

# ANNUAL REPORT

## 2019-20



<b>Board of Governors</b>		
<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
1	His Excellency Prof. Ganeshi Lal Hon'ble Governor of Odisha	Visitor
2	Prof. Mukti Kanta Mishra, President, CUTM	Chairman
3	Prof. D. N. Rao, Vice President, CUTM	Member
4	Prof. Supriya Pattanayak, Vice Chancellor, CUTM	Member
5	Mr. Vineet Chhatwal, CEO, CUTM	VC Nominee
6	Shri Saswat Kumar Mishra, IAS	Ex Officio Member- Govt. of Odisha
7	Prof. Sudhakar Panda	Nominee- Govt. of Odisha
8	Prof. Omkar Nath Mohanty	Nominee- Govt. of Odisha
9	Dr. Mary Bage	Nominee- Govt. of Odisha
10	Shri. PNSV Narsimham	Trust Nominee
11	Dr. Mohan Kanda, IAS (Rtd.)	Trust Nominee
12	Shri. Aditya Sapru	President Nominee
13	Dr. C.R. Rao	Trust Nominee
14	Prof. Anita Patra, Registrar, CUTM	Ex Officio Member Secretary

## Content

## Page No.

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<i>List of Abbreviations</i>	<i>i</i>
<i>VC's Note</i>	<b>6</b>
<b>1. Overview</b>	<b>7</b>
<b>2. Schools, Departments &amp; Programmes</b>	<b>9</b>
<b>3. Admission</b>	<b>15</b>
<b>4. Placement</b>	<b>17</b>
<b>5. Consulting &amp; Training</b>	<b>20</b>
<b>6. Research, Publications, Seminars &amp; Conferences</b>	<b>21</b>
<b>7. Faculty &amp; Staff Development</b>	<b>36</b>
<b>8. Recognitions</b>	<b>41</b>
<b>9. Collaborations &amp; Networking</b>	<b>43</b>
<b>10. Events</b>	<b>44</b>



## List of Abbreviations

**APSSDC**- Andhra Pradesh State Skill Development Corporation

**APEDA**- Agricultural and Processed Food Products Export Development Authority

**BAIF**- Bharatiya Agro Industries Foundation

**BCKV**- Bidhan Chandra Krishi Viswavidyalaya

**BEML**- Bharat Earth Movers Ltd

**BITS**- Birla Institute of Technology and Science

**CCD**- Café Coffee Day

**CTTC**- Central Tool room & Training Centre

**CAD/CAM**- Computer Aided Design/Manufacturing

**CUCREE**- Centurion University Centre for Renewable Energy & Environment

**CSR**- Corporate Social Responsibility

**CUTM**- Centurion University of Technology & Management

**CIPET**- Central Institute of Plastics Engineering & Technology

**DDUGKY**- Deen Dayal Upadhyaya Grameen Kaushalya Yojana

**FDP**- Faculty Development Programme

**GTIDS**- Gram Tarang Inclusive Development Services

**GTETS**- Gram Tarang Employability Training Services

**GTF**- Gram Tarang Foods

**HPCL**- Hindustan Petroleum Corporation Ltd

**HAL**- Hindustan Aeronautics Ltd

**IFFCO**- Indian Farmers Fertiliser Cooperative

**IGKV**- Indira Gandhi Krishi Vishwavidyalaya

**IKS**- Institute of Knowledge Society

**IJCR**- International Journal of Current Research

**IEEE**- Institute of Electrical and Electronics Engineer

**IOSR**- International Organization of Scientific Research

**IIW**- International Institute of Welding

**ICMSEA**- International Conference on Materials Science and Engineering Application

**LMSC**- Last Mile Supply Company

**MoU**- Memorandum of Understanding

**MSSSoA**- M.S. Swaminathan School of Agriculture

**MCSP**- Maternal and Child Survival Program

**NALCO**- National Aluminium Corporation Ltd

**NBFC**- Non Banking Finance Company

**NSIC**- National Small Industries Corporation

**NCC**- National Cadet Corp

**NSDC**- National Skill Development Corporation

**NSS**- National Service Scheme

**OPHC-** Odisha Police Housing Corporation

**OPTCL-** Odisha Power Transmission Corporation Ltd

**PGCIL-** Power Grid Corporation of India Ltd

**PMKVY-** Pradhan Mantri Kausal Vikas Yojana

**REC-** Rural Electrification Corporation

**RB-** Ratnakar Bank

**SoM-** School of Management

**SoPAHS-** School of Paramedics & Allied Health Sciences

**SoPLS-** School of Pharmacy & Life Sciences

**SoVET-** School of Vocational Education & Training

**SBI-** State Bank of India

**SoAS-** School of Applied Sciences

**SoET-** School of Engineering & Technology

**STADPRO-** Structural Analysis And Designing Program

**SAIL-** Steel Authority of India Ltd

**SIET-** Shambhunath Institute of Engineering and Technology

**UMBC-** Urban Micro Business Centre

**UNESCO-** The United Nations Educational, Scientific and Cultural Organization

**UGC-** University Grants Commission

**VSSUT-** Veer Surendra Sai University of Technology

**WISTA-** Work Integrated Skill Training and Apprenticeship

**XIMB-** Xavier Institute of Management

**YRC-** Youth Red Cross



## VC's Note



As the Vice Chancellor of Centurion University of Technology & Management (CUTM), Odisha, I am privileged to present the Annual Report, covering the period from April 2019 to March 2020. In line with the University's motto of "*Shaping Lives and Empowering Communities*", we strived relentlessly to foster our long-term commitment towards nation building with an unflinching adherence to universal human values.

Over the years, CUTM has established itself as a leading institution in India, providing direction of skill-integrated and social-entrepreneurship led higher education. It has got the distinction of being recognized as the Institute for Assessment and Certification Body by Ministry of Skill Development and Entrepreneurship, Govt. of India. School of Vocational Education and Training (SoVET) under CUTM Odisha, has been recognised as a Centre of Excellence in the field of Skilling Ecosystem in the Country by Ministry of Skill Development and Entrepreneurship, Govt. of India. It was ranked 10th by Outlook-ICARE India University Rankings 2019: Top 25 Young Universities. Received Best University Award – 2019 by Indian Youth Association (IYA). The National Agricultural Education Accreditation Board of ICAR granted accreditation to the University's M.S.Swaminathan School of Agriculture for a period of five years up to 2024.

The University offered 2 Certificate, 13 diploma, 43 undergraduates and 54 postgraduate and doctoral programs through Schools of Agriculture, Applied Sciences, Architecture and Planning, Engineering, Management, Media and Communication, Paramedics and Allied Health Sciences, Pharmacy and Life Sciences and Vocational Education and Training located in four constituent campuses across Odisha, at Paralakhemundi, Bhubaneswar, Rayagada and Bolangir with a student strength of 8477 by end of 2019.

Over the year the University has launched a number of new programs, moved to new places, developed new partnerships, consolidated the existing offerings, and improved its global footprints through student and faculty exchanges. During the year, four new schools such as School of Forensic Sciences, School of Education, School of Open and Distance Education and School of Mining have been started. In 2019, the University launched new courses, such as Bachelor of Technology in Phytopharmaceutical Bachelor of Media Communication, Diploma in Automobile Engineering, Bachelor of Technology in Computer Science Engineering – Amazon Web Services (AWS), Bachelor of Technology in Computer Science Engineering – IBM, Master in Business Administration in Pharmaceuticals, Master in Business Administration for Executives, Bachelor of Science in Bio-Chemistry & Master of Science in Cyber Security.

It has brought together industry, academia, R&D organisations and community through its teaching, research, training and consulting activities in a collaborative framework to solve the problems individuals and societies face. It has been our privilege to fulfil the social obligation of tackling the current challenges while inspiring curious minds to be proactively prepared for the challenges of tomorrow.

I am sure with a solid foundation in place we are better prepared to meet the expectations of different stakeholders.

