students get to apply software engineering principles and techniques learnt
110	Introduction to Theory of	CCCS0106	2015	Skill (Be able to design FAs, NFAs, Grammars, languages modelling, small compilers)
111	Building of Cloud Infrastructure	DECT0901	2015	Skill And Employability(a. Analyze and Understanding the functioning of different
112	Deployment Architecture -I	DECT0902	2015	Skill And Employability(Ability to evaluate cloud application requirements and make
113	Deployment Architecture - II	DECT0903	2015	Skill And Employability(Ability to evaluate cloud application requirements and make
114	Advanced Networking	DECT0904	2015	Skill And Employability(Students had Implemented various VPC,VPN and
115	Oracle Database Administration and	DEST0401	2015	Skill And Employability(Provides an exhaustive coverage of SQL Admin to
116	Problem Solving through Coding	DEST0201	2015	Skill And Employability(Obtain skills to solve problems involving text, numbers and
117	Linux and Lamp Administration	DEST0402	2015	Skill And Employability(Obtain skills in Linux server administration. Content includes
118	Testing and Test Automation	DEST0403	2015	Skill And Employability(students had applied various modern software testing
119	Web Services using Java	DEST0404	2015	Skill And Employability(Developed knowledge-based force to serve the IT
120	Python for Data Science and Machine	DEML0201	2015	Skill And Employability(Implement ML algorithms that generates insight to high
121	Supervised and Unsupervised	DEML0401	2015	Skill And Employability(Implement several ML algorithms that generates insight to high
122	Advanced Neural Network (RNN & CNN)	DEML0402	2015	Skill And Employability (Design and train a CNN, RNN language models and will be able
123	ML Techniques in Image Processing	DEML0202	2015	Skill And Employability(Implemented different Real life Projects in the field of
124	Deep Learning Techniques and	DEML0403	2015	Skill And Employability(Design and train a CNN, RNN language models and will be able
125	Introduction to IT Networking & Security	DEIS0121	2015	Skill And Employability(To understand, design and implement appropriate security

126	Advanced Networking	DEIS0421	2015	Skill And Employability(Understand and explain Data Communications System and its
127	White Hat Hacking Techniques and Tools	DEIS0422	2015	Skill And Employability(Information technologies skill like vulnerabilities, defense-
128	Information Technology	DEIS0122	2015	Skill And Employability(Obtain the skill about IT Service Management best practices,
129	Network Security Audit of an	DEIS0221	2015	Skill And Employability(To perform an IT Network security audit of an organization and
130	CCNA	DEIS0222	2015	Skill And Employability(Hands on training to manage Network for an Organization)
131	Introduction to Unity Game Engine	DEAR0241	2015	Skill And Employability(End to End Game Development Pipeline)
132	Game Assets & Object	DEAR0641	2015	Skill And Employability(Able to built different models, assets and objects like temple, park,
133	Game Animation & Scripting	DEAR0642	2015	Skill And Employability(Able to built game environment)
134	Building Game Environment	DEAR0643	2015	Skill And Employability(Able to design different cartoon animations and UI)
135	Design & Deployments	DEAR0644	2015	Skill And Employability(Design several 3D games which supports cross platforms)
136	Analog Electronic Circuits	CCEC0101	2015	Skill Development and Employability (It's an important subject in the curriculum
137	Network Analysis and Synthesis	CCEC0102	2015	Skill Development (a. Applying network topology concepts in the formulation and
138	Control Systems Engineering	CCEC0103	2015	Skill Development (a. Categorize different types of system and identify a set of
139	Digital Signal Processing	CCEC0401	2015	Employability (a. Analyse Z-Transform , DFT,FFT and, and
140	Electromagnetic Field Theory and	ECCC0101	2017	Skill Development (This subject is a base subject for wireless
141	VLSI Design	ECCC0407	2017	Employability (Design combinational and sequential circuit
142	Analog Communication	ECCC0405	2017	Employability (Familiar with analog radio transmitters and
143	Digital Communication	ECCC0406	2017	Employability (a. Illustrate the classification of channels,
144	ARM Processor Based System Design	ECCC0408	2017	Employability (Understand the architecture of ARM
145	Embedded Software and Development	ECCC0409	2017	Employability(a. The fundamentals of embedded system hardware and firmware
146	Microwave and Radar Communications	ECCC0410	2017	Employability (a. Integrate the concept of bunching and
147	Antenna and Wave Propagation	ECCC0411	2017	Employability (a. Analyze antenna parameters
148	Analog Electronic Circuits Laboratory	CCEC0201	2017	Skill Development and Employability (It's an important subject in the curriculum

149	Electronics Workshop-II	CCEC0601	2015	Skill Development (Design and implement different electronics
150	Mobile Communication:	DECS0431	2015	Skill Development and Employability (a. Emerging issues for implementing MIMO
151	Microwave Engineering and	DECS0432	2015	Employability (Analyze antenna parameters, Evaluate the
152	Optical Fiber Communication	DECS0133	2015	Employability (Knowledge of optical fiber technology and
153	CCNA Routing and Switching	DECS0234	2015	Skill Development and Employability Install, operate, and troubleshoot a medium-
154	4G LTE Communication	DECS0435	2015	Skill Development and Employability (Understand the system architecture and the
155	Cell Site and BTS Operation &	DECS0236	2015	Employability (Adhere and conduct site PM (preventive
156	RF Planning and Drive Test	DECS0237	2015	Employability (Students will develop skill on GSM RF
157	Advanced C Programming & Data	DEES0411	2015	Employability (Provides the knowledge of basic data
158	Embedded C Programming	DEES0412	2015	Skill Development and Employability (Write programs in C to solve engineering
159	Real Time Operating System & VXWORKS	DEES0413	2015	Skill Development and Employability (Provide a basic understanding of Real-Time
160	Model Based System Design	DEES0414	2015	Skill Development and Employability a. Build mathematical models for
161	Linux: Kernel Programming and	DEES0415	2015	Skill Development and Employability (a. Configure, compile, and install a Linux
162	Internet of Things	DEES0416	2015	Employability, Skill development (a. Understand the meaning of the Internet
163	Digital System Design using VERILOG	DEVLO421	2015	Skill Development, Entrepreneurship (Pursue a bright career as a RTL design and
164	FPGA Architecture and Design	DEVLO122	2015	Employability (Handle different FPGA architecture which
165	HDL Synthesis and System Architecture	DEVLO423	2015	Employability (RTL level synthesis of digital circuits,
166	Introduction to Object Oriented	DEVLO424	2015	Employability (Write C++ programming, Handle large C++
167	Verification using System VERILOG	DEVLO425	2015	Employability (VLSI verification project using Verilog,
168	VLSI Verification Methodologies	DEVLO226	2015	Employability (Do verification using UVM, Verification of
169	VLSI Test Principle and Testable Design	DEVLO127	2015	Employability (Develop test pattern generation algorithm
170	Electrical Machine-II	CCEE0102	2015	Skill development (Students will develop the SKILL about various rotating machine like
171	Electrical Measurement	CCEE0103	2015	Skill development (Students will develop the SKILL about various bridges used to measure

172	Control Systems	CCEE0104	2015	Skill development (Students will develop the SKILL related to time domain and frequency)
173	Transmission & Distribution	CCEE0105	2015	Skill development (Students will develop the SKILL related to various electrical power)
174	Power Electronics	CCEE0106	2015	Skill development (Students will develop the SKILL about various power electronics)
175	Micro Processors & Micro Controllers	CCEE0109	2015	Skill development (Students will develop the SKILL related to various microprocessors and)
176	Network Theory Lab	CCEE0201	2015	Skill development (Students will develop the SKILL related to verify different theorems)
177	Electrical Machine-II Lab	CCEE0202	2015	Skill development (Students will develop the SKILL to perform various experiments)
178	Measurement & Instrumentation Lab	CCEE0203	2015	Skill development (Students will develop the SKILL about experiments related to bridges)
179	Control Systems lab	CCEE0204	2015	Skill development (Students will develop the SKILL to perform experiments based on)
180	Power Electronics Lab	CCEE0205	2015	Skill development (Students will develop the SKILL about various experiments related to)
181	Introduction to Linux	CCEE0207	2015	Employability(Students will familiarize with LINUX Operating system)
182	Micro Processors & MicroControllers Lab	CCEE0208	2015	Skill development (Students will develop the SKILL related to experiments on various)
183	General PLC	DEIA0111	2015	Skill development(Students will develop skill of designing Automatic Control System using)
184	Basic Electrical (Automation based)	DEIA0211	2015	Skill development (Students will gain Functional skill set with hands-on; on)
185	Variable Frequency Drive	DEIA0212	2015	Skill development (Students will gain Functional skill set with hands-on; on)
186	Allen Bradley SLC 500	DEIA0413	2015	Skill development (Students will gain Functional skill set with hands-on; on System)
187	Siemens S7-300	DEIA0414	2015	Skill development (Students will gain Functional skill set with hands-on; on System)
188	SCADA Schneider Wonderware InTouch	DEIA0415	2015	Skill development (Students will gain Functional skill set with hands-on; on)
189	Schneider MODICON TSX-Micro, GE	DEIA0416	2015	Skill development (Students will gain Functional skill set with hands-on; on Load)
190	HMI-Allen Bradley-Panel View C600	DEIA0213	2015	Skill development (Students will gain Functional skill set with hands-on; on PLC)
191	Overview of Transmission System	DEOM0131	2015	Skill Development (Students will develop different transmission scheme with software)
192	Overview of Distribution System	DEOM0132	2015	Skill Development (Students will develop different distribution scheme with software)
193	Power and Distribution	DEOM0431	2015	Skill Development (Students will develop skill set with hands on training & practice on)
194	System Protection and Auxiliaries	DEOM0432	2015	Skill Development (Students will develop different protection scheme with hardware)

195	Construction Details of HT and LT lines,	DEOM0433	2015	Skill Development (Students will develop skill set with hands on training & practice on
196	Safety Practice and First Aid	DEOM0231	2015	Skill Development (Students will develop skill set with hands on training & practice on
197	Electrical System Layout and Drawing	DEOM0232	2015	Skill Development (Students will develop different electrical system layout with
198	Power system market, economics and energy	DEOM0434	2015	Employability (Student will learn power market operation & energy audit process
199	Design of transformer core	DETD0121	2015	Skill Development (Students will Manufacture three phase Distribution
200	Design of transformer winding	DETD0122	2015	Skill Development (Students will Manufacture three phase Distribution
201	Design of transformer tank & Accessories	DETD0123	2015	Skill Development (Students will Manufacture three phase Distribution
202	Testing and Commissioning	DETD0421	2015	Skill Development (Students will develop skill set with hands on training & practice on
203	Safety and protection	DETD0422	2015	Skill Development (Students will develop skill set with hands on training & practice on
204	Transformer Repair & Maintenance	DETD0423	2015	Skill Development (Students will develop skill set with hands on training & practice on
205	Renewable Energy Sources and	DERE0161	2015	Skill Development (Students will learn and develop the different technologies of
206	Solar Photovoltaic Technology	DERE0162	2015	Skill Development (Students will learn and develop the different technologies of Solar
207	Solar Thermal Technology	DERE0163	2015	Skill Development (Students will learn and develop the hybrid generations that
208	Solar Systems for Buildings	DERE0464	2015	Skill Development (Students will learn and develop the roof top solar generation
209	Solar Power Plant	DERE0465	2015	Skill Development (Students will learn the principle of solar power plant)
210	Decentralized and Smart Power Grids	DERE0466	2015	Skill Development (Students will learn the principle of solar power plant)
211	Solar Photovoltaic Laboratory	DERE0267	2015	Skill development (Students will gain the knowledge with hands-on; on different
212	Solar Thermal Laboratory	DERE0268	2015	Skill Development (Students will develop hands-on, on different solar related live
213	Theory of Machines	CCME0405	2015	Skill And Employability (Students will learn how to analyze the motions of mechanisms,
214	Manufacturing Technology 1	MECC0401	2017	Skill And Employability (Students will have Knowledge and Skills to Understand Actual
215	Manufacturing Technology 2	MECC0402	2017	Skill And Employability (Students will be Able to Do Process Planning, Develop CNC Part
216	Finite Element Analysis	MECC0404	2017	Skill And Employability (Students will be Able to Deploy Practical and Industrial Approach
217	Internal Combustion Engines	MECC0406	2017	Skill And Employability (Students will be able to test internal combustion engines for

218	Renewable Energy Systems	MECC0408	2017	Skill (To have a knowledge of energy scene in India, To acquire the skill of analyzing and
219	Fluid Power	MECC0409	2017	Skill (Students will be able to identify various elements used in fluid power systems and
220	Mechanics of Machines	MECC0410	2017	Skill (Students will have knowledge and skills to analyse, design and develop mechanisms
221	Fluid Mechanics and Heat Transfer	MECC0414	2017	Skill And Employability (Students will be able to Analyze and Design various Equipment
222	Jigs and Fixtures	DECM0101	2015	Employability and Skill development (Makes student Industry ready through hands
223	Process Planning and Cost Estimation	DECM0102	2015	Employability and Skill development(Makes student Industry ready through hands-on
224	Conventional Machining for	DECM0201	2015	Employability and Skill development(Makes student Industry ready through hands-on
225	Conventional Machining for	DECM0202	2015	Employability and Skill development(Makes student Industry ready through hands-on
226	CNC Machining	DECM0601	2015	Employability and Skill development(Makes student Industry ready through hands-on
227	Non-Traditional Machining and 3D	DECM0602	2015	Employability and Skill development(Makes student Industry ready through hands-on
228	Wood Engineering	DECM0203	2015	Employability and Skill development(Makes student Industry ready through hands-on
229	Introduction to Refrigeration & HVAC	DERC0101	2015	Employability and Skill development (This helps student to have
230	Control System for Refrigeration & Air	DERC0201	2015	Employability and Skill development(This helps student to have
231	Design and Maintenance of	DERC0202	2015	Employability and Skill development (This helps student to have
232	Maintenance and Testing of Refrigerator	DERC0203	2015	Employability and Skill development (This helps student to have
233	Maintenance and Testing of Coolers,	DERC0204	2015	Employability and Skill development (This helps student to have
234	Design and Maintenance of	DERC0401	2015	Employability and Skill development (This helps student to have
235	Design and Maintenance of Cold	DERC0102	2015	Employability and Skill development (This helps student to have
236	Joining Processes & Technology	DEWD0401	2015	Employability and Skill development(This gives oppertunities for self employed by
237	Arc Welding, Gas Welding & Brazing	DEWD0201	2015	Employability and Skill development(This gives oppertunities for self employed by
238	Metal Transfer & Weld Metallurgy	DEWD0402	2015	Employability and Skill development(This gives oppertunities for self employed by
239	Design of Welded Joints	DEWD0101	2015	Employability and Skill development(This gives oppertunities for self employed by
240	Welding of Stainless Steel, Aluminium,	DEWD0601	2015	Employability and Skill development(This gives oppertunities for self employed by