**Prof. Supriya Pattanayak**

# 1. Overview

Centurion University, in its nine plus years of existence, with UGC 12B status and NAAC A grade offers Certificate, Diploma, Under-graduate, Post-graduate and Doctoral programs through Schools of Agriculture, Applied Sciences, Engineering and Technology, Media and Communication, Paramedics and Allied Health Sciences, Pharmacy and Life Sciences, Forensic Sciences, Agriculture and Bio Engineering, Disaster Management, Fisheries, and Vocational Education and Training located in six different campuses across Odisha, at Parlakhemundi, Bhubaneswar, Balangir, Rayagada, Chatrapur and Gopalpur. It has more than 6000 students in graduate and postgraduate programs and over 15000 students in vocational programs. It has residential facility for 80% students and 50% faculty and staff. The University has well equipped learning laboratories, workshops, library, sports and health facilities.

Since the school education in the region was and still is of poor quality and there were large scale school dropouts, it became the first partner of National Skill Development Corporation (NSDC), Government of India, with a focus on Skills Development and Livelihood linked Education. Under the Innovation Agriculture project of NSDC, Centurion University is working in 9 districts of tribal dominated South Odisha and 3 districts of North Coastal AP. As of now Centurion has trained 2725 farmers and 124 Community Resource Persons. Project Atal which envisions doubling of farmers income by training and certification of 1,00,000 small and marginal farmers in 200 blocks of Odisha has covered 70,000 farmers as on date. Centurion University and LMDC provides end to end support to farmers for producing RNR (15048) controlled sugar variety of rice for doubling their income. o. Centurion University along with Gram Tarang has made an agreement with SEEDAP to train 3000 farmers in Srikakulam, Vizianagram and Vishakapatnam. It has covered 900 farmers as on date.

The University is organized in the form of Schools, such as M S Swaminathan School of Agriculture (MSSSoA), School of Applied Sciences (SoAS), School of Engineering and Technology (SoET), School of Management (SoM), School of Vocational Education & Training (SoVET), School of Pharmacy and Life Sciences (SoPLS), School of Media & Communication (SoMC), School of Paramedics & Allied Health Sciences (SoPAHS), Institute of Knowledge Society (IKS), and the Centurion University Centre for Renewable Energy and Environment (CUCREE).

CUTM believes in dynamic engagement with its stake holders and communities at large. To achieve this purpose, the University has incubated many social enterprises, social entrepreneurs, and outreach entities under the umbrella of Gram Tarang. Its incubated organizations work in the area of skills, financial inclusion, urban micro-business services, entrepreneurship, tribal development, food processing and agriculture. It includes Gram Tarang Employability Training Services (GTETS), Gram Tarang Inclusive Development Services (GTIDS), and Gram Tarang Foods (GTF), Urban Micro-Business Centre (UMBC), Last Mile Supply Company (LMSC) and Ratnakar Bank (RB). GTETS, GTIDS, GTF and LMSC are registered as for-profit private company under Company Act. UMBC and LMSC are registered as Section 8, not-for-profit Company. RB is registered as a Non-Banking Finance Company (NBFC). The reaches of these organisations span across India and they provide learning labs to the students and faculty of the University.



The University offers 2 certificates, 13 diploma, 43 under-graduate and 54 post-graduate and doctoral programs through schools of agriculture, applied sciences, architecture and planning, engineering, management, media and communication, paramedics and allied health sciences, pharmacy and life sciences and vocational education and training with a student strength of 8477 as on November 2019. This includes 46 international students who got their admissions this year. Over the last two years, Centurion University's admissions have grown by over 40%.

### 1.1 New Programmes

- Bachelor of Technology in Phytopharmaceutical
- Bachelor of Media Communication
- Diploma in Automobile Engineering
- Bachelor of Technology in Computer Science Engineering – Amazon Web Services (AWS)
- Bachelor of Technology in Computer Science Engineering – IBM
- Master in Business Administration in Pharmaceuticals
- Master in Business Administration for Executives
- Bachelor of Science in Bio-Chemistry
- Master of Science in Cyber Security

In March 2019, The National Agricultural Education Accreditation Board of ICAR granted accreditation to the University's M.S. Swaminathan School of Agriculture for a period of five years up to 2024. School of Paramedics and Allied Health Sciences (SOPAHS) has got recognition for Allied Medical Science Courses for the academic session 2019-20.







## 2. Schools, Departments and Academic Programmes

## **2.1 M S Swaminathan School of Agriculture**

M.S. Swaminathan School of Agriculture was established in the year 2013 at Paralakhemundi Campus. Presently the School has 1319 students, 187 acre of field labs for experiment in farm. It offers courses such as B.Sc. (Hons) in Agriculture, B.Tech. In Agriculture and M.Sc. in Agriculture, besides undertaking various training, research and consulting activities. It has eight departments.

### **2.1.2 Department of Agronomy**

Agronomy Department of the M.S. Swaminathan School of Agriculture was established in the year 2013. The Department offers courses at undergraduate and postgraduate level of agricultural science and technology. The Department undertakes teaching, training, research and consulting in the areas of organic farming, integrated nutrient management, integrated weed management, varietal performance studies of different crops, intercropping system and introduction of new crops. Teaching and learning system is geared towards experiential and hands on mode rather than being class room and blackboard based.

### **2.1.3 Department of Horticulture**

Horticulture Department of the M.S. Swaminathan School of Agriculture was established in 2013. The Department offers five courses in B. Sc. (Ag.), such as Production Technology of Vegetables; Production Technology of Fruits; Production Technology of Flowers; Production Technology of Spices, Aromatic, Medicinal and Plantation Crops; and Post-harvest Management and Value Addition of Fruits and Vegetables. The department undertakes teaching, training, research and consulting in the areas of vocational training, star program for farmers, etc. The department possesses a well-equipped laboratory for under-graduate students.

### **2.1.4 Department of Agricultural Extension**

The Department of Agricultural Extension under M. S. Swaminathan School of Agriculture was established during 2013. Since then, it has been playing an important role towards progression of extension science with specific reference to research, education and training. The field of extension now encompasses a wider range of communication and learning activities organized for tribal/rural people from different parts of Orissa and Andhra Pradesh states to deliver the knowledge on various disciplines including agriculture, agricultural marketing and business studies. The basic focus of Extension has moved from technology dissemination to agricultural enterprise solution and entrepreneurship development.

### **2.1.5 Department of Entomology**

The Department of Entomology was established in 2013 under the umbrella of M. S. Swaminathan School of Agriculture. The Department offers courses on Entomology to undergraduate and post graduate students and allied activities along with teaching by highly qualified, experienced and devoted teaching staff members.

### **2.1.6 Department of Genetics & Plant Breeding**

The Department was established in 2013 under M. S. Swaminathan School of Agriculture at Centurion University of Technology and Management. In addition, the department is entrusted to laboratory work, research, extension and allied activities.

### **2.1.7 Department of Crop Physiology, Bio-Technology & Seed Science**

Biotechnology encompasses a number of tools and elements of conventional breeding techniques, crop physiology, seed science technology, bioinformatics, microbiology, molecular genetics, biochemistry and molecular biology. Biotechnology defines (or parts of organisms) to make or modify a product, improve plants, trees or animals or develop microorganisms for specific uses. In this direction, the Department of Crop Physiology, Biotechnology and Seed Science in M. S. Swaminathan School of Agriculture has focused and equipped as state-of-the-art laboratories that mentor the students to inculcate hands on experiments and put-in the knowledge of theory in practice.

### **2.1.8 Department of Plant Pathology**

The Department highlights on the study of plant pathogens and their interactions with plants-pests/pathogens leading to disease. The Department under the School of Agriculture has initiated to mentor under-graduate students to study, understand and investigate various host-microbe interactions and towards establishing practices in addressing field problems. It also deals with various aspects of agriculture including microbiology, principles of plant pathology and pathogens, diseases of field crops, Horticultural crops and their management, mushroom cultivation etc. The faculty members in the department are well qualified and acquired the required skills to carry forward such responsibilities with high accuracy.

### **2.1.9 Department of Soil Science & Agricultural Chemistry**

The Department was established in 2013 under M.S. Swaminathan School of Agriculture and entrusted to contribute the service in teaching, laboratory practical work, research, extension and allied activities other than the teaching by esteemed faculty and staff members.

## **2.2 School of Architecture, Planning and Design**

School of Architecture, Planning and Design was established in the year 2014 at Bhubaneswar campus, as per the guidelines of the Council of Architecture. It offers B. Arch (Bachelor of Architecture), besides undertaking various training, research and consulting activities. The motto of the school is to give the society young and qualified people who are not only conscientious architects but are also responsible decision makers who give utmost value to sustainability and inclusivity.

## **2.3 School of Engineering and Technology**

The School of Engineering and Technology (SoET) was established in the year 2013. Presently the School has 526 students. It offers courses at Bachelor, Master and Doctoral level, besides undertaking various training, research and consulting activities. The B. Tech programs in the School are in Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Petro Chemical Engineering, Electrical and Electronics Engineering, Agriculture Engineering, Electronics and Communication Engineering and Dairy Technology. The M. Tech programs are in Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Electrical and Electronics Engineering and Electronics and Communication Engineering. The programs are offered in Paralakhemundi and Bhubaneswar Campuses. The programs offered follow a pedagogy of 40% theory and 60%.

### **2.3.2 Department of Civil Engineering**

Civil Engineering in Centurion University is offered in both the campuses at Parlakhemundi and Bhubaneswar. It has a total student strength of 45 students.

The department has senior faculty members drawn from retired professors from reputed engineering colleges of Odisha and Andhra Pradesh (AP). It has few professors who have been Chief Engineers of the state.

The department offers courses at undergraduate level, graduate level (Structural Engineering, Hydraulics and Transportation Engineering). The main areas of research in the Department are in Geotechnical Engineering, Structural Engineering, Hydraulics Engineering, Hydrology, GIS and GPS Systems.

### **2.3.3 Department of Chemical and Petro-Chemical Engineering**

The Department of Chemical and Petro-Chemical Engineering offers separate but related degree programmes in Chemical Engineering, Petro-Chemical Engineering. Chemical engineers deal principally with production of chemicals from various raw materials and compounds and are also responsible for the extraction and processing of minerals.

### **2.3.4 Department of Computer Science and Engineering**

Centurion University is about hands-on learning, and learning through experience. The Computer Science course is also about building the fundamental concepts with focus on software programming and projects. At Centurion University, we understood that writing programs and doing projects is the right way to build not just our foundations, but also interest and passion for the discipline. We also concluded our students must be proficient in one or two languages, and have capability to write original code in these. Centurion offers a set of core courses – with concepts we believe all must learn; and with a large number of electives. The electives are offered based on student interest, so they have a choice in what they want to learn.

### **2.3.5 Department of Electrical and Electronics Engineering**

This Department strives for excellence in teaching, research and professional services to the industry so as to achieve eminence in selected niche areas of Electrical and Electronics Engineering. The Department offers four years of B. Tech course in Electrical and Electronics Engineering (EEE), Electrical Engineering (EE) and also two years of M. Tech course in Power System & Control Engineering (PSC). The department has many faculty with industry experience especially in Transmission and Distribution.

### **2.3.6 Department of Electronics and Communication Engineering**

Department of Electronics and Communication Engineering aims to produce qualified and dynamic engineers in the fast changing area of Electronics Communication Engineering. The Department has sophisticated and modern laboratory equipment and software for research and development work in the areas of Antenna and Microwave Engineering, Signal Processing and Communication, VLSI, Embedded System. The Department has trained faculty from reputed Institutes of India. The students have been placed in different national and multinational companies. Department is offering domain based courses in the field of VLSI and Embedded System within the curriculum to enhance their skills and make student ready for the industry in association with different industry partners. It has a total strength of 44 students.

### **2.3.7 Department of Mechanical Engineering**

The Department of Mechanical Engineering has strategic alliances with companies like NALCO, HAL, VEDANTA & JINDAL other than CTTC, CIPET, IIW & NSIC to provide superior theoretical and practical training. Besides, the Department has also provided Pro E and Ansys software in its labs. The mission of the Department is to establish itself as a centre of excellence in the field of Mechanical Engineering, through innovative teaching-learning methods, intensive CAD/CAM short term programs, Industry-Institute partnerships. The department focusses on manufacturing, welding, automotive design and auto service sector skill development. It has a total strength of 63 students.

## **2.4 School of Applied Sciences**

The Applied Sciences was established in the year 2016 at Paralakhemundi Campus. Presently the School has 457 students, 8 well equipped labs in the academic complex and. It offers courses such as Bachelor of Science (B.Sc.) program for 3 years, Master of Science (M.Sc.) program for 2 years and M. Phil for 1 years, besides undertaking various training, research and consulting activities. It has eight departments.

### **2.4.1 Programmes Offered**

#### **2.4.1.1 B.Sc. (Hons) Programme**

- Chemistry
- Optometry
- Mathematics
- Physics
- Information Technology
- Botany
- Zoology
- Bio-Chemistry
- Electronics

#### **2.4.1.2 M.Sc. Programme**

- Applied Chemistry
- Applied Mathematics
- Applied Physics
- Information Technology

## **2.5 School of Management**

The School of Management of the University evolved from the Centurion School of Rural Enterprise Management (CSREM). Since inception, nearly a decade ago, its flagship program has been Master of Business Administration (MBA) that focuses on social entrepreneurship. It has a total strength of 143 students. The key strength of the School is its experienced and enthusiastic faculty, committed top management, flexible curriculum, experiential learning, digital course content, strong linkage with industry, academia, civil society and government, skill integration and outreach programmes.

## **2.5.1 Programmes Offered**

### **2.5.1.1 Master Programmes**

- Master of Business Administration
- MBA in Development Management
- MBA in Agri-business Management
- MBA in Data Analytics

### **2.5.1.2 Bachelor Programmes**

- Bachelor of Business Administration (BBA)
- BBA in Financial Services
- Bachelor of Commerce (B.Com.)
- B.Com in Banking and Accounting

## **2.6 School of Media & Communication**

The School of Media and Communications, under the auspices of the Institute of Knowledge Societies at Centurion University is being launched as a complete media school which will have an integrated Bachelors and Master's degree programme, short term skill programmes in partnership with the PMKVY scheme of the Ministry of Skill Development and Entrepreneurship, Government of India and industry partnerships with both National and Regional Media. The school will deliver UNESCO's "Model Curriculum for Developing Countries and Emerging Democracies".

### **2.6.1 Programmes Offered**

- BA in Media & Communication
- MA in Media & Communication



### 3. Student Admissions

For the 2019-20 Academic year 2983 number of students were admitted in the university. It includes 258 in Diploma Programmes, 1273 in Bachelor Programmes, 433 in Master Programmes & 98 in Doctoral Programmes. The details are indicated in Table 3.1.