241	Testing of Welded Joints (DT, NDT &	DEWD0602	2015	Employability and Skill development(This gives oppertunities for self employed by
242	Introduction to Automobile	DEAE0101	2015	Employability and Skill development(This gives jobs oppertunity in automobile
243	Subsystems of Automobile	DEAE0401	2015	Employability and Skill development(This gives jobs oppertunity in automobile
244	Design and Maintenance of	DEAE0402	2015	Employability and Skill development(This gives jobs oppertunity in automobile
245	Entrepreneurship Opportunities in	DEAE0102	2015	Employability and Skill development (This gives jobs oppertunity in automobile
246	Maintenance of 4 Wheeler	DEAE0201	2015	Employability and Skill development(This gives jobs oppertunity in automobile
247	Maintenance of 2 Wheeler	DEAE0202	2015	Employability and Skill development(This gives jobs oppertunity in automobile
248	Operation and Maintenance of Diesel	DEAE0203	2015	Employability and Skill development (This gives jobs oppertunity in automobile
249	Fundamentals of Microprocessor and	DEOC0111	2015	Employability (Basic concept of digital fundamentals to
250	Satellite Communication	DEOC0112	2015	Employability (The fundamentals of satellite
251	Radar System Engineering	DEOC0113	2015	Employability Compare working of different types of
252	Transmission Lines and Waveguides	DEOC0114	2015	Employability Discuss the fundamental concepts of wave
253	Power System Generation	DEOC0121	2015	Skill development (Students will learn the SKILL of generating electrical powers from
254	Electromagnetic theory	DEOC0122	2015	Employability Knowledge of, physical interpretation, and
255	Power Plant Engineering	DEOC0131	2015	Skill development (Students will be able to work out the problems related to power
256	Basic Metallurgy	DEOC0134	2015	Employability and Skill development (Understand the correlation between
257	PCB Fabrication and Circuit Prototyping	DEOC0211	2015	Employability To design and fabricate PCB for prototyping
258	Fibre Optics Technology	DEOC0212	2015	Employability Recognize and classify the structures of
259	MATLAB for Engineers	DEOC0213	2015	Employability Able to use Matlab for interactive
260	Basic Electrical Maintenance	DEOC0221	2015	Skill development(This course will enable students to safely undertake electrical
261	Automotive Electrician	DEOC0222	2015	Skill development(Student will acquire the skills to identify and solve problems
262	Advanced power electronics	DEOC0421	2015	Skill development (Students will gain Functional skill set with hands-on; on Advnce
263	Electrical Drives	DEOC0422	2015	Skill development (Students will gain Functional skill set related to different DC &

264	Advance Control System	DEOC0423	2015	Skill development (Students will gain Functional skill related to control theory,
265	Advanced Structural Analysis	ISSD1101	2016	Skill development(• Skill in developing computer program for the structural analysis
266	Structural Dynamics	ISSD1102	2016	Skill development(To provide basic knowledge of mathematics, science and
267	Theory of Elasticity & Plasticity	ISSD1103	2016	Skill development(•Ability to apply the knowledge of mathematics, science and
268	Architectural Design	ISSD1104	2016	"Skill development(Provide skill with a well-educated workforce that is ready and able to
269	Computer Graphics (2D & 3D Drafting)	ISSD1106	2016	Skill development(At the end of the course, the students have a skill and employability to:
270	Civil Engg. MATLAB Lab	ISSD1107	2016	Employability (Differential equations and its application to engineering problems
271	Finite Element Method	ISSE1201	2016	"Skill development(•Enable the students to identify, formulate and skill to engineering
272	Design of Prestressed Concrete Structures	ISSE1202	2016	Skill development(Skill to control of the losses involved of pre-stressing concrete and
273	Concrete Technology	ISSE1203	2016	Skill development(•To study and understand various types of technology added in
274	Research Methodology	ISRM1201	2016	"Skill development(1.Skill to research problem formulation.
275	CAD LAB	ISSE1204	2016	Employability (Analysis and design of a simply supported beam, Plate, Simple framed
276	3D Modeling using ANSYS and CATIA	ISSE1205	2016	Skill development(Introduction to Engineering Design Different types of
277	Prefabricated Structures or	ISSE1206	2016	"Skill development(•Grasp of the construction methods using these elements
278	Renovation and Retrofitting of green	ISSE1207	2016	"Skill development(1.Skill to research problem formulation.
279	Advanced Construction	ISSE1208	2016	"Skill development(•To study the polymers in civil engineering construction
280	Soil Dynamics and Geotechnical	ISSE1209	2016	Skill development(Develop skill in applying theory of vibrations to basic facets of soil
281	Evolution of Management Thought	MGGM1101	2011	Application of Basic mangement principles-Skill development
282	Basic Communication Skills	MGGM1102	2011	Competence in oral, written, and visual communication: Employability, Use current
283	Quantitative Techniques	MBDM1104	2017	application of quantitative techniques in business decision making- Employability,
284	Managerial Economics	MGGM1104	2014	Analysis of demand, supply, production,market; Application of different
285	Managerial Computing	MGIT1101	2011	MS Word, Excel, power point- Skill development
286	Accounting for Managers	MGFM1101	2011	Preparation of financial statement, preparation of cost sheet and financial

287	Marketing Management	MGMK1101	2011	Interpretation complex marketing issues facing by a variety of enterprises:
288	Organizational Behaviour	MGGM1105	2011	Analyze and compare different models of Human Behaviour - Employability,
289	Management Information Systems	MGIT1202	2011	Utilize Management Information Systems in achieving business competitive advantage -
290	Indian Society and Culture	MGGM1212	2015	Analysing social issues, Societal Analysis-Employability
291	Communication Perspective of	MGGM1206	2011	Write business proposals and reports- Skill development
292	Human Resource Management	MGHR1201	2011	Carry out human resource planning and Job analysis, develop, implement and evaluate
293	Management & Market Research	MGGM1207	2011	Applying marketing research into the broader strategic planning process, with
294	Financial Management	MGFM1202	2011	Application of concepts of financial management, investment, financing,
295	Production & Operations	MGOM1201	2011	Developing aggregate capacity plans and MPS in operation environments-
296	Economic Environment of	MGGM1208	2014	Analysis of economic policy and environment-Employability,
297	Summer Internship Programme	MGGM1211	2011	To make self-disciplined, self-motivated and integrate theory and practice- Skill
298	Strategic Management and	MGGM2318	2015	Conduct analysis of competitive situations of the enterprise and inroduction of ethical
299	Aptitude and Career Enhancement-I	MGGM1210	2014	Compete and qualify in the selection process - Employability
300	Career Communication and	MGGM2314	2014	Communicate appropriately using the technology - Employability
301	Sales and Distribution Management	MGMK2302	2011	Manage and enhance the sales force productivity and performance:Employability
302	Logistics and Supply Chain Management	MGOM2302	2011	Analyzing the manufacturing operations of a firm- Employability, Entrepreneurship
303	Legal Environment for Enterprise	MGGM2315	2011	Analyze business issues and to understand broader legal issues- Employability,
304	Project Management	MGGM2316	2011	Describe a project life cycle, identify the resources needed for each stage, develop a
305	Live Project	MGEL2401	2015	To make self-disciplined, self-motivated and integrate theory and practice- Skill
306	Contemporary Issues in Management	MGEL2402	2015	Advance topics, analysis and application of IT Employability
307	GIS and Participatory Planning	MGEL2403	2015	Identification of the resources needed, develop a project scope utilizing GIS
308	Rural Marketing	MGMK2312	2015	Able to scuccessfully enter the rural market for promotion of his products and services:
309	Services Marketing	MGMK2313	2015	Able to deliver services successfully Employability & Entrepreneurship

310	Customer Relationship	MGMK2314	2015	Formulate and assess strategic, operational and tactical CRM decisions: Employability &
311	Consumer Behaviour	MGMK2305	2011	Detect the relevance of consumer behaviour to the entire marketing process, the nature
312	Brand Management and Marcomm	MGMK2306	2011	Appraise key issues in managing brand portfolio and making strategic branding
313	B2B Marketing	MGMK2307	2011	Effective B2B marketing strategy design and execution: Employability &
314	Retail Management	MGMK2315	2011	Make merchandise plan and to procure right merchandise: Employability &
315	International Marketing	MGMK2316	2015	Assess an organization's ability to enter and compete in international markets:
316	Social Marketing	MGMK2310	2011	Develop a strategic plan for identifying opportunities for implementing social
317	Digital Marketing	MGMK2311	2015	Apply various concepts and importance of digital marketing - Visualize various
318	GIS for Marketing	MGMK2317	2015	Develop customer marketing applications such as acquisition, marketing, messaging,
319	Advanced Managerial Accounting	MGFM2310	2015	Preparation of cost sheet and analysis of financial statements: Employability &
320	Financial Derivatives	MGFM2311	2015	Competent in derivative products such as forward, future, option & swap and to make
321	Financial Institutions, Markets & Services	MGFM2305	2011	Use techniques for raising funds from capital market and from different sources-
322	Commercial Banking and ALM	MGFM2306	2011	Use techniques for Asset/Liability Management for smooth operation of the
323	Insurance & Risk Management	MGFM2307	2011	Use techniques for identifying, measuring and managing the risk - Employability &
324	Security Analysis And Portfolio	MGFM2308	2011	Use methods of valuations of financial instruments and evaluation of risk as well as
325	Project Appraisal & Financing	MGFM2309	2014	Preparation of detailed project report, identification of a project, feasibility analysis
326	Corporate Restructuring	MGFM2312	2015	Use techniques of Financial Corporate valuation and Engineering - Employability &
327	Financial Planning and Wealth Management	MGFM2313	2015	Use methods to determine the ways of personal tax planning, retirement and estate
328	Current Asset Management	MGFM2314	2015	Evaluate comparative current asset management policies and their impact on
329	Service Operations Management	MGOM2303	2011	Carry out optimal inventory management- Employability, Entrepreneurship
330	Total Quality Management	MGOM2311	2011	Use statistical approach for quality control, ISO and QS certification process-
331	Technology Management	MGOM2312	2015	Technology adoptation and technology transfer-Employability, Entrepreneurship
332	Purchase and Materials	MGOM2305	2011	Develop materials requirement planning technique, handel issues related to

333	Environment & Industrial Safety	MGOM2306	2011	Formulate or design a system, process, procedure, or program to meet desired
334	Business Process Re-engineering &	MGOM2307	2011	Model and develop improved business processes that require IT and organizational
335	Enterprise Resource Planning	MGOM2308	2011	Develop Generic Model of ERP and Implementation of General ERP
336	Production Planning and Inventory Control	MGOM2309	2011	Develop Production planning and handel control issues in both service and
337	Supply Chain Modelling	MGOM2310	2011	Value creation and revamping supply chains for becoming competitive in the market-
338	Industrial Relations and Labour Laws	MGHR2302	2015	Handle industrial disputes - Employability
339	Compensation and Reward Management	MGHR2315	2011	Designing a pay structure - Employability
340	Performance Management	MGHR2314	2011	Fixing performance standards and performance indicators that reflect the
341	Organization Change and Development	MGHR2305	2011	Bring out appropriate changes in the organization and becoming a change agent-
342	International Human Resource	MGHR2307	2011	Design Human Resource activities in an International Context- Employability,
343	Knowledge Management	MGHR2308	2011	Critically apply theories and models to organisations for success- Employability,
344	Human Resource Planning and Sourcing	MGHR2312	2015	Development, implementation, and evaluation of employee recruitment,
345	Training and Development	MGHR2311	2011	Assess, design and implement various methods, techniques and sources of training-
346	Leadership Development	MGHR2313	2015	Develop critical thinking skills and lead the organization- Employability,
347	Organization Structure and Design	MGHR2310	2014	Designing effective organizational structure keeping in view business strategies -
348	Rural Immersion Programme (Practice)	MGRM2305	2015	Carry out participatory planning with the community, develop strategies for
349	Sustainable Livelihood System	MGRM2306	2015	Introduce and train people on alternative livelihood options- Employability,
350	Public System Management	MGRM2307	2015	Comprehend and apply the basic principles of public administration model -
351	Micro Finance Management	MGRM2308	2015	Accelerating the expansion of local microbusinesses- Employability
352	Natural Resource Management	MGRM2309	2015	Work effectively with, and within, interdisciplinary and diverse groups to
353	Social Entrepreneurship	MGRM2310	2015	Students will be able to establish social enterprises- Entrepreneurship
354	Gender and Development	MGRM2311	2015	Utilize the different tools and techniques for gender planning, analysis and evaluation in
355	Hospital Administration	MGHM2301	2017	Create policy and processes and execute decisions in compliance with the legal,