**Table 3.1: Admission Mix in Academic Year 2019-20**

Programme	Branch	Male	Female	Total
<b>B. Tech.</b>	Agri. Tech	42	19	61
	Civil	69	4	73
	ECE	30	3	33
	EEE/EE	35	2	37
	CSE	189	56	245
	Mechanical	87	1	88
	Dairy. Tech	7	0	7
	Phyto	11	9	20
	CSE - CTIS	7	0	7
	CSE - IBM	7	1	8
	CSE - AWS	2	0	2
	MI	13	0	13
	Aerospace	7	3	10
<b>MBA</b>	MBA	33	29	62
	MBA Data Analytics	10	3	13
	MBA PM	3	3	6
	MBA EXE.	4	1	5
<b>B.Sc.</b>	Chemistry	20	21	41
	Mathematics	7	4	11
	Physics	20	15	35
	Optometry	5	12	17
	Botany	6	8	14
	Information Technology	11	8	19
	Zoology	19	33	52
	CTIS –IT	6	2	8
<b>M.Sc.</b>	Chemistry	36	59	95
	Mathematic	5	8	13
	Physics	28	32	60
	Medical lab. Technology (MSc MLT)	2	1	3
	Microbiology	5	7	12
	Botany	21	87	108
	Zoology	52	127	179
	Forensic Science	6	12	18
	M. Sc.in Cyber Security & Digital Forensics	5	0	5
<b>M. Tech.</b>	PS	4	0	4

	RE	3	0	3
	TE	13	3	16
<b>BBA</b>	BBA	67	24	91
<b>BCA</b>	BCA	5	0	5
<b>B. Pharm.</b>	B.PHARM	110	15	125
<b>D. Pharm.</b>	D.PHARM	97	18	115
<b>MEDIA-BA</b>	MEDIA-BA	5	4	9
<b>MEDIA-MA</b>	MEDIA-MA	1	3	4
<b>Diploma</b>	Civil	114	20	134
	Mechanical	211	4	215
	Electrical	189	3	192
	Computer Science Engineering	52	13	65
	AE	12	0	12
	Mining	36	0	36
<b>MSSSoA</b>	B.Sc. (Ag.)	152	160	312
	B.Sc. (Fish.)	21	16	37
	M.Sc. (Ag.)	12	13	25
<b>B.Com.</b>	Commerce	37	13	50
<b>M. Phil</b>	Life Science	0	1	1
	Physics	9	4	13
	Chemistry	3	4	7
	Mathematic	2	1	3
	Botany	2	14	16
	Zoology	4	11	15
<b>Ph.D.</b>	Computer Science Engineering	5	5	10
	Civil	2	2	4
	Mechanical	4	2	6
	ECE	6	3	9
	EEE	2	3	5
	Physics	3	3	6
	Chemistry	3	4	7
	Mathematics	3	2	5
	Agriculture	4	2	6
	Humanities	1	0	1
	Material Science	1	0	1
	Botany	2	3	5
	Zoology	1	2	3
	Life Science	2	2	4
	Environmental Science	1	1	2
	Media Communication	1	1	2
	Pharmacy	4	4	8
Management	11	3	14	



<b>TOTAL</b>	<b>2027</b>	<b>956</b>	<b>2983</b>
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## 4. Placement

Students of Centurion University are groomed for employment in different organisations, enrolment in higher education institutions and starting their own enterprises. The outcome of the combined and relentless effort of Placement Team resulted in 1056 offers from 83 Companies in 2019-20. 42% of eligible engineering, 50% of eligible agriculture, 20% of eligible science and 100% of eligible management students were placed successfully. 35 students of the School of Agriculture qualified in Junior Research Fellowship in 2019.

**Table 4.1: Students Placed in Different Organisations**

Sl. No.	Name of the Company	No of Students Placed
1	IDBI Federal life Insurance	13
2	Flipkart India	1
3	Bharat Serums & Vaccines Limited	3
4	Aabsys IT	7
5	Britannia	7
6	Nineleaps Technology Solution Pvt Ltd	2
7	Tata Consultancy Services (TCS) Ltd	14
8	JustDial	15
9	Byjus	6
10	Abyeti Technologies Pvt Ltd	1
11	Dassault systemes	9
12	PinClick	8
13	Dream Organic Solution Pvt Ltd	12
14	TEKWISSEN	16
15	Tech Mahindra (A)	36
16	Indian Money	51
17	Gateway Technolabs	6
18	Cognizant (A)	4
19	Deloitte	2
20	Wipro Technologies (A)	6
21	Capgemini (A)	1
22	Tech Mahindra (B)	72

23	Atmecs	1
24	Extramarks	16
25	Mindfire Solution	2
26	EFFTRONICS SYSTEMS PVT LTD	4
27	GT Tech	15
28	Heraizen Technologies	3
29	Badve Engineering Ltd	17
30	Genpact	5
31	Capgemini (B)	2
32	Siyana Info Solutions	3
33	KYB Yamaha	37
34	Collabera IT Services	4
35	Bitibe Technologies	1
36	SKH Group	35
37	Tech Mahindra (C)	17
38	Research Nester	1
39	DigiVersal	5
40	Surya International Pvt Ltd	8
41	Syngenta Foundation	9
42	Rallis India	6
43	Etech Global Services (PKD)	6
44	Etech Global Services (BBSR)	8
45	Motherson Automotive (PKD)	5
46	<u>Vijaya Diagnostic Centre</u>	19
47	Lido Learning (B)	2
38	Motherson Automotive (Rayagada)	16
49	Teleperformance	5
50	Centre for Youth & Social Development	6
51	Kotak Mahindra Bank (PG)	4
52	Nexright Software Solutions Pvt. Ltd	1
53	Pyramid IT Consulting	5
54	Integrated Resources (PKD)	23

55	Capital Hospital	4
56	Apti components	12
57	HDB Financial Services Ltd	79
58	Tech Mahindra (D)	10
59	TraxSmart (Venera Software Pvt. Ltd.)	4
60	Ekutira	1
61	GENX Diagnostics	4
62	IMS-SUM Hospital	12
63	Lokesh Machines Ltd	14
64	Genpact (PKD) B	5
65	Dassault Systemes (B)	6
66	Zoxima Solution Pvt Ltd	3
67	Ajatus Software Pvt. Ltd	1
68	OMICS International	22
69	Illuminati Group (Rayagada)	49
70	Silicon Tech Labs Pvt Ltd	12
71	Wipro Technologies (B)	2
72	Toppr Technologies Pvt. Ltd	4
73	High Tech Next Engineering & Telecom Pvt Ltd	17
74	GT Tech (APSSDC)	6
75	Adhikar Microfinance Limited	6
76	Faurecia (TN)	49
77	Integrated Resources (B)	27
78	Axis Bank	26
79	Uddhav Realtech	2
80	Pathkind Pharma	5
81	Apollo Hospitals Enterprise Ltd	78
82	AMRI Hospital	6
83	CUTM-SoPAHS	7
<b>Total Students Placed</b>		<b>1056</b>

## 5. Consulting & Training

The university gives utmost importance to Consulting & Training having academic relevance. These activities are geared towards solving real life problems faced by organisations and communities. The details of consulting and training activities are presented in Table 5.1. During the year the University provided consulting & training worth Rs. Twenty-Two Crore Fifty-Two Lakhs Eighty-Nine Thousand One Hundred Eighty only. In 2019, Centurion University has received research & consultancy projects from Dairy Products, Vermicomposting, Mushroom Unit, Agriculture Produces (Mango, Paddy, Vegetables. Etc.), Atal Project, Ministry of Rural Development, Integrated Tribal Development Agency (ITDA), Orissa Skill Development Authority (OSDA), Ashok Leyland, Gap Inc., Mind Tree and The Odisha SC & ST Develop Fin Corp Ltd.

**Table 5.1: Details of Training & Consulting Activities Undertaken**

Client Organisation	Title of Project	Amount Received (Rs.)
CUTM messes, employees	Dairy Products	6,95,648
NGO's, CUTM farms, Watershed(Gajapati and Kandhamal)	Vermicomposting	2,51,460
CUTM messes, employees	Mushroom	1,14,250
CUTM messes, employees, market	Agriculture produces(Mango, paddy, vegetables etc.)	15,02,484
Atal Project	Farmer's training	43109 farmers @4542 per farmer= 195,801,078 Crore
Ministry of Rural Development	Assessment & Certification of DDU-GKY candidates	188576
Integrated Tribal Development Agency	Skill development training	485910
Orissa Skill Development Authority	Placement linked Skill development program	7000300
Ashok Leyland	Skill Enhancement training to automotive technician	227832
Gap inc .	Pace training	10714469
Mind Tree	Taring fro Deft & Dump	3748632
Cafe Coffee day	Skill training in Hospitality	3483272
The Odisha SC & ST Develop Fin Corp Ltd	Under Skill India - Fitter & electrical Trade to SC & ST candidates 200 Nos.	11075269

One of the key objectives of the University is empowering communities. Accordingly, a number of extension and community outreach activities have been undertaken during the year 2019-20 (Farmer Mela, Unnat Bharat Abhiyan, Model Village Program and NSDC Trainings)

## 6. Research Projects, Publications, Seminars & Conferences

Research & Publications are important activities of the University. The University encourages its Faculty and Students to undertake context specific research for solving real life problems faced by organisations and communities. During the Year University filed 28 patents.