356	Management Information Systems	MGHM2302	2017	Analyze existing systems and design technology solutions appropriate to the
357	Management of Out-Patient Department	MGHM2303	2017	Deal the issues effectively in emergency services, can plan, organize and supervise
358	Risk and Disaster Management	MGHM2304	2017	Handle Security Management Effectively in Hospitals, Control and Prevent hospitals
359	Management of Quality	MGHM2305	2017	Prepare quality policy and objectives for hospitals, Plan and organize quality
360	Legal and Ethical Issues for Hospitals	MGHM2306	2017	Handle medico-legal issues effectively, Ensure appropriate patient relationship,
361	Health Insurance	MGHM2307	2017	Ensure hassle free insurance facility in hospitals, Build appropriate relation with
362	Project Management in Health Care	MGHM2308	2017	Plan and implement health sector projects, Carry out feasibility analysis of health sector
363	Marketing of Hospital Services	MGHM2309	2017	Handle challenges in hospital services marketing, Design new hospital services,
364	Clinical, Diagnostic & Therapeutic Services	MGHM2310	2017	Design and manage secondary and tertiary systems of medicine, Maintain hospital
365	Patient Care and Behaviour	MGHM2311	2017	Motivate patients and instrumental in shaping positive attitude towards hospital,
366	Web Traffic Generation	MBDM2201	2017	Increase traffic in any website, Popularizing websites- Employability, Entrepreneurship &
367	Link Building & e-WoM	MBDM2202	2017	Increase links through web, Building relationships through the web-
368	Social Media Marketing	MBDM2203	2017	Develop effective social media marketing strategies for various types of industries and
369	Branded Content and the Future of Media	MBDM2204	2017	Develop and market branded contents, Employability,
370	Ideas, Brands and Business	MBDM2205	2017	Make strategic branding decisions- Employability, Entrepreneurship
371	Brand Planning and Consumer Insights	MBDM2206	2017	Design and execute intelligent and innovative research studies to scan the
372	Digital Strategies and Planning	MBDM2207	2017	Create a digital marketing plan and budget; identify suitable measures to set objectives
373	Mobile & E-Mail Marketing	MBDM2208	2017	Ability for technology adoption, various devices, changing nature of services and
374	Search Engine Optimization	MBDM2209	2017	Able to improve sales volume through search engine optimization - Skill
375	Search Engine Marketing	MBDM2210	2017	Able to improve sales volume through Google AdWords and other elements of
376	Technology of e-Commerce	MBDM2211	2017	Able to integrate distributed database technologies within the internet architecture
377	Online Reputation Management	MBDM2212	2017	Ability to give a structure of quality websites and portals - Skill development
378	Web Content Writing	MBDM2214	2017	Ability to develop creativity and creating quality content- Skill development

379	Affiliate Marketing	MBDM2213	2017	Able to structure quality web designing for affiliate marketing - Skill development
380	Basics of Data Warehousing and	MGDA1106	2016	Able to make better business decisions by using Data warehousing business intelligence
381	Advance Business Communication	MGDA1209	2016	Able to make better business communication- Employability &
382	Information System in Business	MGDA1210	2016	Analyze actions affecting the business as well as prepare cost estimates and forecasts-
383	ETL , Data modeling and Cube Design	MGDA1215	2016	Able to analyze data objects and figuring out the relationships between them-
384	Data Visualisation with Power BI and	MGDA1216	2016	Able to represent data visualization for business analytics- Skill development
385	Unstructured Data Analytics & Machine	MGDA1213	2016	Make data-driven recommendations and decisions based on only the input data- Skill
386	Advanced Data Modelling & Mining	MGDA1214	2016	Use the tool to clean, analyze, and graph data- Skill Development
387	Project (Project Mode in Organization)	MGDA1200	2016	It will enable learner to easily cope up with harsh industry or startup environments-
388	Operations Research	MBDM1202	2017	Manage and enhance the sales force productivity and performance:Employability
389	Aptitude and Career Enhancement-	MGGM2317	2014	logical analysis- Employability
390	Pre-liberalization Socio-Economic and	MGDM 1101	2014	Analyse social, economical and political background of India for decision making -
391	Development Project Management	MGDM 1102	2014	Carry out Appraisal, Planning, and Monitoring & Evaluation and impact
392	IT Enabled Communication	MGDM 1103	2014	Use IT tools for effective communication - Skill development
393	Micro and Macro Economics	MGDM 1104	2014	Application of different economic paradigms using Microeconomics concepts-
394	Development Marketing	MGDM 1105	2014	Able to make appropriate decision in development marketing-Employability
395	Accounting for Development	MGDM 1106	2014	Preparation and analyse of financial statements - Employability &
396	Socio-Economic and Political history Post-	MGDM 1201	2014	Analyse social, economical and political background of India for decision making -
397	Development Project Management	MGDM 1202	2014	Carry out Appraisal, Planning, and Monitoring & Evaluation and impact
398	Integrated Development	MGDM 1203	2014	Communicate appropriately using tools for development - Employability
399	Rural Entrepreneurship	MGDM 1204	2014	Write business proposals for rural enterprise development-Employability,
400	Social Enterprise Promotion	MGDM 1205	2014	Creating social relevant enterprises.- Entrepreneurship
401	Financial Management for	MGDM 1206	2014	Handle financial management, investment, financing, working capital and dividend

402	Rural and Community Group Behavior	MGDM 1207	2014	Observe and analyse social issues and dynamics at rural level, design appropriate
403	Organizing Conference –I	MGDM 1221	2014	Learning skills for organizing events - Employability,
404	Internship-I	MGDM 2331	2014	To apply and evaluate the learned concepts, theories in real time situations-
405	Internship-II	MGDM 2332	2014	To apply and evaluate the learned concepts, theories in real time situations- Employability
406	Internship-III	MGDM 2333	2014	To apply and evaluate the learned concepts, theories in real time situations- Employability
407	Gender Mainstreaming for	MGDM 2301	2014	Being sensitive to gender issues in the society, analyse the facets of Gender and its
408	Skill Building and Employability Training	MGDM 2302	2014	Understand the skill ecosystem and its dimensions, Effectiveness measurement of
409	Financial Inclusion & Micro-finance	MGDM 2303	2014	To appraise the scenario of financial inclusion in the country , acquire skills to
410	Rural Haat & Market Analysis	MGDM 2304	2014	Develop skills for assessing rural markets - Employability, Entrepreneurship & Skill
411	Agri-Business Management	MGDM 2305	2014	Apply principles of management for food and agri business sector, develop projects on
412	HR Issues and Capacity Building of	MGDM 2306	2014	Analyze the key areas related to administering the human related issues such
413	Mini Bharat Darshan	MGDM 2351	2014	Develop Interventions and analyse the factors for effective interventions -
414	Internship-IV	MGDM 2431	2014	To apply and evaluate the learned concepts, theories at real time situations-
415	Internship-V	MGDM 2432	2014	To apply and evaluate the learned concepts, theories at real time situations-
416	Internship-VI	MGDM 2433	2014	To apply and evaluate the learned concepts, theories at real time situations-
417	Sustainable Development	MGDM 2401	2014	Critically analyze the social, environmental, and economic dimensions of sustainability -
418	Sales and Distribution in rural markets	MGDM 2402	2014	Make sales and distribution plan for products/services in rural market-
419	Climate Change and Disaster Management	MGDM 2403	2014	Develop disaster mitigation plans - Employability
420	Understanding & communicating to	MGDM 2404	2014	Develop skills to communicate with rural consumers effectively- Employability &
421	Value Chain Analysis	MGDM 2405	2014	To evaluate value chains for products and services Employability
422	Natural Resource Management	MGDM 2406	2014	Work effectively with, and within, interdisciplinary and diverse groups to
423	Organizing Conference –II	MGDM 2421	2014	Learning skills for promoting events- Skill development
424	Individual and Group Behaviour	MGDA1103	2017	Deal with behavioural challenges in an organization and insights for personal and

425	Principles of Management	MGAM1101	2017	Application of Basic management principles- Skill development
426	ICT in Agriculture	MGAM1102	2017	Applications of information & Community technology in various fields of agriculture
427	Agricultural Marketing	MGAM1203	2017	Effectively evaluate the challenges and prospects of agri marketing system, :
428	Economic Environment for	MGAM1204	2017	Developing aggregate capacity plans and agricultural policies for sustainable
429	Study of an Organization	MGAM2101	2017	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
430	Field Intervention/(Ag.	MGAM2102	2017	To apply and appraise concepts and theories learnt at the field- Employability &
431	Sales and Distribution Management	MGAM2103	2017	Develop a sales and distribution plan for products/services- Employability
432	Agricultural Extension	MGAM2104	2017	Design appropriate extension strategies in agribusiness- Employability
433	Corporate Social Responsibility	MGAM2105	2017	Demonstrate a multi-stakeholder perspective in viewing CSR issues, Compare
434	Disaster Management	MGAM2106	2017	To build skills and abilities in analyzing potential effects of disasters and the
435	Food Retail Management	MGAM2107	2017	Develop the structure of the retail industry, and handle challenges of working in
436	Post-harvest and Processing	MGAM2108	2017	Carry out Interdisciplinary approach to post-harvest management including biology,
437	Insurance and Risk Management	MGAM2109	2017	Adopt various types of risks and features of insurance, regulatory framework of
438	Management Action Component-1	MGAM2201	2017	Apply the Learning of concepts and theories in a real time organizational context-
439	Management Action Component - 2	MGAM2202	2017	Apply the Learning of concepts and theories in a real time organizational context-
440	Live-stock Management	MGAM2203	2017	Manage animals for food and fiber production: Employability
441	Agri-export and WTO	MGAM2204	2017	Analyse export markets and trade related aspects related to WTO agreements and
442	Total Quality Management	MGAM2205	2017	Ensures reduction of errors: Employability
443	Contract Farming	MGAM2206	2017	Develops strategies for fostering contract farming, legal aspects and skill development
444	Micro-finance and FI	MGAM2207	2017	Plan financial inclusion that include risk and liquidity, financial institutions, micro-
445	Advertising and Mass Communication	MGAM2208	2014	Introduce basic concepts of advertising and communication and different types of
446	Commodity Market and Trading	MGAM2209	2017	Develop plans to minimize risk through trade strategies: Employability, Entrepreneurship
447	Social Entrepreneurship	MGAM2210	2017	Promotes social enterprises Skill development

448	Comprehensive Viva Voice	MGDM2461	2014	Developing critical thinking - Employability
449	Proficiency in English	BBAR1101	2015	Communicate effectively: Employability
450	Basic Financial Accounting	BBAR1102	2015	Preparation and use of financial statement of different types of organisations:
451	Management Principles and	BBAR1103	2016	Application of Basic management principles in organizations- Employability
452	Micro Economics	BBAR1104	2015	Utilize micro economic concepts and techniques to take business decisions
453	Computer application in business	BBAR1105	2016	Identify and utilize appropriate technology for effective decision-making and improved
454	Reading to Writing	BBAR1201	2015	Increased reading speed and using academic vocabulary in writing - Employability
455	Organisational Behaviour	BBAR1202	2015	Analyze and compare different models of Human Behaviour - Employability,
456	Business Statistics	BBAR1203	2016	Use statistical tools for managerial decision-making- Employability, Entrepreneurship
457	Macro Economics	BBAR1204	2015	Apply macroeconomic perspective to solve business issues and take appropriate policy
458	MS EXCEL	BBAR1205	2016	Use Microsoft Excel for data analysis- Skill Development
459	Human Resource Management	BBAR2101	2015	Carry out human resource planning and Job analysis, develop, implement and evaluate
460	Principles of Marketing	BBAR2102	2016	Solving marketing issues faced by a variety of enterprises : Employability &
461	Cost & Management Accounting	BBAR2103	2016	Preparation of cost sheet and analysis of financial statements: Employability &
462	Oral Communication Skills	BBAR2104	2015	Use of strategies, such as contextualization of new vocabulary, use of previewing,
463	Production & Operation	BBAR2105	2015	Developing aggregate capacity plans and MPS in operation environments-
464	Research Methodology	BBAR2201	2015	Application of modern analytical tools and techniques for management decision
465	Operation Research	BBAR2202	2015	Develop a report that describes the model and the solving technique, analyse the
466	Financial Management	BBAR2203	2016	Application of concepts of financial management, investment, financing,
467	Business Communication	BBAR2204	2015	Use of strategies to demonstrate comprehension of written and spoken
468	Tally and ERP	BBAR2205	2016	Preparation of financial statement of different types of organisations with Tally:
469	Financial Institution and Markets	BBAR3101	2016	Use techniques for raising funds from capital market and from different sources-
470	Business Law for managers	BBAR3102	2016	Utilize legal framework for starting a business venture and running it successfully

471	Summer Internship	BBAR3103	2016	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
472	Business Policy	BBAR3201	2016	Discuss and define the factors that shape the SWOT analysis of a firm and develop an
473	Entrepreneurship Development	BBAR3202	2016	Develop business plan, assess the various opportunities and constraints for new
474	SPSS	BBAR3203	2016	Use SPSS for analyzing data and define a variety of statistical variables- Skill
475	International Finance	BBAF3101	2016	Use techniques for managing the financial issues in international environment -
476	Investment Banking & Financial Services	BBAF3102	2016	Use techniques for raising funds from capital market and from different sources-
477	Investment Analysis & Portfolio	BBAF3103	2016	Use methods of valuations of financial instruments and evaluation of risk as well as
478	Project Appraisal	BBAF3104	2016	Preparation of detailed project report, identification of a project, feasibility analysis
479	Business Analysis & Valuation	BBAF3105	2016	Analyse and interpret the financial statements for various decision making
480	Financial Modelling & Derivatives	BBAF3106	2016	Uses techniques of Financial modeling and various Financial Derivatives including
481	Strategic Corporate Finance	BBAF3107	2016	Use valuation principles, tools & techniques, the link between valuation and corporate
482	Research Project	BBAF3108	2016	Identification of research problems, collection of data and analysis of data :
483	Consumer Behaviour	BBAM3101	2016	Apply the concepts and theories covered in the course to devise effective solutions: Skill
484	Personal Selling & Sales Force	BBAM3102	2016	Evaluate the role of sales manager and his/ her responsibilities in recruiting, motivating,
485	Advertising & Brand Management	BBAM3103	2016	Appraise key issues in managing brand portfolio and making strategic branding and
486	Retail Management	BBAM3104	2016	Make merchandise plan and to procure right merchandise: Employability &
487	Distribution & Supply Chain Management	BBAM3105	2016	Design and implement distribution channel strategy: Employability, Entrepreneurship
488	Marketing of Services	BBAM3106	2016	Design service quality measurements to build customer loyalty and evaluate the
489	International Marketing	BBAM3107	2016	Assess an organization's ability to enter and compete in international markets:
490	Research Project	BBAM3108	2016	Identification of research problems, collection of data and analysis of data :
491	Hospitality management	BBAM3109	2016	Create policy and processes and execute decisions in compliance with the legal,
492	HRD : Systems & Strategies	BBAH3101	2016	Prepare strategies for development of human resources in organizations-
493	Training & Development	BBAH3102	2016	Prepare training calander and training contents by analysing the need-

494	Management of Industrial Relations	BBAH3103	2016	Plan policies towards Labour Welfare and maintain sound Industrial Relations-
495	Performance & Compensation	BBAH3104	2016	Fixing performance standards and performance indicators that reflect the
496	Counselling & Negotiation Skills for	BBAH3105	2016	Negotiation with business enterprises- Employability, Entrepreneurship
497	Cross Cultural HRM	BBAH3106	2016	Diversity management respecting the culture of employees- Employability,
498	Talent & Knowledge Management	BBAH3107	2016	Develop knowledge management process in the organization- Employability
499	Research Project	BBAH3108	2016	Identification of research problems, collection of data and analysis of data :
500	International Trade Policy & Strategy	BBAB3101	2016	Analyze new opportunities in international trade, global supply and value chains,
501	Global Business Environment	BBAB3102	2016	Analyse the key decisions that multinational firms make in relation to the
502	Transnational & Cross Cultural Marketing	BBAB3103	2016	Formulate marketing strategy taking into consideration cultural beliefs, values and
503	International Distribution & Supply	BBAB3104	2016	Use commonly accepted frameworks and tools to analyze supply chain situations-
504	International Accounting &	BBAB3105	2016	Prepare the mandatory financial statements, according to the IFRS- Employability
505	Multinational Business Finance	BBAB3106	2016	Can handle – Problems and issues in foreign investment, Manage payment settlements-
506	International Joint Ventures, Mergers &	BBAB3107	2016	Handle issues in mergers and acquisitions- Employability
507	Research Project	BBAB3108	2016	Identification of research problems, collection of data and analysis of data :
508	Financial Accounting I	BCFA1102	2017	Preparation and use of financial statement of different types of organisations:
509	Business Mathematics	BBAR1106	2017	Data analysis using mathematical function- Employability & Entrepreneurship
510	Business Economics	BCFA1104	2017	Apply macroeconomic perspective to solve business problems- Employability &
511	Business Law	BCOR1202	2017	Utilize legal framework for starting a business venture and running it successfully
512	Introduction to Banking	BBAR1208	2017	Carry out operational activities in commercial banks Employability
513	Business Environment	BBAR1206	2017	Analyse business environment and take appropriate decision Employability and
514	Financial Accounting II	BCFA1207	2017	Preparation and use of financial statement of different types of organisations:
515	Direct Tax	BBAR2106	2017	Can handle computation of heads of income and taxable income, TDS, advance tax etc.:
516	Indirect Taxes / GST	BBAR2107	2017	Calculate and file GST, levy and collection of tax, input tax credit, IGST act GSTN etc.:

517	Tally.ERP 9	BBAR2109	2017	Preparation of financial statement of different types of organisations with Tally:
518	Cost & Management Accounting	BBAR2110	2017	Preparation of cost sheet and analysis of financial statements: Employability &
519	Corporate Law	BBAR2108	2017	Utilize legal framework for starting a business venture and running it successfully
520	E-Commerce	BBAR2209	2017	carry out entrepreneurial activities electronically (E-commerce) Employability
521	Advanced Excel	BBAR2208	2017	Utilize advance features of Ms-excel in the day to day activities of the business,alsofor
522	Quantitative Techniques for	BBAR2207	2017	formulate complex problems into mathematical models to solve using
523	Auditing	BBAR2210	2017	Identify the areas of fraud and errors in the accounts and take corrective actions while
524	Business Ethics & Governance	BBAR2206	2017	Inroduction of ethical practices in business - Employability, Entrepreneurship
525	Corporate Accounting	BBAR3109	2017	Develop Accounting procedures used in corporates and the strategies involved in the
526	Financial Market Operation	BBAR3110	2017	Analyse Money market,Capital market, its instruments and apply the same in
527	On Job Internship-I	BBAR3111	2017	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
528	Global Finance	BBAR3209	2017	Apply suitable techniques and strategies to reduce risk in the foreign exchange market -
529	Banking Law & Practice	BBAR3210	2017	Adhere to Banking laws and practices while working in banking sector- Employanbility
530	On Job Internship-II	BBAR3211	2017	To make self-disciplined, self-motivated and integrate theory and practice- Employability,
531	Communication Research and	CCMC0909	2016	Analyse data with techniques of social science, media research - Skill development,
532	Digital Media	CCMC0910	2016	Students will be able to Competence skills in mordern media and will be able to analyse
533	International Communication	CCMC0911	2016	Skill development: The historical dimensions of international communication and the role
534	Cultural Studies	CCMC0912	2016	Skill development; Competence in the process of production of media culture and
535	Media Sustainability	CCMC0913	2016	Employability: Analysis of functioning. Laws relating to media and ethical aspects of
536	Radio and TV Program Production	CCMC0914	2016	Skills development in audiovisual production techniques, camera handling and planning
537	Thesis Preparation	CCMC1000	2016	Employability: Practical use of research methodology and will be able to work the
538	Internship	CCMC0801	2016	Employability : Industry setup and will be able to working in a real environment by
539	Project	CCMC0301	2016	Skill development in television and radio program production.

540	Animation	DCMC0601	2016	Ability to create quality animation performance through a creative and
541	Radio Jockeying	DCMC0602	2016	Skill development in aggregate capacity to develop the skills of a Radio Jockey.
542	TV Anchoring	DCMC0603	2016	Skill development in the aggregate capacity to develop the skills of a Television Anchor.
543	Fashion Photography	DCMC0604	2016	Skill development: Developing competency for professional fashion photography.
544	Media literacy and Film Appreciation	DCMC0605	2016	Skill development: Competence in different aspects of Film and will be able to analyze
545	Page to Television	DCMC0606	2016	Skill development: Competence in the process from initial stage to on air television
546	Web Content Development	DCMC0607	2016	Skill development: Competence in Content development for web site or digital media.
547	Basics in Computer Application	DCMC0608	2016	Skill Development: Competence in ms-office and other software.
548	Theatre Film and Television	DCMC0609	2016	Students will be able to develop skills in different aspects of Film and will be able to
549	Gaming	DCMC0610	2016	Skill development: Competence in the skills of game development.
550	Communication in History and History of	FCMC0901	2016	Utilise the skill in communication of the students- Skill development and students can
551	Introduction to Communication	CCMC0901	2016	Use the Communication skill and able to differentiate between different forms and
552	Introduction to Electronic Media	FCMC0902	2016	Competence in Print and Electronic Media and can work in Print and Electronic Media
553	Introduction to Print Media	CCMC0902	2016	Student will be able to get employment on print media- Employability
554	Media, Communications and	FCMC0903	2016	Enhance the skill of student can analyse process of production of media culture and
555	Organizational Communications	CCMC0903	2016	Develop the skill on role of communication in organizational system-Skill development
556	Development Communication	CCMC0904	2016	Students will make strategy designing and campaign designing skill and able to develop
557	Gender and Communication	CCMC0905	2016	Students will enhance their skill and able to raise gender issues and role of media in it-
558	Intercultural Communication	CCMC0906	2016	Competence on intercultural communication and culture influences the communication
559	Communication, Culture and Popular	CCMC0907	2016	Develop the skill on Media, Culture and Society relationship. Skill development
560	Media Institutions policy and Ethics	CCMC0908	2016	Develop the skill on ethical dimensions for the media content.-Skill development
561	Internship	DCMC0800	2016	Improve competency for the work in a real environment by understanding the industry
562	Final Project	DCMC0300	2016	Skill development;Analysing Media issues and analysis of media content.

563	Mathematical Physics	MSCP1101	2017	Skill - Tensors: Tensor analysis, Pseudo-tensors, Dual tensors. Gamma function and
564	Classical Mechanics	MSCP1102	2017	Employability - Variational principle, Central force problem, Canonical transformations,
565	Quantum Physics I	MSCP1103	2017	Employability - Angular Momentum, The Hydrogen Atom, Perturbation Theory.
566	Electrodynamics & Special Relativity	MSCP1104	2017	Employability - The special theory of relativity, Relativistic Mechanics, Relativistic
567	Modern Physics Lab	MSCP1105	2017	Skill - Practice course
568	Solid State Physics	MSCP1201	2017	Employability - Crystal Vibrations (Phonon theory), Thermal Properties of Solid, Free
569	Electronics Devices and Circuits	MSCP1202	2017	Employability - Bipolar junction Transistor, Field Effect Transistors, Operational
570	Computational Physics	MSCP1203	2017	Skill - Learning several numerical differentiation and integral methods to solve
571	Computational Physics Lab	MSCP1204	2017	Skill and employability - Learning simulation and solving problems using programming.
572	Electronics Devices Lab	MSCP1205	2017	Skill - Experiments done on electronic devices like Junction Diodes, Zener Diode,
573	Atomic and Molecular Physics	MSCP2301	2017	Employability - Molecular spectra , Laser.
574	Nuclear and Particle Physics	MSCP2302	2017	Employability - Nuclear models:Shell Model, Liquid Drop Model, Nuclear Reactions, Sub-
575	Quantum Physics II	MSCP2303	2017	Employability - Variational Methods, WKB Approximation, Time Dependent
576	Microprocessor and Interfacing devices	MSCP2304	2017	Employability - Microprocessor Architecture, Assembly language program & executing
577	Soft Matter Physics	MSCP2305	2017	Employability - Elastic soft matter, Liquid crystals, Brownian motion and thermal
578	Microprocessor lab	MSCP2306	2017	Skill - Microprocessors Lab
579	Materials Lab I	MSCP2307	2017	Skill - Materials Lab I
580	Electronics Communication	MSCP2401	2017	Employability - Analog Modulation Systems, Digital Modulation Systems, Optical
581	Electronics simulation Lab	MSCP2402	2017	Skill - Electronics simulation lab.
582	Introduction to Bio- and Nano-materials	MSCP2403	2017	Employability - Natural biomaterials, Nano-Materials Introduction, Synthesis Routes,
583	Advanced Solid State Physics	MSCP2404	2017	Employability - Many Body Systems, Magnetic properties
584	Materials Lab II	MSCP2405	2017	Skill - Materials lab II, Employability - synthesis of materials, Analysis of dielectric
585	Statistical Physics	MSPH3602	2017	Employability -The Statistical Basis of Thermodynamics, Canonical Ensemble, The

586	Embedded System	MSPH5103	2017	Employability - Embedded systems
587	Project/Dissertation	MSPP2401	2017	Skill - project work, writing a report, writing a research article.
588	Seminar I	MSPS2301	2017	Skill - Learning to develop a PPT and improving communication skill.
589	Seminar II	MSPS2401	2017	Skill - Learning to develop a PPT and improving communication skill.
590	Introduction to Research	MSRM5101	2017	Skill - Research Process, Data Analysis, Building Mathematical Models,
591	Advanced Physical Chemistry I	MSCC1101	2017	employability-Chemical Dynamics ,Adsorption,Electrochemistry,
592	Advanced Inorganic Chemistry I	MSCC1102	2017	Employability-Metal-Ligand Bonding-I&II, Electronic Spectra and Magnetic Properties
593	Advanced Organic Chemistry I	MSCC1103	2017	Employability-Aliphatic Nucleophilic Substitution,Aromatic Nucleophilic
594	Polymer Chemistry	MSCC1104	2017	Employability-Kinetics of melting, crystal morphology, free volume, distribution of
595	Chemistry Laboratory 1	MSCC1105	2017	Skill-Inorganic Chemistry Practical-I,Organic Chemistry Practical-I
596	Advanced Physical Chemistry II	MSCC1201	2017	Employability-Non-ideal systems,Quantum Chemistry-I,II ,III and IV.
597	Advanced Inorganic Chemistry II	MSCC1202	2017	Employability-Metal n -Complex,Metal Clusters,Organometallic Chemistry I & II .
598	Advanced Organic Chemistry II	MSCC1203	2017	Employability-Organic Synthesis and retrosynthesis,Organometallics in
599	Nuclear Chemistry	MSCC1204	2017	Employability-Systematic Study of alpha, beta and gamma decays,Module-II & III, Nuclear
600	Chemistry Laboratory 2	MSCC1205	2017	Skill-Organic chemistry practical-III
601	Water Quality Analysis	SBFE3127	2017	Skill- Water Quality Analysis
602	Pharmaceutical Chemistry	MSCC1001	2017	Skill-Pharmaceutical Chemistry
603	Clinical Practice lab	SBFE3152	2017	Skill-Clinical Practice Lab
604	Analytical Chemistry	MSCC1002	2017	Skill-Analysis of soil,food products,Chromatography
605	Advanced Inorganic Chemistry III	MSCC2301	2017	Skill-Instrumental Method of Analysis,Raman Spectroscopy,Homogeneous and
606	Advanced Organic Chemistry III	MSCC2302	2017	Employability-Bioenergetics,Amino Acids, Peptides and
607	Advanced Physical Chemistry III	MSCC2303	2017	Employability-Electronic spectra of molecule,Electronic spectra of diatomic
608	Advanced Solid State Chemistry	MSCC2304	2017	Employability-Bonding in Solids,of solids-band theory,Mechanical Properties of