The School-wise publications of faculty and students are presented next. During the year, the faculty and students published 133 number of journal articles.

### 6.1. List of Publications

#### Electrical and Electronics Engineering

Behera, R.R. & Kumar, S. (2019) “*Performance comparison of PV module using INC MPPT with Boost & SEPIC converter*” **International journal of Scientific & Technology Research** Vol-1 Issue 1

Kumar,S. (2019) “*Probabilistic evaluation and design aspects for reliability enhancement of induction motor*” **International Journal of Reliability and Safety** Vol-13 Issue-4

#### Civil Engineering

Nanda, S., Barik, K.K. & Annadurai, R. (2019) “*Urbanisation persuaded geochemical impact assessment og groundwater quality for Kattankulathur bloch, Tamil Nadu, South India*” **International Journal of ChemTech Research** Vol-12, Issue-1

Mishra, S.P., Sethi, K.C., Mishra, D.P. & Siddique, M. (2019) “*Pre-Monsoon Cyclogenesis over Bay of Bengal*” **International Journal of Recent Technology and Engineering**

Dalai, P.C., Tripathy, J.K., Barik, K.K., & Panda, S.R., (2019) “*Groundwater Hydrochemistry around the Shrimp ponds of Ersama and Balikuda Blocks, Odisha*” **Pollution Control**

Mohanty. M. & Panda, S. (2019) “*Crumb Rubber: A sustainable Road Paving Material*” **International Journal of Innovative Technology and Exploring Engineering**

Panda, S., Panigrahy, R.K. & Narashimam, M.L. “*A Review on Utilization of Alkali activated flyash and GGBFS as green concrete*” **ADALYA Journal** Vol-8 Issue-7

Rout, A.K., Nayak, S. & Jena, R.K. (2019) “*Recycling and reuse of reclaimed portland cement concrete aggregate*” **International Journal of Technical Innovation in Modern Engineering & Science**

Nayak, P., Panda, S. & Jena, R. (2019) “*Stabilization of soil subgrade using fly ash: an industrial waste*” **Infocara Research**

Mishra, S.P., Nayak, S. & Siddique, M. (2019) “*Optimized Structural Performance of Paver Blocks of Bajri Concrete: NRM Partly Substituting Cement*” **International Journal of Innovative Technology and Exploring Engineering**

Mohanty, M. & Panda, S. (2019) “*Crumb Rubber: A sustainable road paving material*” **International Journal of Innovative Technology and Exploring Engineering**

Mishra, S.P., Panda, S. & Siddique, M. (2019) “*An Autodesk Modelling of Urbanization by Vertical Multistoried Structures over Incompetent Soils*” **International Journal of Engineering and Advanced Technology**

Jena, R.K., Pani, P., Singh, S.K. & Nayak, P.K. (2019) “*Workability and strength analysis of concrete with brick ballast as coarse aggregate*” **International Journal of Engineering and Advanced Technology**

### **Electronics and Communication Engineering**

Yuvraj, S., Fernandez, A.C., Sundararajan, M., Dash, C. S., & Sakthivel, P. (2019) “*Hydrothermal Synthesis of ZnO-CdS nanocomposites: Structural, Optical and Electrical Behaviour*” **Ceramics International** Vol-46, Issue- 1,391-402

Yuvaraj, S., A, Thamilselvan., Ramachandran, S., Venkatesan, S., Sundararajan, M., & Chandra Sekhar Dash (2019) “*Impact of Mg<sup>2+</sup> ion on the structural, morphological, optical, vibrational and magnetic behaviour of ZnAl<sub>2</sub>O<sub>4</sub> spinel*” **Journal of Superconductivity and Novel Magnetism**

Ramachandran, S., Dash, C.S., Thamilselvan, A., Kalpana, S. & Sundararajan, M. (2019) “*Rapid synthesis and characterization of pure and cobalt doped zinc aluminate nanoparticles via microwave assisted combustion*” **Journal of Nano science and Nanotechnology** Vol-20, Issue- 4, 2382-2388

Pradhan, S., Barik, D.K., Krishna, M.V. & Raut, S. (2019) “*Generation of Spreading Codes with Minimum Correlation using Sorting Genetic Algorithm-II*” **International Journal of Innovative Technology and Exploring Engineering** Vol-9 Issue-1

Padhy, S.N., Padhi, B.K. & Patnaik, P.K. (2019) “*Controller Design for Bridgeless SEPIC PFC Rectifier Operating in Continuous Conduction Mode*” **Far East Journal of Electronics and Communications**

Padhi, B.K., Padhy, S.N. & Patnaik, P.K. (2019) “*GSM Based Temperature and Humidity measurement of SILO*” **Far East Journal of Electronics and Communications**

Dhiwahaar, T., M. Sundararajan, P. Sakthivel, Dash, C.S. & S. Yuvaraj (2019) “*Microwave assisted combustion synthesis of pure and zinc doped copper ferrite nanoparticles: structural, morphological, optical, vibrational and magnetic behaviour*” **Journal of Physics and Chemistry of Solids**

Mohanta, H.C., (2019) “*Metasurface based frequency and polarization reconfigurable antenna*” **Far East Journal of Electronics and Communications** Vol-20 Issue-1, 21-27

Mohanta, H.C., (2019) “*Design of an improved absorbing structure using Jerusalem structure*” **International Journal of Emerging Technologies and Innovative Research** Vol-6 Issue-6, 167-172

Mohanta, H.C., Pradhan, S., Das, R. & Barik, D.K. (2019) “*Design of A Circular Patch Antenna for Wireless Body Area Network Application*” **International Journal of Emerging Technologies and Innovative Research** Vol-6 Issue-6, 721-725

Mohanta, G. & Mohanta, H.C. (2019) “*Image compression using different vector quantization algorithms and its comparison*” **International Journal of Innovative Technology and Exploring Engineering** Vol-8 Issue-9, 3459-3488

Mohanta, H.C., Kouzani, A.Z. & Mandal, S.K. (2019) “*Reconfigurable antennas and their applications*” **Universal Journal of Electrical and Electronic Engineering** Vol-6 Issue-4

Parida, P.K., Jena, S.P. & Rana, D. (2019) “*Road Detection Region Growing by Markov Random Field*” **International Journal of Technical Innovation in Modern Engineering & Science** Vol-5 Issue-4

Mahali, S., Barik, D.K. & Rana, D. (2019) “*Cost Optimization of Underwater Wireless Sensor Network using Conventional Method and Fuzzy Inference System*” **International Journal for Research in Applied Science and Engineering Technology** Vol-7 Issue-5

### **Mechanical Engineering**

Patro, S., L. Harish & Rao, P.S. (2019) “*A Fuzzy Modeling for Selection of Machining Parameters in Wire Electrical Discharge Machining of D2 Steel*” **International Journal of Recent Technology and Engineering** Vol-8, Issue-5

Mishra, S. (2019) “*Design and Development of Weldment Bottom Scraper and its Strength*” **Journal of Emerging Technologies and Innovative Research**

Rao, P.S. (2019) “*Polymer Based Composites via Fused Filament Fabrications (FFF) - A Review and Prospective*” **National Conference on Advancements in Materials, Design and Manufacturing Methods**

Rao, P.S. (2019) “*Optimization of Wire EDM Process Parameters Using a Composite Method of AHP Based TOPSIS*” **National Conference on Advancements in Materials, Design and Manufacturing Methods**