609	Chemistry Laboratory 3	MSCC2305	2017	Skill-Physical Chemistry Practical
610	Green Chemistry Lab	MSCC2306	2017	Skill-Green Chemistry Lab
611	Advanced Organic Spectroscopy	MSCC2401	2017	<i>Skill-Ultraviolet Spectroscopy, IR Spectroscopy, IR Spectroscopy-II, Nuclear</i>
612	Advanced Bio-Inorganic Chemistry	MSCC2402	2017	Employability-Metalloporphyrins and Iron-sulphur Protein, Metalloporphyrins and Iron-
613	Seminar	MSCS2401	2017	Skill-To creat a research mind in students
614	Chemistry Laboratory 4	MSCC2403	2017	Skill-Instrumental Methods of Analysis Lab
615	MATHEMATICAL MODELLING	MSMA 4701	2017	Skill- Mathematical modelling through ordinary differential equations of first order.
616	ABSTRACT ALGEBRA - I	MSMA 4702	2017	Employability - Automorphisms, Cayley's Theorem, Permutations Groups
617	ADVANCED ANALYSIS	MSMA 4703	2017	Employability - Connected sets, Bounded sets, Totally Bounded sets, Complete Metric
618	PARTIAL DIFFERENTIAL	MSMA 4704	2017	Skill- Eigen value Problems Employability - The Cauchy Problem, The
619	DIFFERENTIAL GEOMETRY	MSMA 4705	2017	Employability - Fundamental Triads, Curves, Serret-Frenet Formulae, Curvatures and
620	MEASURE THEORY	MSMA 4801	2017	Employability - Outer measure, Measurable sets and Lebesgue measure
621	ADVANCED CALCULUS	MSMA 4802	2017	Skill- Derivatives of functions on R^n , Differentiation of composite functions
622	TOPOLOGY	MSMA 4803	2017	Employability - T_0 - and T_1 - spaces and sequence, Axioms of countability
623	FLUID DYNAMICS – I	MSMA 4804	2017	Employability - Fundamental equations of the flow of viscous compressible fluids
624	TENSOR ANALYSIS	MSMA 4805	2017	Skill- Riemann Geometry Employability - Tensor Algebra, Applications
625	ABSTRACT ALGEBRA-II	MSMA 5101	2017	Employability -Algebra of Linear Transformations, Characteristic Roots
626	COMPLEX ANALYSIS-II	MSMA 5102	2017	Employability -General form of Cauchy's Theorem, Calculus of Residues, Evaluation of
627	FLUID DYNAMICS – II	MSMA 5103	2017	Employability -The Laminar boundary layer, Properties of Navier-Stokes equations
628	OPERATION RESEARCH – II	MSMA 5104	2017	Skill- Graphical method for $2 \times n$ and, $m \times 2$ matrix games
629	NUMBER THEORETIC CRYPTOGRAPHY	MSMA 5105	2017	Employability -Enciphering matrices, The idea of public key Cryptography, RSA
630	THEORY OF COMPUTATION	MSMA 5201	2017	Employability -Computability Theory: Churh-Turing thesis
631	ADVANCED NUMERICAL ANALYSIS	MSMA 5202	2017	Employability -Eigen values and Eigen Vectors: Basic power method, Rayleigh

632	COMMUNICATIVE ENGLISH AND	BSMA2001	2017	skill- Effective oral and written communication
633	FORTRAN-95 PROGRAMME	BSMA2002	2017	skill- Learn fundamental concepts of FORTRAN-95 and able to translate scientific
634	MAT LAB	BSMA2003	2017	skill- Write systems of equations in matrix form
635	Microbiology	MSBO1101	2017	Higher studies/Employability- Students learn on preparation and sterilization of media,
636	Plant Diversity	MSBO1102	2017	Higher studies/Skill-Pursue higher studies and enhance their skill on culture,
637	Cell Biology	MSBO1103	2017	Employability-Perform comparative karyotypic analysis, techniques like
638	Plant Ecology	MSBO1104	2017	Employability-Practical on biodiversity measurement by different indices,
639	Botany Laboratory-I	MSBO1105	2017	Employability/Skill-Acquire general idea on instruments used in microbiology laboratory
640	Genetics and Molecular Biology	MSBO1201	2017	Higher studies/Skill- Students can isolate plant DNA & quantification of extracted DNA
641	Plant Physiology, Metabolism, and	MSBO1202	2017	Employability- Practicals on study of principles of spectrophotometer &
642	Biostatistics and Instrumentation	MSBO1203	2017	Skill-Hand on practice on different tool like PAGE, XRF, chromatography, spectroscopy
643	Environmental Pollution and	MSBO1204	2017	Employability-Testing water and soil quality,practicals on Phytoremediation and
644	Botany Laboratory-II	MSBO1205	2017	Skill-Gain practical knowledge on molecular biology, physio and biochemical analysis;
645	Systematics and Pathology	MSBO2301	2017	Employability-Identification of plants, plant diseases and control measures
646	Natural Resource Management and	MSBO2302	2017	Skill/ Employability- Bioresource management.
647	Embryology and Anatomy	MSBO2303	2017	Skill-Gain practical knowledge on anatomical identifications of plant parts
648	Techniques of Tissue Culture	MSBO2304	2017	Entrepreneurship- Practicle on Production of synthetic seeds, Techniques of surface
649	Botany Laboratory-III	MSBO2305	2017	Skill-Acquire practical knowledge on economic crops; learn media preparation
650	Scientific visit	MSBP2301	2017	Skill- Observe and get knowledge on various fields of research in science in different
651	Plant Biotechnology and Bioinformatics	MSBO2401	2017	Entrepreneurship/Employability- Practicle on Production of synthetic seeds, Techniques of
652	Eco toxicology & Waste Management	MSBO2402	2017	Employability-Practicle on E-waste management, smart waste management;
653	Microbial Technology & Physiology	MSBO2403	2017	Employability-Perform fermentation technology, Food processing technology
654	Project/Dissertation	MSBP2401	2017	Employability- Problem analysis by opting the project work, findings and presentation

655	Seminar	MSBS2401	2017	Skill-Build up confidence to present their research paper in Conferences/Seminars
656	Bio-fertilizer	MSLS1001	2017	Skill- Isolation of Rhizobium or Azotobacter from plant root nodules& rhizosphere,
657	Tools and Techniques in Biosciences	MSLS1002	2017	Skill-Hand on practice on different tool like PAGE, XRF, chromatography, spectroscopy
658	Phytochemistry and Pharmacogony	MSLS1003	2017	Skill- Practice oh phytopharma, plant based drug discovery and secondary metabolite
659	Apiculture	MSLS1004	2017	Skill- Study of chamber of honey box, honey bee culture..Honey extraction and analysis of
660	Medical Diagnostics	MSLS1005	2017	Skill-Perform experiment on stool ,sputum and semen ,urine, blood analysis and and
661	Animal Diversity	MSZO1101	2017	Skill - Protozoan parasites in brief (Trypanosome, Plasmodium), Canal system
662	Biosystematics and Taxonomy	MSZO1102	2017	Employability - . History of Classification Trends in biosystematics: Chemotaxonomy
663	Cell & Molecular Biology	MSZO1103	2017	Employability - CellSignaling: Signalling molecules and signal receptors, second
664	Biochemistry	MSZO1104	2017	Employability - Carbohydrate metabolism: Glycolysis, TCA cycle, pentose-phosphate
665	Zoology Laboratory-I	MSZO1105	2017	Skill - 1. Study of Museum Specimen 2. Preparation & mounting of Microscopic
666	Comparative Anatomy of vertebrates	MSZO1201	2017	Skill - Comparative account of respiratory organs.Comparative account of Digestive
667	Microbiology	MSZO1202	2017	Skill - General features of Archaea, Structure, Nutrition and Reproduction of Eubacteria,
668	Genetics	MSZO1203	2017	Skill - Sex chromosomes, Chromosomal sex determination: XX-XY, XX-XO and ZZ-ZW
669	Immunology and Cancer Biology	MSZO1204	2017	Employability - Antigen – Antibody interaction (Antibody affinity, Radial and
670	Zoology Laboratory-II	MSZO1205	2017	Skill - 1. Study of Museum Specimen 2. Study of anatomical slides
671	Physiology & Endocrinology	MSZO2301	2017	Skill - The heart: cardiac cycle & its regulation, pulmonary ventilation,
672	Animal Biotechnology	MSZO2302	2017	Skill - Animal cell and tissue culture technology: Cell culture laboratory design
673	Ecotoxicology	MSZO2303	2017	Employability - Productivity, Production and analysis.Recycling and reuse technologies for
674	Quantitative Biology & wild life	MSZO2304	2017	Skill - Biodiversity: concept and principal of biodiversity, causes for the loss of
675	Zoology Laboratory-III	MSZO2305	2017	Skill - 1. Study of T.S,V.S,L.S of different mammalian organ
676	Developmental Biology	MSZO2401	2017	Skill - Primordial germ cells, Spermatogenesis, Oogenesis, Fertilization:
677	Instrumentation & Biophysics	MSZO2402	2017	Skill - Principle of operation and Instrumentation of Light, Fluorescence and

678	Environment and Pollution	MSZO2403	2017	Employability - biomass production, biotechnology for generation of biogas ,
679	English	BSFL1101	2016	Skill - Communication, Communicative Grammar, Sounds of English
680	Environmental Science	FCBS0101	2016	Employability - Environmental Science
681	Mathematical Physics-1	BSPH1101	2016	Skill - Practice using programming in C.
682	Mechanics	BSPH1102	2016	Skill - Mechanics Lab
683	Thermal Physics	BSPH1201	2016	Employability - Laws of Thermodynamics, Carnot engine & efficiency. Carnot's
684	Waves and optics	BSPH1202	2016	Employability - Interferometer, Diffraction grating. Resolving power of grating, Fresnel's
685	Mathematical Physics II	BSPH2301	2017	Skill - Practice using Scilab leads to computational skill.
686	Electricity and Magnetism	BSPH2302	2017	Employability - Magnetic Properties of Matter, Magnetization, Electromagnetic
687	Analog systems and Applications	BSPH2303	2017	Employability - Semiconductor Diodes, Two-terminal Devices and their Application,
688	Mathematical Physics III	BSPH2401	2017	Skill - Develop the skill of solving mathematical problems using Scilab.
689	Elements of Modern Physics	BSPH2402	2017	Employability - Radioactivity, Fission and Fusion, Lasers.
690	Digital systems and Applications	BSPH2403	2017	Employability - CRO uses, Integrated Circuits, Digital Circuits, Data processing circuit,
691	Quantum Mechanics & Applications	BSPH3501	2017	Employability - Schrodinger equation and its solution, its application, hydrogen-like
692	Solid State Physics	BSPH3502	2017	Employability - Magnetic properties of materials, dielectric properties of materials,
693	Electro-magnetic Theory	BSPH3601	2017	Skill - Electromagnetic lab.
694	Statistical Mechanics	BSPH3602	2017	Skill - Learn to solve statistical physics problems through computational methods
695	Experimental Techniques	BSPH3503	2017	Employability - Experiments are done on, Thermostat, ultrasonic transducer, Calibrate
696	Embedded systems- Introduction to	BSPH3504	2017	Employability - Embedded system, microprocessors, 8051 microcontroller, 8051
697	Physics of Devices and Communication	BSPH3505	2017	Employability - Physics of Devices, Power supply and Filters, Phase detector ,
698	Advanced Mathematical Physics-	BSPH3506	2017	Skill - Advanced Mathematical Physics lab
699	Advanced Mathematical Physics-	BSPH3507	2017	Employability - Enterprenuership -
700	Classical Dynamics	BSPH3508	2017	Employability - Small amplitude oscillations, special theory of relativity, tensors, fluid

701	Applied Dynamics	BSPH3603	2017	Employability - Dynamical systems, Chaos and Fractals, Fluid Dynamic
702	Communication System	BSPH3604	2017	Employability - Communication and Navigation systems, Satellite
703	Nuclear and Particle Physics	BSPH3605	2017	Employability - Nuclear Models, Radioactivity decay, Nuclear Reactions,
704	Astronomy and Astrophysics	BSPH3606	2017	Employability - Astronomy and Astrophysics Skill - Astronomical Scales, Astronomical
705	Dissertation	BSPH3607	2017	Employability - Project work Skill - Project work
706	Physics Workshop Skills	BSPH2001	2017	Skill - Experiments are done to learn different measurement methods, different
707	Computational Physics Skills	BSPH2002	2017	Skill - Programming using FORTRAN
708	Electrical circuits and Network Skills	BSPH2003	2017	Skill - Experiments done to understand and analyse circuits and networks, to design
709	Basic Instrumentation Skills	BSPH2004	2017	Skill - Designing and implementing systems utilizing analog / digital control devices and
710	Applied Optics	BSPH2005	2017	Skill - Learning about different light sources, detectors, holography and photonics.
711	Inorganic chemistry-I	BSCH1101	2017	Skill- Wave mechanics and Inorganic Chemistry-I Lab , enterperneurship-Atomic
712	Physical Chemistry-I	BSCH1102	2017	Employability-Gaseous state 1 &2 ,enterperneurship-Liquid state:,gaseous
713	Organic Chemistry-I	BSCH1201	2017	Employability-Basics of Organic Chemistry,Stereochemistry,Chemistry of
714	Physical Chemistry-II	BSCH1202	2017	Employability-Chemical Thermodynamics,Second Law of
715	Inorganic chemistry-II	BSCH2301	2017	Skill-General Principles of Metallurgy-1,- Inorganic Chemistry Practice. Employability-
716	Organic Chemistry-II	BSCH2302	2017	Employability-Chemistry of Halogenated Hydrocarbons-1&2, Organometallic
717	Physical Chemistry-III	BSCH2303	2017	Employability-Phase Equilibria-1 &2, Chemical Kinetics-2,Catalysis,Surface chemistry. Skill-
718	Inorganic Chemistry-III	BSCH2401	2017	Employability-Coordination Chemistry-1&2,Transition Elements,Lanthanoids and
719	Organic Chemistry-III	BSCH2402	2017	Employability-Nitrogen Containing Functional Groups,Heterocyclic Compounds-1&2
720	Physical Chemistry-IV	BSCH2403	2017	Employability-Electrical & Magnetic Properties of Atoms and Moleculesand
721	Organic Chemistry-IV	BSCH3501	2017	Employability-Nucleic Acids,Amino Acids,Peptides,Enzymes,for transfer of
722	Physical Chemistry-V	BSCH3502	2017	Employability-Molecular Spectroscopy,Raman spectroscopy,Nuclear Magnetic Resonance
723	Inorganic Chemistry-IV	BSCH3601	2017	Employability-General methods of preparation of mono and binuclear

724	Organic Chemistry-V	BSCH3602	2017	Employability-Organic Spectroscopy,Carbohydrates,Dyes,Metalloce
725	Industrial Chemicals and Environment	BSCH3503	2017	Employability-Industrial Gases and Inorganic Chemicals,Inorganic Chemicals,Energy &
726	Inorganic Materials of Industrial Importance	BSCH3504	2017	Employability-Glass,Ceramics,Fertilizers,Surface
727	Research Methodology for	BSCH3603	2017	Skill-Methods of Scientific Research and Writing Scientific Papers-II,Chemical Safety
728	Instrumental Methods of Chemical Analysis	BSCH3604	2017	Skill-Introduction to spectroscopic methods of analysis,Molecular
729	Basic Pharmaceutical Chemistry	BSCH2001	2017	Skill-Drugs & Pharmaceuticals,practice
730	Analytical Clinical Biochemistry	BSCH2002	2017	Skill-Basic understanding of Carbohydrates,Blood and Urine , practice
731	Green Methods in Chemistry	BSCH2003	2017	Skill-Green Chemistry lab
732	Basic Analytical Chemistry	BSCH2004	2017	Skill-Analysis of soil,Analysis of food products,
733	Calculus	BSMA1101	2016	Skill- Lab work to be performed on a Computer
734	Linear Algebra	BSMA1102	2016	Skill –To gain the knowledge on MATLAB and uses in algebra.
735	Ordinary Differential Equations	BSMA1202	2016	Skill –To understand solving Free Undamped Motion of a Spring System using Python and
736	Numerical Analysis	BSMA2401	2017	Skill – Numerical Solution of different linear and non-linear equations using software.
737	Complex Analysis	BSMA3501	2017	Skill –Learn the Plotting of complex functions using Matlab
738	Discrete Mathematical	BSMA3602	2017	Skill –To work with different types of Sets, Lattices and Boolean Algebra using Python
739	Linear Programming	BSMA3601	2017	Skill - To demonstration of the utilization of Linear Programming Problems in industry
740	Analysis-I	BSMA1201	2017	Skill- In much of analysis, the emphasis is not on finding explicit solutions to specific
741	Analysis-II	BSMA2301	2017	Skill - To describe various theorems about Riemann sums and Riemann integrals and
742	Modern Algebra	BSMA2302	2017	Skill - To introduce students to the language and precision of modern algebra
743	Partial Differential Equations and System	BSMA2303	2017	Skill - Introduce students to how to solve linear Partial Differential Equations with
744	Advanced Analysis	BSMA2402	2017	Skill - Construct rigorous mathematical proofs of basic results in real analysis;
745	Programming in C	BSMA2403	2017	Skill - To understand advanced concepts of C such as Arrays, Strings, functions pointers
746	Probability and Statistics	BSMA3502	2017	Skill- To apply probability and statistics in engineering and science like disease

747	Phycology and Microbiology	BSBO1101	2017	Employability- Classification and identification of microbes and algae.
748	Biomolecules & Cell biology	BSBO1102	2017	Employability- Carbohydrates,Lipids,Nucleic Acids,Bioenergetics
749	Mycology & Phytopathology	BSBO1201	2017	Skill- practice on identification of different casuative agent of plant pathogen like fungi,
750	Archegoniate	BSBO1202	2017	Employability-Learn the phylogeny of archegoniate .
751	Anatomy of Angiosperms	BSBO2301	2017	Employability-Learn identification of plants based on cytotaxonomy, helps in forensic
752	Economic Botany	BSBO2302	2017	Entrepreneurs- Practice on Economic importance of Cereals, Legumes, Tea plant
753	Basics of Genetics	BSBO2303	2017	Skill-Learn to carry out specific activities, such as selection of parental germplasm,
754	Molecular Biology	BSBO2401	2017	Skill- Students can isolate plant DNA & quantification of extracted DNA by
755	Plant Ecology and Phytogeography	BSBO2402	2017	Employability-Soil,Water,Light, temperature, wind ,fire and Plant Communities.
756	Plant Systematics	BSBO2403	2017	Employability- Students can easily identified plants, prepared and seposited herbarium,
757	Reproductive Biology of Angiosperm	BSBO3501	2017	Employability -Keen Observations of some of the variation in different parts of sample
758	Plant Physiology	BSBO3502	2017	Employability- A keen observation and application of Plant water relationship and
759	Plant Metabolism	BSBO3601	2017	Employability- Students isolate and quantify the biomolecules, metabolites present on
760	Plant Biotechnology	BSBO3602	2017	Entrepreneurship- Learn the basics principles of plant sciences and molecular biology and
761	Analytical Techniques in Plant Sciences	BSBO3503	2017	Skill-Students will be exposed to ELISA, various blotting techniques, separate
762	Biostatistics	BSBO3504	2017	Skill-Hand on practice on data analysis using chi square test, student t test etc.
763	Bioinformatics	BSBO3603	2017	Employability- Different biological Data bases.
764	Natural Resource Management	BSBO3604	2017	Employability- Management of nautral resources and IPR
765	Techniques in Biofertilizer	BSLS2001	2017	Skill- Isolation of Rhizobium or Aztobacter from plant root nodules& rhizosphere,
766	Skill in Apiculture	BSLS2002	2017	Skill-Collaboration work with OUAT(Entomology Department) for
767	Herbal Technology	BSLS2003	2017	Skill- Extraction and isolation of essential oil and secondarymetabolites of Tulsi, neem
768	Techniques in Medical Diagnostics	BSLS2004	2017	Skill- Hand on practice on Blood sugar level, Partial oxygen saturation, cholestrol analysis
769	Non-Chordates I	BSZO1101	2017	Employability - General characteristics and Classification up to classes, Study of Euglena,

770	Principles of Ecology	BSZO1102	2017	Employability - Unitary and Modular populations Unique and group attributes of
771	Non-Chordate II	BSZO1201	2017	Employability - Annelida: General characteristics and Classification up to
772	Cell Biology	BSZO1202	2017	Employability -Cell Division: Mitosis, Meiosis, Cell cycle and its regulation, Cell Signaling:
773	Diversity of Chordates	BSZO2301	2017	Employability - General characteristics and outline classification, General characteristics
774	Animal Physiology: Controlling and	BSZO2302	2017	Employability - Physiology of hearing and vision, Histology of testis and ovary;
775	Fundamentals Of Biochemistry	BSZO2303	2017	Employability - Carbohydrates: Structure and Biological importance: Monosaccharides,
776	Comparative Anatomy of Vertebrates	BSZO2401	2017	Employability : Overview of axial and appendicular skeleton, Jaw
777	Animal Physiology: Life Sustaining	BSZO2402	2017	Employability • Determination of ABO Blood group
778	Biochemistry of Metabolic Processes	BSZO2403	2017	Employability - Carbohydrate Metabolism , Lipid Metabolism, Protein Metabolism,
779	Molecular Biology	BSZO3501	2017	Employability - Salient features of DNA and RNA,Watson and Crick model of DNA DNA
780	Principles Of Genetics	BSZO3502	2017	Employability - Types of chromosomal aberrations (Classification, figures and
781	Developmental Biology	BSZO3601	2017	Employability- Early Embryonic Development Gametogenesis, Spermatogenesis,
782	Evolutionary Biology	BSZO3602	2017	Employability- Population genetics: Hardy-Weinberg Law (statement and derivation of
783	Animal Biotechnology	BSZO3503	2017	Employability-Genetically Modified Organisms , Applications of transgenic
784	Fish and Fisheries	BSZO3504	2017	Employability- Sustainable Aquaculture; Extensive, semi-intensive and intensive
785	Immunology	BSZO3603	2017	Employability-Cell and molecules involved in innate immunity, Adaptive immunity (Cell
786	Fundamentals of Agronomy	ASAG1101	2017	Understanding the tools of agronomy and their application in crop production: skill
787	Fundamentals of Genetics	ASPG1101	2017	Application of genetic principles in plant breeding:employability& skill dev.
788	Fundamentals of Soil Science	ASAC1101	2017	Understanding the theory of soil science and its characteristics :employability.
789	Fundamentals of Horticulture	ASHO1101	2017	Understanding the fundamentals of various aspects of horticulture crops :employability
790	Fundamentals of Plant Pathology	ASPP1101	2017	Understanding the fundamentals of plant disease causing organisms and their
791	Rural Sociology & Educational	ASEE1102	2017	Learning the basic concepts of rural sociology and psychology for its application
792	Soil and Water Conservation	ASAE1101	2017	Understanding about the principles of soil water conservation:employability

793	NSS/NCC/Physical Education & Yoga	ASPE1101	2017	Understanding and application of different yoga asanas and pranayama techniques for
794	Irrigation water management	ASAG1206	2017	Understanding the practices of water management and its application in irrigation
795	Production Technology for	ASHO1203	2017	Understanding the different methods i.e. seed treatment and vegetative propagation
796	Fundamentals of Entomology – I (Insect	ASEN1201	2017	Understanding the basic principles of morphology of different plant disease
797	Fundamentals of Agricultural Extension	ASEE1201	2017	Learning about the latest extension methods i.e. audio-visual aids, field demonstration:
798	Farm Machinery and Power	ASAE1202	2017	Learning about latest machines used in crop production: employability
799	Crop Production Technology – I	ASAG2103	2017	Developing skills i.e. field management, cultural practices, disease and pest
800	Fundamentals of Plant Breeding	ASPG2103	2017	Understand the basic methods of plant breeding i.e. emasculation and crossing : Skill
801	Fundamentals of Entomology- II (Insect	ASEN2102	2017	Understanding the basic principles of morphology of different plant disease
802	Weed management	ASAG2105	2017	Identification of Weeds and its management in different crops : employability
803	Production technology of fruits	ASHO2102	2017	Understanding the different methods i.e. grafting, budding and layering for production
804	Agricultural Informatics	ASAI2101	2017	To disseminate, capture, access information to achieve sustainable use of agricultural
805	Communication skills and personality	ASEE2104	2017	Develop knowledge of english communication through presentation,
806	Crop Production Technology –II (Oil	ASAG2204	2017	Developing skills i.e. field management, cultural practices, disease and pest
807	Production Technology for	ASHO2204	2017	To gain expertise in production of ornamental crops and landscaping :
808	Renewable Energy and Green Technology	ASAE2203	2017	Understanding the principles of renewable energy for agriculture practice: employability
809	Manures, Fertilizers and Soil Fertility	ASAC2202	2017	Understanding the manures and fertilizer and its application: skill and employability.
810	Fundamentals of Plant Biotechnology	ASPB2201	2017	Understanding and learning about the methods of plant biotechnology i.e. DNA
811	Rain-fed Agriculture & Watershed	ASAG2211	2017	Understanding the methods of rainwater harvesting and groundwater recharging
812	Principles of seed technology	ASPG2202	2017	Gaining knowledge in seed storage, certification and marketing ways:
813	Diseases of Field and Horticultural Crops	ASPP2202	2017	Identification and management of diseases of field crops :employability
814	Entrepreneurship Development and	ASEE3103	2017	Development of entrepreneurial mindset and entrepreneurial skills for building a start-
815	Problematic Soils and their Management	ASAC3103	2017	Understanding fertility and pH levels of soil to manage problematic soils :skill dev and

816	Pests of field Crops and Stored Grain and	ASEN3103	2017	Identification and management of store pest and management of field crops
817	Diseases of Field and Horticultural Crops	ASPP3103	2017	Identification and management of diseases of horticultural crops :employability
818	Crop Improvement-I (Cereals,millets,pulses	ASPG3104	2017	Developing skills i.e. field management, cultural practices, disease and pest
819	Principles of food science and nutrition	ASFS3101	2017	Identification of microbes in food processing and packaging: employability
820	Geoinformatics and Nano-technology for	ASAG3110	2017	To gain knowledge in nano materials and geoinformatics applicaions i.e. moonsoon
821	Practical Crop Production – I (Kharif	ASAG3108	2017	To gain expertise in production of commercial kharif crops: employability
822	Farming System & Organic farming for	ASAG3207	2017	To gain expertise in organic farming practice: employability, skill development and
823	Practical crop production II (Rabi	ASAG3209	2017	To gain expertise in commercial rabi crop production: employability
824	Post-harvest Management and	ASHO3205	2017	Understanding different practices with relation to Value addition of fruits and
825	Pests of horticultural crops and their	ASEN3204	2017	Identification and management of crop & storedgrain pests :employability & skill dev
826	Crop Improvement-II (fibre, sugar, starches,	ASPG3205	2017	Developing skills i.e. field management, cultural practices, disease and pest
827	Principles of Integrated Pest and	ASPP3204	2017	Identification of insects pests of different crops and its integrated pest management-
828	Protected cultivation and post harvest	ASAE3204	2017	Understanding different practices with relation to Value addition of fruits and
829	Intellectual Property Rights	ASIP3201	2017	Understanding the process to file patent and register for copyrights:skill and employability.
830	Farm Management	ASEC3204	2017	Expertise to manage agriculture farm : Employability
831	Agribusiness Management	ASFE2207	2017	Understanding agriculture and allied business along with building skills i.e.
832	Agrochemicals	ASFE2206	2017	Gaining information on different types of agrochemicals used in agriculture:
833	Commercial Plant Breeding	ASFE2204	2017	Understanding of commercial plant breeding techniques i.e. emasculation, crossing and
834	Food safety and Standards	ASFE2201	2017	Understanding the different food safety principles i.e. pasturization, canning etc: Skill
835	Biopesticides & Biofertilizers	ASFE2205	2017	Understanding the techniques involved in biopesticide and biofertilizer production:
836	Micro propagation Technologies	ASFE2208	2017	Gaining knowledge in different micro irrigation techniques i.e. sprinkler and drip
837	Hi-tech. Horticulture	ASFE2202	2017	Gaining knowledge in different techniques i.e. vertical farming and hydroponics of
838	Remote Sensing & GIS Applications	ASFE2209	2017	Understanding the applications of remote sensing i.e. analyzing the condition of rural