Rao, P.S. (2019) “*Shape Memory Alloys a Great Boon for the Industrial Application*” **International Journal of Engineering Research & Technology**

Nayak, S. & Mallick, A. (2019) “*CFD Analysis of Electrolyte Flow in Electrochemical Machining*” **JP Journal of Heat and Mass Transfer**, Volume 17, Number 1, 2019, Pages 203-214

Rao, P.S. (2019) “*Feasibility of Reused Palm Oil Blends as a Dielectric Medium for Electric Discharge Machine*” **International Journal of Innovative Technology and Exploring Engineering** Volume-8, Issue-9

Mishra, S. (2019) “*Multiphase Mixture Model Simulation over a Simplified Car*” **Advances and Applications in Fluid Mechanics**, Volume 23, Number 1, Pages 17-24

Rao, P.S. & Suman, P. (2019) “*A Survey on Friction Stir Welding of Dissimilar Magnesium Alloys*” **International Journal of Scientific Research and Review**, Volume 8, Issue 1

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Mohanta, D.K. (2019) “Mechanics of Grains Size and Orientation on the Machining of AISI S-7 Steel Grade Using Numerical Technique” **International Journal of Engineering and Adv. Tech**, Vol- 9, Issue-1, ISSN: 2249 – 8958

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A. Abhilasha. & Seekoli, A. (2019) “Textractor-Extract Optimal Character in an Image File” **Far East Journal of Electronics and Communications** Vol-20, Issue-2



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Rao. S.K. (2019) “*Municipal Solid Waste management in Vishakhapatnam City, India*” **International Journal of Engineering and Advance Technology** Vol-8, Issue-6

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Mohanty, P.k. (2019) “*Testing the Effects of Customer Relationship Management (CRM) Practices on Customer Acquisition*” **Pacific Business Review International** Vol-11, Issue-11

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Meher, D. (2019) “*Reliance and Livelihood Significance of Non Timber Forest Products in Odisha: A Review*” **Journal of Pharmacognosy and Phytochemistry**, Vol-8, Issue-1

Singh, P.K. (2019) “*Ems and Gamma Radiation Induced Mutation in Grasspea (Lathyrus Sativus L.)*” **Legume Research**, Vol-42, Issue-3

Pal, A. (2019) “*Growing of Tube Rose with Different Irrigation Treatment under Allurial Soil of West Bengal*” **Journal of Pharmacognosy and Phytochemistry**, Vol-8, Issue-3

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Satapathy, A. (2019) “*An application of box-jenkins methodology for forecasting of green gram productivity in Odisha*” **Journal of Pharmacognosy and Phytochemistry**, Vol-8, Issue-3

Ray, S. (2019) “*Statistical Study on Modeling and Forecasting of Jute Production in West Bengal, India.*” **International Journal of Current Microbiology and Applied Science**, Vol-8, Issue-7

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- Nokala, M., Mandal, T.K., Maitra, S. & Adhikary, R. (2019) “*Performance of traditional rice (Oryza sativa L.) Varieties under System of Rice Intensification during Kharif Season in South Odisha Conditions*” **International Journal of Agriculture, Environment and Biotechnology**, Vol-12, Issue-3
- Dokkara, P.K., Mandal, T.K., Zaman, A. & Pal, A. (2019) “*Studies on the effect of Phosphorous levels on yield attributes and yield growth of groundnut in South Odisha condition*” **International Journal of Agriculture, Environment and Biotechnology**, Vol-12, Issue-4
- Harika, J.V., Maitra, S., Shankar, T., Bera, M. & Manasa, P. (2019) “*Effect of Integrated Nutrient Management on Productivity, Nutrient Uptake and Economics of Finger Millet (Eleusine coracana L. Gaertn)*” **International Journal of Agriculture, Environment and Biotechnology**, Vol-12, Issue-3
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- Koley, P., Maitra, S. & Sarkar, I. (2019) “*Studies on the Exogenous Application of Plant Growth Regulators on Morphological and Biochemical Changes in Gladiolus (Gladiolus grandiflorus L.) Leaf*” **International Journal of Current Microbiology and Applied Sciences**, Vol-8, Issue-9
- Kole, P., Maitra, S. & Kolukunde, S. (2019) “*Plant growth regulator mediated biochemical changes in corms of gladiolus (Gladiolus grandiflorus L.) cv. American beauty*” **International Journal of Chemical Studies**, Vol-7, Issue-4
- Sarkar, A., Majumder, J., Sarkar, A. & Koley, P. (2019) “*Studies on drying methods for evaluation of biochemical properties in African marigold (Tagetes erecta L.)*” **International Journal of Chemical Studies**, Vol-7, Issue-6
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- Gari, P., Mandal, T.K., Maitra, S. & Pushpalatha G. (2019) “Effect of Mulching and Pre-Sowing Seed Treatment with Agro Chemicals on the Growth and Yield of Summer Sesame (*Sesamum indicum* L.) Under Limited Water Resource” **International Journal of Agriculture, Environment and Biotechnology**, Vol-12, Issue-3
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## 6.2. Workshop and Conference

Different Schools of the University organised a number of seminars, workshops & conferences in-house. The details of these are presented in Table below.

**Table 6.2: Details of Seminars, Workshops & Conferences Organised in 2019-20**

Sl. No.	Topic
1.	National Seminar on Agriculture Development in Southern Odisha by M.S. Swaminathan School of Agriculture, Paralakhemundi Campus
2.	AWS Technical Essential Workshop by Computer Science Engineering Department, Paralakhemundi Campus
3.	Workshop on Computational Thinking by Computer Science Engineering Department, Paralakhemundi Campus
4	Workshop on Refrigeration and Air Conditioning by Mechanical Engineering Department, Paralakhemundi Campus in association with National Engineering Corporation, Visakhapatnam
5	National Seminar on 5G Communication Techniques by Electronics and Communication Engineering Department, Paralakhemundi Campus
6	Workshop on Internet of Things by Electronics and Communication Engineering Department, Paralakhemundi Campus
7	Workshop on Structural Design using Tekla by Civil Engineering Department, Paralakhemundi Campus in association with Civil Centre Pvt. Ltd., Bhubaneswar
8	Workshop on Introduction to Cloud Computing and its Applications by Computer Science Engineering Department, Bhubaneswar Campus
9	Five Day Workshop on Internet of Things using Arduino Board by Computer Science Engineering Department, Bhubaneswar Campus
10	Workshop on Artificial Intelligence, Wireless Communication and Mechatronics using Simulink and MATLAB by Computer Science Engineering Department, Bhubaneswar Campus
11	Seminar on Control of Automation under Water Vehicles like Submarine by Electrical Engineering Department, Bhubaneswar Campus
12	Seminar on Transformer Manufacturing by Electrical Engineering Department, Bhubaneswar Campus
13	Seminar on Optical Engineering- An Evolution from Science to Technology to Product by Mechanical Engineering Department, Bhubaneswar Campus

14	National Seminar on Plants for Sustainable Development and Clean Environment by Department of Botany, Bhubaneswar Campus
15	43 <sup>rd</sup> Annual Conference of Odisha Botanical Society by Department of Botany, Bhubaneswar Campus
16	National Conference on Recent Advances in Material(RAM): Green Future by Department of Chemistry and Physics, Bhubaneswar Campus
17	National Seminar on Indigenous Knowledge and Conservation of Threatened Medical Plants by School of Applied Sciences, Bhubaneswar Campus along with Ambika Prasad Research Foundation (APRF)
18	State Level Science Exhibition “Schienophile” by School of Applied Sciences, Bhubaneswar Campus
19	Animation workshop by School of Media and Communication, Bhubaneswar Campus
20	Film Making workshop by School of Media and Communication, Bhubaneswar Campus
21	VFX workshop by School of Media and Communication, Bhubaneswar Campus
22	4 <sup>th</sup> International Conference on Management, Sciences, Engineering & Applications (ICMSEA 2019) on 19 <sup>th</sup> to 21 <sup>st</sup> December 2019
23	English Express Boot Camp in association with Ekalavya Initiative on 4 <sup>th</sup> – 6 <sup>th</sup> January 2020
24	IELTS workshop series for Faculty, May – June 2019



## 7. Faculty & Staff Development Programmes

The Faculty and Staff are the most important resource of the University. As on November 2019 the faculty strength includes 190 in Paralakhemundi campus, 141 in Bhubaneswar campus, 26 in Rayagada campus and 38 in Bolangir campus. To improve the faculty resource in line with the needs of the internal and external environment, the University recruit's new faculty and staff and upgrades their competencies on a continuous basis. During the year Faculty Development Programmes were organised in-house for enhancing domain knowledge, teaching learning skill and competencies in engaging with community. The details are presented in Table 7.1. Faculty and Staff are sponsored to participate in programs outside the university, in areas that are not covered in-house.