839	Climate Smart Agriculture	ASFE2210	2017	Gaining knowledge on the usage of drones in agriculture for crop improvement:
840	E-Agriculture	ASFE2212	2017	Gaining knowledge in technology dissemination, and information delivery
841	Agricultural Waste Management	ASFE2203	2017	Understanding the various methods for agricultural waste management i.e. green
842	Principles of Aquaculture	ASFE2213	2017	Understanding the various methods i.e. breeding, raising and harvesting in fish
843	RAWEP	AGRW4101	2017	To impart diagnostic and remedial practical training and skills in crop
844	AELP	AGEL4201	2017	To promote professional skills and knowledge through hands on experience. To
845	Principles and practices of weed	MAAG 1102*	2017	Skill development: Identification of different weeds and their control which in turn would
846	Principles and practices of water	MAAG 1103*	2017	Skill development: The students can learn about judicious water management using
847	Agronomy of major cereals and pulses	MAAG 1204*	2017	Skill development: Students gain an insight into the different package and practices for
848	Agronomy of oilseed, fibre and sugar crops	MAAG 1205*	2017	Skill development: Students gain an insight into the different package and practices for
849	Cropping systems and sustainable	MAAG 1206*	2017	Skill development: The students acquire knowledge about different cropping systems
850	Dry land farming and watershed	MAAG2107*	2017	Skill development: On the basis of climatic situations, students will learn raising of
851	Master's seminar	MAAG1291*	2017	To exploit newly evolved research techniques for enhancing the traits in
852	Master's Research	MAAG2199*& MAAG2299*	2017	Research: To carry out activities using newly developed techniques for enhancing the
853	Soil fertility and fertilizer use	MASA1101	2017	Skill development: Students gain knowledge on the application of fertilizers and soil
854	Management of problem soils and	MASA1202	2017	Skill development: students study different methods for the reclamation of problematic
855	Statistical methods for applied sciences	MAST 2102	2017	Skill: To exploit various statistical tools as well as techniques to compile raw data for
856	Experimental designs	MAST 1201	2017	The students can analyze the data of field experiments and interpret the same in the
857	Library and information services	MALI1101	2017	Skill development: To gain knowledge on the utilization of library resources for the research
858	Technical writing and communication	MACS1101	2017	Skill development: learn the style and skill of writing technical papers
859	Intellectual property and its management	MAIP 1201	2017	Employability and Skill development: students get an overall idea of IPR and their
860	Basic concepts in laboratory techniques	MALT1201	2017	Skill: students do learn the usage of different laboratory equipments along with the
861	Agricultural research, research ethics and	MAAR2101	2017	Employability and Skill development: Acquire knowledge for research ethics and

862	Production technology of cool	MAVS 1101*	2017	Skill: The students can train others as well as the knowledge can be implemented for
863	Production technology of warm	MAVS 1102*	2017	Skill: The students can train others as well as the knowledge can be implemented for
864	Breeding of vegetable crops	MAVS 1103*	2017	Research: can carry out research to generate new varieties further leading to
865	Production technology of under	MAVS 1205*	2017	Entrepreneurship and research to conserve the fading races thereby promoting the
866	Seed production technology of	MAVS 2106*	2017	Entrepreneurship, skill and research: Development of quality seeds and planting
867	Fundamentals of processing of	MAVS 2108*	2017	Entrepreneurship and skill: To utilize the knowledge in various processing units
868	Master's seminar	MAVS 1291*	2017	To exploit new techniques for enhancing the traits in horticulturally important species
869	Post harvest technology for fruit	MAFS1205	2017	Entrepreneurship and skill
870	Principles of plant breeding	MAGP1103	2017	Research: can carry out research to generate new varieties which further lead to
871	Principles and practices of water	MAAG1103	2017	Skill and research: To learn the judicious utilization of water during various
872	Principles of genetics	MAGP 1101*	2017	Practical skills and concepts leading to research to generate high yielding varieties.
873	Principles of cytogenetic	MAGP 1102*	2017	Practical skills and concepts leading to entrepreneurship and research to generate
874	Principles of plant breeding	MAGP 1103*	2017	Research: can carry out research to generate new varieties which further lead to
875	Principles of quantitative genetics	MAGP 1204*	2017	Technical Skills leading to research in quantitative genetics
876	Heterosis breeding	MAGP2107	2017	Understanding the principles of dominance, co-dominance, over dominance: Skill
877	Biotechnology for crop improvement	MAGP 1206*	2017	Research and skill: To raise new crop varieties using the tools of molecular biology
878	Master's Seminar	MAGP 2191*	2017	It is a skill to bring forward the problems as well as solutions to combat the problems
879	Principles of biotechnology	MAMB1101	2017	Learn the tools and techniques of biotechnology and its applications
880	Techniques in molecular biology I	MAMB1205	2017	Skill: Students learn the techniques of molecular biology and further carry out
881	Genomics and proteomics	MAMB 2110	2017	Research and entrepreneurship: The tools and techniques of both the sciences help the
882	Development perspectives of	MAEX1101*	2017	Employability: Understanding the rural development programs i.e. Kisan call center,
883	Development communication and	MAEX1102*	2017	Skill and research: students can learn the skills and involve in research activities
884	Diffusion and adoption of	MAEX1103*	2017	Research: Students can carry out research on adoption and diffusion of innovations

885	Gender sensitization for development	MAEX1105*	2017	Research and employability: provide them an opportunity to work in sectors relating to
886	Research methods in behavioral sciences	MAEX 1206*	2017	Students get an opportunity to learn the basic concepts of research
887	e-Extension	MAEX 1207*	2017	Skill: Students can learn the usage of various tools related to ICT activities and further
888	Market led extension management	MAEX 1208*	2017	Entrepreneurship: students can learn the marketing and entrepreneurial skills
889	Human Resource Development	MAEX 2109*	2017	Skill: Students can learn the skills of studying human behaviour leading the management
890	Agricultural Marketing & Price Analysis	MAAE 1201	2017	Entrepreneurship: students can learn the marketing skills and serve as entrepreneurs
891	Agricultural Finance and Project	MAAE 2102	2017	Entrepreneurship and research: Students can learn the basic concepts of agricultural
892	Statistical methods for social sciences	MAST 1203	2017	Skill: Students can learn the usage of different stastical tools that in turn would
893	Non-Parametrics	MAST 2104	2017	Skill: Students can learn the usage of different non parametrics such as descriptive
894	Participatory methods for technology	MAEX1104	2017	Skill and employability: students can learn the basic concepts of participatory
895	Entrepreneurship Development and	MAEX2110	2017	Entrepreneurship: Students do learn the entrepreneurial skills which ultimately
896	Taxonomy of Shellfish	FSRM1102	2017	Gain knowledge about the morphometric and meristic character of shellfish for
897	Fish Food Organisms	FSAQ2109	2017	Learn and practice the nutritional requirements of fish/shellfish larvae and
898	Aquatic Ecology, Biodiversity and	FSEM2106	2017	Study the coastal resources, integrated coastal zone management strategies to
899	Freezing Technology	FSPT2103	2017	Understanding the different types of low temperature preservation, handling, storage
900	Genetics and Breeding	FSAQ2111	2017	Gain knowledge on genetic basis of inheritance and breeding plans for
901	Fish Immunology	FSHM2106	2017	Study the types of immunity, antigen-antibody interactions and learn the
902	Fisheries Economics	FSEE2102	2017	Learning the interface between economics and effective management decisions for
903	Coastal Aquaculture and Mariculture	FSAQ2204	2017	To gain knowledge in establishing and managing different fish/shellfish farming
904	Fish Nutrition and Feed Technology	FSAQ2208	2017	Practical knowledge of feed formulation and different feed processing techniques and
905	Fish Packaging Technology	FSPT2205	2017	Learn the different types of packaging, importance of packaging in fish processing,
906	Fish and Shellfish Pathology	FSHM2201	2017	Study fish and shellfish pathogens, their control measures and treatments.
907	Fishing Craft Technology	FSFE2203	2017	Study the operation of various types of traditional and mechanised fishing craft,

908	Fisheries Extension Education	FSEE2207	2017	Acquire skills required to practice various fisheries extension approaches, the transfer
909	Shellfish Hatchery Management	FSAQ2206	2017	Practical skills of seed production and hatchery management of commercially
910	Communication Skills and Personality	FSEE2208	2017	Students will improve interpersonal skills, active listening and responding skills,
911	Pharmacology and Pharmaceutical Drug	MSFS2101	2017	Employability : Students learn about basic principles of pharmacology,
912	Concepts of Toxicology	MSFS2102	2017	Skill & Employability, : Students gains basic knowledge about disposition and
913	Modern and Applied Analytical Forensic	MSFS2103	2017	Skill & Employability : Student learns about basic concepts of forensic nuclear chemistry,
914	Pharmacology and Pharmaceutical Drug	MSFS2104	2017	Skill & Employability : Students do qualitative and quantitative analysis of
915	Concepts of Toxicology Laboratory	MSFS2105	2017	Skill & Employability, : Students do analysis of various poison such as metallic poison,
916	Modern and Applied Analytical Forensic	MSFS2106	2017	Skill & Employability : Student performs analysis of Various Cases in Forensic
917	Assignment	MSFS2107	2017	Skill : Student study various cases where forensic science played significant role in
918	Seminar	MSFS2108	2017	Skill : Student takes up cases and topics relevant to their specialization subjects and
919	Advances in Physical Techniques	MSFS2121	2017	Employability : Student gains knowledge about thermal analysis and different
920	Concepts of Conventional and	MSFS2122	2017	Employability : student gains knowledge about operational features of firearms,
921	Audio Recognition and Video Analysis	MSFS2123	2017	Employability : Student gains knowledge about basic concepts of voice recognition,
922	Advances in Physical Techniques	MSFS2124	2017	Skill & Employability : Students perform examination of evidences by EDXRF,
923	Concepts of Conventional and	MSFS2125	2017	Skill & Employability : Students perform examination of barrel wash, analysis of GSR
924	Audio Recognition and Video Analysis	MSFS2126	2017	Skill & employability : Students record, edit & process audi files using goldwave
925	General Microbiology	MSCM1101	2016	Functions of cell organelles in microorganisms; Growth of microorganisms:
926	Human Anatomy & Physiology	MSCM1102	2016	Gross anatomy of human body and detailed physiology: Employability
927	Biomolecules	MSCM1103	2016	Metabolism of Carbohydrates, Lipids, Proteins, Nucleic acid: Employability
928	Analytical Techniques	MSCM1104	2016	Understanding the working principle of Common instruments used in a diagnostic
929	Basic Microbiology Lab	MSCM1105	2016	Techniques for staining microorganisms, isolating and culturing microorganisms: Skill
930	Business Communication	FCHU0203	2016	Enhancement of basic language skills, i.e., listening, speaking, reading and writing: Skill

931	Systemic Bacteriology	MSCM1201	2016	Understanding the Morphological identification, pathogenesis, laboratory
932	Molecular Biology & Clinical Biochemistry	MSCM1202	2016	Understanding the central dogma of life, Metabolic disorders and diagnostic
933	Medical Parasitology & Mycology	MSCM1203	2016	Clinical features of important parasites, protozoans, fungi: Skill dev. & Employability
934	Applied Microbiology	MSCM1204	2016	Microscopic analysis of specimen collected: Skill dev. & Enterpreunership
935	Bacteriology, Parasitology &	MSCM1205	2016	Pathological investigations of urine, stool and other biological specimen; Culture for
936	Immunology & Virology	MSCM2301	2017	Clinically relevant serological analysis; Clinically significant virus: Skill dev. &
937	Diagnostic Bacteriology	MSCM2302	2017	Diagnosis of bacteria from infective regions of the body: Skill dev and Employability
938	Biochemistry	MSCM2303	2017	Concepts of Carbohydrates, proteins, lipids and their metabolism: Skill dev and
939	Histology	MSCM2304	2017	Concept of about Histotechnology; fixation in histopathology lab: Skill dev and
940	Research Methodology	MSCM2305	2017	Concept of Research design, data collection, sampling, report writing: Skill Dev
941	Communicative Practice Laboratory- II	FCHU0204	2017	Effectiveness in participation in group discussion and job interviews: Skill dev. And
942	Immunology, Histopathology &	MSCM2306	2017	Performing immunological/ serological tests and their interpretation: Skill dev and
943	Project	MSCM2401	2017	Working on a disease/ disorder specific assignment to fill the research gap in the
944	Internship	MSCM2402	2017	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
945	Medical Laboratory Technology	MSMT1101	2016	Clinical specimen collection, storage, disposal; record maintenance; Quality
946	Anatomy & Physiology	MSMT1102	2016	Concept and Scopes of anatomy & physiology: Employability
947	Hematology	MSMT1103	2016	Understanding of hematology laboratory; Hematological disorders: Enterpreunership
948	Medical Instrumentation and	MSMT1104	2016	Understanding the working principle of Common instruments used in a diagnostic
949	Hematology Lab	MSMT1105	2016	Performing various hematological tests: Skill and Employability and Enterpreunership
950	Medical Microbiology	MSMT1201	2016	Growth of microorganisms; Properties of viruses and fungi: Employability
951	Molecular Biology & Clinical Biochemistry	MSMT1202	2016	Understanding the central dogma of life, Metabolic disorders and diagnostic
952	Clinical pathology	MSMT1203	2016	Performing pathological investigations on human specimen: Skill dev. &
953	Blood Banking	MSMT1205	2016	Blood collection and transfusion techniques and possible errors associated with it: Skill

954	Clinical pathology & Microbiology Lab	MSMT1204	2016	Collection of blood, stool, body fluids and study their chemical and morphological
955	Immunology, Bacterial Serology &	MSMT2301	2017	Clinically relevant serological analysis; Clinically significant virus: Skill dev. &
956	Clinical Hematology	MSMT2302	2017	Quality assurance required in hematology; Examination of bone marrow: Skill dev and
957	Biochemistry	MSMT2303	2017	Concepts of Carbohydrates, proteins, lipids and their metabolism: Skill dev and
958	Histology	MSMT2304	2017	Concept of about Histotechnology; fixation in histopathology lab: Skill dev and
959	Research Methodology	MSMT2305	2017	Concept of Research design, data collection, sampling, report writing: Skill Dev
960	Immunology, Biochemistry &	MSMT2306	2017	Performing immunological/ serological tests and their interpretation: Skill dev and
961	Project	MSMT2401	2017	Working on a disease/ disorder specific assignment to fill the research gap in the
962	Internship	MSMT2402	2017	Dealing with patient, analysis and interpretation of diseases: Skill dev. &
963	Introductory Cell Biology	BSCM1101	2017	Understanding the functions of cell organelles: Employability
964	Human Anatomy & Physiology	BSCM1102	2017	Gross anatomy of human body and detailed physiology: Employability
965	Basic Haematology	BSCM1103	2017	Carry out hematological investigations: Skill dev. & Employability & Enterpreunership
966	Instrumentation & Techniques	BSCM1104	2017	Understanding the working principle of Common instruments used in a diagnostic
967	Human Anatomy, Physiology &	BSCM1105	2017	Understanding the physiological aspects of growth and development of Human organs/
968	General Microbiology	BSCM1201	2017	Understanding the details of microbial cell organelles: Skill dev and Employability
969	Clinical Biochemistry	BSCM1202	2017	Understanding the concept of metabolism of carbohydrates, amino acids, lipids:
970	Clinical pathology & Diagnosis	BSCM1203	2017	Pathological investigations of urine, stool and other biological specimen: Skill dev. &
971	Clinical Pathology, Biochemisrty &	BSCM1204	2017	Performing pathological investigations on human specimen: Skill dev. &
972	Communicative Practice Laboratory- II	FCHU0202	2017	Effectiveness in participation in group discussion and job interviews: Skill dev. And
973	Introductory Biology	BSMT1101	2016	Understanding the functions of cell organelles: Employability
974	Basic Anatomy & Physiology	BSMT1102	2016	Gross anatomy of human body and detailed physiology: Employability
975	Basic Hematology	BSMT1103	2016	Carry out hematological investigations: Skill dev. & Employability & Enterpreunership
976	Basic Medical Instrumentation &	BSMT1104	2016	Understanding the working principle of Common instruments used in a diagnostic

977	Anatomy , Physiology & Hematology Lab	BSMT1105	2016	Understanding the physiological aspects of growth and development of Human organs/
978	Microbiology	BSMT1201	2016	Understanding the details of microbial cell organelles: Skill dev and Employability
979	Basic Biochemistry	BSMT1202	2016	Understanding the concept of metabolism of carbohydrates, amino acids, lipids:
980	Clinical pathology	BSMT1203	2016	Pathological investigations of urine, stool and other biological specimen: Skill dev. &
981	Clinical pathology Lab & Microbiology Lab	BSMT1204	2016	Performing pathological investigations on human specimen: Skill dev. &
982	Immunology	BSMT2301	2017	Understanding the concept of Innate & adaptive immune system; performing
983	Applied Hematology	BSMT2302	2017	Concept of Haemopoietic disorders, laboratory diagnosis of leukemia, hemolytic
984	Applied Biochemistry	BSMT2303	2017	Basic concept of Biochemistry; Employability
985	Basic Histology	BSMT2304	2017	Concept of Histotechnology, histopathology: Skill dev. & Employability & Enterpreunership
986	Immunology & Histology Lab	BSMT2305	2017	Performing Serological reactions: Skill and Employability
987	Parasitology	BSMT2401	2017	Understanding the life cycle and lab diagnosis of various clinically significant
988	Advance Biochemistry	BSMT2402	2017	Learning the principle of spectrophotometry, colometry, photometry and Clinical
989	Advanced Hematology	BSMT2403	2017	Understanding the lab diagnosis for Leukamoid reactions, DIC: Skill dev and
990	Human Values & Professional Ethics	BSMT2404	2017	Understanding the value of Education, harmony, society: Skill dev.
991	Basic Computers and Information Science	BSMT2405	2017	Concept for Input & output device, Processor & memory, Word, excel, power
992	Biochemistry & Advanced	BSMT2406	2017	Analysis of urine and serum sample for biochemical parameters: Skill dev and
993	Introductory Biology	BSRT1101	2016	Understanding the functions of cell organelles: Employability
994	Basic anatomy	BSRT1102	2016	Gross anatomy of human body with emphasis to the skeletal organization:
995	Basic physiology	BSRT1103	2016	Understanding the physiology and mechanisms of living things: Employability
996	Basic Radiation Physics	BSRT1104	2016	Understanding of the concept of Radiation in the study of human anatomy and disease
997	Basic Medical Instrumentation &	BSRT1105	2016	Understanding the working principle of Common instruments used in a diagnostic
998	Anatomy and Physiology lab	BSRT1106	2016	Understanding the physiological aspects of growth and development of Human organs/
999	Fundamental of Medical Imaging and	BSRT1201	2016	Understanding the basic concepts of xrays and their emission; ultrasound and

1000	Basic Biochemistry	BSRT1202	2016	Understanding the concept of metabolism of carbohydrates, amino acids, lipids:
1001	Equipments Of Radiotherapy	BSRT1203	2016	Conceptualization of linear accelerators, simulators, magnetrons and klestron:
1002	Medical Imaging Lab - 1	BSRT1204	2016	Care and maintenance of x-ray equipment: Skill dev & Enterpreunership
1003	Applied Radiation Physics and Radiation	BSRT2301	2017	Ability to understand the concept of Radioation in diagnosis and protection
1004	Advance Radiographic Technique	BSRT2302	2017	Familiriation with the equipments of ultrasound, basic principle of ct scanning and
1005	Special Radiographic Technique and	BSRT2303	2017	Understanding of special procedures and importance of contrast media: Skill dev. and
1006	Basics Equipment's in Radiodiagnosis	BSRT2304	2017	Understanding of gamma rays and its use in radiography, magnetron and klestron: Skill
1007	Medical Imaging Lab - 2	BSRT2305	2017	Performing radiographic positioning, application of contrast media, Darkroom
1008	Radiotherapy and Branchy Therapy	BSRT2401	2017	Concept on treatment of cancer, dose limits for individuals: Skill dev and Employability
1009	Applied Equipments Of Radio Diagnosis	BSRT2402	2017	Understanding of patient preparartion for general radiologic procedures, concepts on
1010	Interventional Radiology & Drugs	BSRT2403	2017	Concept on use of anaesthesia in diagnostic radiology: Skill dev and Employability
1011	Human Values & Professional Ethics	BSRT2404	2017	Understanding the association of Ethics in work and society: Skill dev
1012	Basic Computer & Information Science	BSRT2405	2017	Concepts of basic input & output device; Processor & memory; Word, excel, power
1013	Hospital posting Medical Imaging Lab -	BSRT2406	2017	Exposure to different hospitals, training of x-ray, CT and MRI: Skill dev. & Employability &
1014	ORIYA (LANGUAGE-I)	MSIL1101	2015	Comprehending with the fundamentals of Oriya Language: skill dev.
1015	HINDI (LANGUAGE-I)	MSIL1102	2015	Comprehending with the fundamentals of Hindi Language: skill dev.
1016	GENERAL PHYSIOLOGY	BSOP1103	2015	Understanding the physiological aspects of growth and development of Human organs/
1017	BASIC BIOCHEMISTRY	BSOP1104	2015	Gaining adequcy in the concept of metabolism of various macromolecules in
1018	BIOCHEMISTRY LAB	BSOL1102	2015	Gaining adequcy in the concept of metabolism of various macromolecules in
1019	GENERAL ANATOMY & PHYSIOLOGY LAB	BSOL1103	2015	Learning about basic structure and connections between the various parts of
1020	OPTICS II	BSOP1201	2015	Predicting the distribution of light under various conditions: Employability
1021	OCULAR ANATOMY	BSOP1202	2015	Identifying the microscopic structures of various tissues in the eye and correlating the
1022	OCULAR PHYSIOLOGY	BSOP1203	2015	Elucidating the physiological aspects of normal growth and development of the eye:

1023	OPTICS LABORATORY-II	BSOL1201	2015	Predicting the distribution of light under various conditions: Skill and Employability
1024	ANATOMY & PHYSIOLOGY LAB	BSOL1202	2015	Learning about basic structures in eye and their integrative function: Skill dev &
1025	OCCULAR MICROBIOLOGY AND	BSOP2301	2015	Understanding of how knowledge of pathological processes can be utilized in the
1026	OPTOMETRIC OPTICS-I	BSOP2303	2015	Ability to measure the power of lens, lens centration using conventional techniques,
1027	CLINICAL EXAMINATION OF	BSOL2301	2015	Performing various clinical tests, their interpretation and finding: Skill dev. and
1028	CLINICAL OPTOMETRY-I	BSOL2302	2015	Measurement of lens power, lens centration using conventional techniques, transposition
1029	OCULAR DISEASES -I	BSOP2401	2015	Developing diagnostic approach towards management of the ocular diseases:
1030	OPTOMETRIC OPTICS II	BSOP2403	2015	Developing the art and science of dispensing spectacle lens and frames based on the glass
1031	BASIC AND OCULAR PHARMACOLOGY	BSOP2404	2015	Developing conceptual knowledge on the mechanism, indications, contraindications,
1032	OCULAR DISEASES II	BSOP2405	2015	Knowledge on course sequelae of ocular diseases, their diagnosis and management of
1033	CLINICAL OPTOMETRY II	BSOL2401	2015	To gain practical knowledge regarding Ocular Diseases, Visual Optics, Optometric Optics:
1034	BINOCULAR VISION & SQUINT	BSOP3501	2015	Binocular muscle coordination; Integration of motor and sensory system into binocular
1035	CONTACT LENSES	BSOP3502	2015	Understanding of the concepts of contact lenses: Employability
1036	LOW VISION AID	BSOP3503	2015	Training for Low Vision subjects with Low vision devices: Skill and Employability
1037	CONTACT LENS LABORATORY	BSOL3502	2015	Applying the concepts of contact lenses: Skill dev. & Employability
1038	OCULAR DISEASES LABORATORY II	BSOL3503	2015	Performing the basic workup for a patient in a hospital and clinic set up: Skill dev. and
1039	STATISTICS & OCCUPATIONAL	BSOP3601	2015	Interpretation and ability to prescribe suitable corrective lenses and eye protective
1040	PEDIATRIC & GERIATRIC	BSOP3602	2015	Ability to identify, investigate the age-related changes in the eyes: Skill dev. &
1041	SYSTEMIC DISEASES	BSOP3603	2015	Understanding of Ocular findings of the systemic conditions: Employability
1042	OPTOMETRIC INSTRUMENTS	BSOL3602	2015	Gaining practical skill in handling the advanced instruments in an Optometry Lab:
1043	Human Anatomy and Physiology I – Theory	BPHT1101	2017	Skill-Employability- Hand on practice on various clinical aspects of human physiology
1044	Pharmaceutical Analysis I – Theory	BPHT1102	2017	Skill-Employability-Use the techniques, skills, and modern pharmaceutical instruments
1045	Pharmaceutics I – Theory	BPHT1103	2017	Skill- Employability- Entrepreneurship - Understand the impact of pharmaceutical

1046	Pharmaceutical Inorganic Chemistry –	BPHT1104	2017	Skill- Employability- Students can prepare various Pharmaceutical dosage form
1047	Communication skills – Theory *	BPHT1105	2017	Skill- Students can improve their communication Skill
1048	Remedial Biology – Theory*	BPHT1106	2017	Employability- Apply knowledge of basic science and pharmacy
1049	Remedial Mathematics –	BPHT1107	2017	Employability- Apply knowledge of basic science and pharmacy
1050	Human Anatomy and Physiology – Practical	BPHL1101	2017	Skill-allows Students to verification of physiological processes discussed in theory
1051	Pharmaceutical Analysis I – Practical	BPHL1102	2017	Skill- Employability- Students can assay ,prepared and standarized various Heavy
1052	Pharmaceutics I – Practical	BPHL1103	2017	Skill- Employability- Students can prepare various Pharmaceutical dosage form
1053	Pharmaceutical Inorganic Chemistry –	BPHL1104	2017	Skill- Students can perform purity test on drugs or chemicals
1054	Communication skills – Practical*	BPHL1105	2017	Skill- Students can improve their communication Skill
1055	Remedial Biology – Practical*	BPHL1106	2017	Skill- Students can learn about structure and functional system of plant and animal
1056	Human Anatomy and Physiology II – Theory	BPHT1201	2017	Skill-Employability- Hand on practice on various clinical aspects of human physiology and also able to perform different types of experiments
1057	Pharmaceutical Organic Chemistry I –	BPHT1202	2017	Skill-Employability- synthesis, characterization of synthetic formulation
1058	Biochemistry – Theory	BPHT1203	2017	Employability- Apply knowledge and concept of basic science and pharmacy and also able
1059	Pathophysiology – Theory	BPHT1204	2017	Skill-Employability-student get to know about various communicable diseases and
1060	Computer Applications in	BPHT1205	2017	Skill-Employability-Buiding compitancy in programme coding, various softwares,
1061	Environmental sciences – Theory *	BPHT1206	2017	Employability- student get to know about basic knowledge about the environment and its allied problems
1062	Human Anatomy and Physiology II	BPHL1201	2017	Skill- allow the verification of physiological processes discussed in theory classes through experiments on living tissue, intact animals or normal human beings
1063	Pharmaceutical Organic Chemistry I–	BPHL1202	2017	Skill-Students can do qualitative analysis and synthesis of Organic Compound
1064	Biochemistry – Practical	BPHL1203	2017	Skill- Students can demonstrate different Biochemical Test
1065	Computer Applications in	BPHL1204	2017	Skill-Allows students to details with Database, Database Management
1066	Apparel Production & Marketing	CUTM3029	2017	Employability/Skill - Practice and Project
1067	Line Stitching Supervising	CUTM3030	2017	Employability/Skill - Practice and Project
1068	Apparel Production	CUTM3031	2017	Employability/ Entrepreneurship/Skill - Practice and Project

1069	Light Motor Vehicle Driving	CUTM3032	2017	Employability/Skill - Practice and Project
1070	Fork Lift Operation	CUTM3033	2017	Employability/Skill - Practice and Project
1071	Heavy Vehicle Technology	CUTM3034	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1072	Two Wheeler Service Technology	CUTM3035	2017	Employability/Skill - Practice and Project
1073	Four Wheeler Service Technology	CUTM3036	2017	Employability/Skill - Practice and Project
1074	E-Vehicle Assembly and Service	CUTM3037	2017	Employability/ Entrepreneurship/Skill - Practice and Project
1075	Robotics	CUTM3038	2017	Employability/Skill - Practice and Project
1076	Poultry Farming	CUTM3039	2017	Employability/ Entrepreneurship/Skill
1077	CNC Programming (CAM)	CUTM3040	2017	Employability/Skill - Practice and Project
1078	Design Supervising Wooden and Modular	CUTM3041	2017	Employability/ Entrepreneurship/Skill - Practice and Project