**Table 7.1: Details of In-house Faculty Development Programmes (2019-20)**

Sl. No.	Topic
1	Dr. Prajna Pani & Prof. Subhendu Mishra facilitated FDP: Resource Person - Mr. Himanshu Bhatt Topic Name: Change Management towards Creativity & Excellence on 27 <sup>th</sup> Jan 2020
2	Faculty facilitated FDP: Dr. Prajna Pani Topic Name: Be a Contributor on 11 <sup>th</sup> Dec 2019
3	Faculty facilitated FDP: Mrs. Himabindu & Mr. Murali, Topic Name: Intellectual Property Rights on 23 <sup>rd</sup> Nov 2019
4	Faculty facilitated FDP: Dr. Pandu Ranga Vundavilli, Dr. P. Vamsi Krishna & Mr. Dinesh, Topic Name: Reverse Engineering in Product Manufacturing on 19 <sup>th</sup> to 23 <sup>rd</sup> Nov 2019
5	Faculty facilitated FDP: Prof. (Dr.) Are Holen, Topic Name: Group Dynamics on 16 <sup>th</sup> to 18 <sup>th</sup> Oct 2019
6	Faculty facilitated FDP: Mr. Raj Trivedi, Topic Name: Adobe Spark on 20 <sup>th</sup> to 24 <sup>th</sup> Sep 2019
7	Faculty facilitated FDP: Dr. Sudheer Kumar & Dr. VVSSS Chakravarthy, Topic Name: Bio-Inspired Computational Techniques & Tools for Engineering Applications on 29 <sup>th</sup> to 30 <sup>th</sup> Aug 2019
8	Faculty facilitated FDP: Prof. Supriya Pattanayak, Topic Name: Gender, Human Value & Ethics on 16 <sup>th</sup> to 20 <sup>th</sup> Aug 2019
9	Faculty facilitated FDP: Prof. S.S. Mohapatro, Topic Name: Soft Computing Techniques for design of Experiments on 12 <sup>th</sup> July 2019
10	Faculty facilitated FDP: Prof. J.N. Patnaik, Topic Name: Outcome Based Education on 6 <sup>th</sup> July 2019
11	Faculty facilitated FDP: Prof. P.C. Rao, Dr. E. Nandi & Dr. A.S. Rajput, Topic Name: Soli Health, its Management & Organic Agriculture on 19 <sup>th</sup> to 20 <sup>th</sup> June 2019

12	Faculty facilitated FDP: Prof. Sibakripa Bose, Topic Name: Review of Mentoring Process on 31 <sup>st</sup> May 2019
13	Faculty facilitated FDP: Dr. Monalisa Mishra, Dr. Hirak Chakraborty & Dr. Harekrushna Sahoo Topic Name: Gene Analysis Technique & Bio Molecular Dynamics on 28 <sup>th</sup> to 29 <sup>th</sup> May 2019
14	Faculty facilitated FDP: Prof. Sujit Mishra, Topic Name: Dassault System- Simulia on 27 <sup>th</sup> to 28 <sup>th</sup> May 2019
15	Faculty facilitated FDP: Dr. B.R. Shamanna, Topic Name: Public Health & Bio Statistics on 20 <sup>th</sup> May 2019
16	Faculty facilitated FDP: Dr. Susant Mohanta, Topic Name: Density Functional Theory on 13 <sup>th</sup> to 14 <sup>th</sup> May 2019
17	Faculty facilitated FDP: Dr. Prajna Pani & Prof. S. Abinash, Topic Name: Course Development in AWS Platform on 18 <sup>th</sup> to 19 <sup>th</sup> April 2019
18	Faculty facilitated FDP: Dr. Prajna Pani, Topic Name: Communication on 30 <sup>th</sup> March 2019
19	Faculty facilitated FDP: Dr. Smita Mishra Panda, Topic Name: Gender Sensitivity & Awareness on 1 <sup>st</sup> March 2019
20	Faculty Facilitated FDP: Dr. Bibhunandini Das, Topic Name: Ms-Excel on 25 <sup>th</sup> Jan 2019
21	Faculty Facilitated FDP: Prof. S.M. Biswal, Topic Name: Building culture of excellence in higher education institute on 4 <sup>th</sup> Feb 2019
22	Faculty Facilitated FDP: Dr. Bijaya Bhujabal, Topic Name: Communication on 6 <sup>th</sup> Feb 2019
23	Faculty Facilitated FDP: Dr. Supriya Pattanayak, Topic Name: Gender sensitization on 14 <sup>th</sup> Feb 2019
24	Faculty Facilitated FDP: Mr. Janmejaya Sasmal & Mr. Akhilesh Kumar, Topic Name: Advance excel on 23 <sup>rd</sup> Feb 2019
25	Faculty Facilitated FDP: Dr. Smita Mishra Panda, Topic Name: Research proposal writing on 23 <sup>rd</sup> Feb 2019
26	Faculty Facilitated FDP: Dr. Nrusinha Das, Topic Name: Enterprise resource planning on 27 <sup>th</sup> Feb 2019
27	Faculty Facilitated FDP: Major General R.C. Padhi & Prof. K.K. Barik, Topic Name: Overview of the geo spatial technology on 25 <sup>th</sup> to 27 <sup>th</sup> March 2019
28	Faculty Facilitated FDP: Major General R.C. Padhi, Topic Name: Inculcating Professionalism on 27 <sup>th</sup> May 2019
29	Faculty Facilitated FDP: Mr. Chiranjeeb Prasad Mohanty & Mr. Sourav Mohapatra, Topic Name: Autocad on 30 <sup>th</sup> May 2019
30	Faculty Facilitated FDP: Ms. Suchismita Nayak & Mr. Sanjay Harichandan, Topic Name: Adobe spark for SoVET on 12 <sup>th</sup> June 2019

31	Faculty Facilitated FDP: Mr. Sudhansu Mohan Nayak, Topic Name: Team Building and Leadership - Placement Dept. on 28 <sup>th</sup> June 2019
32	Faculty Facilitated FDP: Mr. Bijay Bhujabal, Topic Name: Micro – teaching on 13 <sup>th</sup> July 2019
33	Faculty Facilitated FDP: Prof. Chandrabhanu Pattanayak & Team, Topic Name: Workshop on filmmaking on 19 <sup>th</sup> to 23 <sup>rd</sup> Aug 2019
34	Faculty Facilitated FDP: Dr. Amiya Singh, Topic Name: Workshop on Adobe spark – SoVET on 27 <sup>th</sup> Aug 2019
35	Faculty Facilitated FDP: Major General R.C. Padhi, Topic Name: Inculcating professionalism on 28 <sup>th</sup> Aug 2019
36	Faculty Facilitated FDP: Media & entertain skill council session on animation - VFX - multimedia - game - file making on 18 <sup>th</sup> Sep 2019
37	Faculty Facilitated FDP: Dr. Bijay Bhujabal, Topic Name: Micro – teaching on 21 <sup>st</sup> Sep 2019
38	Faculty Facilitated FDP: Dr. Susanta Kumar Mishra, Dr. P.R. Padhi & Prof. Kamesh Chivakula, Topic Name: Financial analysis and planning on 28 <sup>th</sup> Sep 2019
39	Faculty Facilitated FDP: Dr. Siba Prasad Parida & Dr. Yashaswi Nayak, Topic Name: Microtomy Technique on 26 <sup>th</sup> to 28 <sup>th</sup> Sep 2019
40	Faculty Facilitated FDP: Prof. R.C. Mohanty, Topic Name: Scientific paper writing on 12 <sup>th</sup> Oct 2019
41	Faculty Facilitated FDP: Dr. Dipankar Bhattacharyay, Topic Name: How to write research project proposal on 26 <sup>th</sup> Oct 2019
42	Faculty Facilitated FDP: Dr. Dipankar Bhattacharyay, Topic Name: How to write a research project proposal on 9 <sup>th</sup> Nov 2019
43	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning on 14 <sup>th</sup> Nov 2019
44	Faculty Facilitated FDP: Mr. Samuel Crotty, Topic Name: Achiving at university on 14 <sup>th</sup> Nov 2019
45	Faculty Facilitated FDP: Mr. Samuel Crotty, Topic Name: Empowering disengaged students on 15 <sup>th</sup> Nov 2019
46	Faculty Facilitated FDP: Mr. Samuel Crotty, Topic Name: Achiving at university on 16 <sup>th</sup> Nov 2019
47	Faculty Facilitated FDP: Er. Girija Sankar Senapati, Topic Name: DGPS, Civil Department on 15 <sup>th</sup> to 16 <sup>th</sup> Nov 2019
48	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine learning, study and applications of flann & Ida on 19 <sup>th</sup> Nov 2019
49	Faculty Facilitated FDP: Dr. Dipankar Bhattacharyay, Topic Name: How to write a good quality research paper on 22 <sup>nd</sup> Nov 2019

50	Faculty Facilitated FDP: Dr. Dipankar Bhattacharyay, Topic Name: Pedagogy on 23 <sup>rd</sup> Nov 2019
51	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Study and Applications of FLANN & LDA, Reinforcement Learning on 28 <sup>th</sup> Nov 2019
52	Faculty Facilitated FDP: Dr. Dipankar Bhattacharyay, Topic Name: How to write a good quality research paper on 28 <sup>th</sup> Nov 2019
53	Faculty Facilitated FDP: Prof. B.K. Sahoo & Mr. S. Srinivas, Topic Name: IPR - Intellectual Property Rights, R&D and Innovation on 30 <sup>th</sup> Nov 2019
54	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Antcolony Optimization on 4 <sup>th</sup> Dec 2019
55	Faculty Facilitated FDP: Mr. Suwendu Kumar Dash, Topic Name: Workshop on block chain on 5 <sup>th</sup> Dec 2019
56	Faculty Facilitated FDP: Prof. Nagesh & Mr. Patjoshi, Topic Name: Workshop on block chain on 7 <sup>th</sup> Dec 2019
57	Faculty Facilitated FDP: Dr. Nagesh Kolagani, Topic Name: Workshop on Block Chain on 6 <sup>th</sup> to 9 <sup>th</sup> Jan 2020
58	Faculty Facilitated FDP: Dr. Dipankar bhattacharyay, Topic Name:SDP on How to write a Proposal on 7 <sup>th</sup> Jan 2020
59	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name:Machine Learning - Cat Swarm Optimization Technique (CSO) on 7 <sup>th</sup> Jan 2020
60	Faculty Facilitated FDP: Dr. Bijay Bhujabal, Topic Name:Micro Teaching on 9 <sup>th</sup> to 10 <sup>th</sup> Jan 2020
61	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB for Machine Learning on 9 <sup>th</sup> Jan 2020
62	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Multi Objective GA (NSGA2) on 11 <sup>th</sup> Jan 2020
63	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB for Machine Learning - Creating Vectors & Arayas on 14 <sup>th</sup> Jan 2020
64	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB for Machine Learning - Mathematical Operations with Arrays on 15 <sup>th</sup> Jan 2020
65	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB for Machine Learning - Programming using Script file on 16 <sup>th</sup> Jan 2020
66	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Least Mean Square Algorithm (LMS) on 17 <sup>th</sup> Jan 2020
67	Faculty Facilitated FDP: Prof. Satyaban Jena, Topic Name: Mechanistic Organic Chemistry on 17 <sup>th</sup> to 18 <sup>th</sup> Jan 2020

68	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Variants of LSM & RLS on 18 <sup>th</sup> Jan 2020
69	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB Programming Using Script File on 21 <sup>st</sup> Jan 2020
70	Faculty Facilitated FDP: Dr. Sarmistha Sahu & Dr. RP Sahu, Topic Name: Animated Spreadsheets to Enhance Learning on 23 <sup>rd</sup> Jan 2020
71	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB Graphics (2D plotting) on 23 <sup>rd</sup> & 24 <sup>th</sup> Jan 2020
72	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Bacterial Foraging Algorithm on 25 <sup>th</sup> Jan 2020
73	Faculty Facilitated FDP: Mr. Himanshu Bhatt, Topic Name: Change Management towards Creativity & Excellence on 27 <sup>th</sup> Jan 2020
74	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Machine Learning - Differential Evolution Optimization (DEO) on 28 <sup>th</sup> Jan 2020
75	Faculty Facilitated FDP: Dr. Kalpana Sahoo, Topic Name: Positive Classroom Behavior and Classroom Management on 28 <sup>th</sup> Jan 2020
76	Faculty Facilitated FDP: Dr. Prafulla Ku Mohanty, Topic Name: Skill in Knowledge on 29 <sup>th</sup> Jan 2020
77	Faculty Facilitated FDP: Prof. Ganapati Panda, Topic Name: Basic Machine Learning Strategy Applied to Research Problems on 31 <sup>st</sup> Jan 2020
78	Faculty Facilitated FDP: Dr. R.C. Mohanty, Topic Name: MATLAB for Machine Learning - Polynomials and curve fitting on 1 <sup>st</sup> Feb 2020
79	Faculty Facilitated FDP: Mr. Devraj Biswal, Topic Name: GMP and cGMP Considerations in Pharmaceutical Industry on 3 <sup>rd</sup> Feb 2020
80	Faculty Facilitated FDP: Dr. Sujata Chakravarthy, Topic Name: MATLAB for Machine Learning - Control Structure ( Conditional Statements) on 5 <sup>th</sup> Feb 2020





## 8. Recognitions & Achievements

### 8. Recognitions

#### Ph.D. Awarded

- Manasee Rath in English, *“Exploring Correlations among Learners’ Attitude & Self-Efficacy for English Language Achievement”* under the guidance of Dr. Prajna Pani.
- Gitanjali Behera in Agriculture Engineering, *“Starch Gelatinization and Drying of Paddy using Microwave Heating”*
- Asish Ranjan Dash in Agriculture Engineering, *“Investigation of Cascaded Multilevel Inverter based SAF with Alternative Configurations under Ideal and Nonideal Grid Voltage Conditions”*
- Sudhansu bhusan Mohapatra in Mechanical Engineering, *“Non-edible Vegetable Oils as Sources of Renewable Energy for Diesel Engines”*
- Mohammed Siddique in Applied Sciences, *“Time Series Analysis and forecasting of Financial Stock Market using Hybrid machine learning based optimization models”*
- Atia Arozoo in Applied Sciences, *“Studies on removal of Nickel toxicity from Polluted soil of selected mining area of Odisha”*
- Mohammad Aamir Pasha in Media Communication, *“Journalism & Mass Communication”*

#### Session Chaired, Talk Delivered

- Session Chaired by Dr. Anita Patra in the 4<sup>th</sup> International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19<sup>th</sup> – 21<sup>st</sup> December 2019.
- Session Chaired by Dr. Prajna Pani in the 2019 WEI International Conference on Humanities & Social Sciences: Harvard Faculty Club, Boston, USA, 29<sup>th</sup> July - 2<sup>nd</sup> August 2019.
- Session Chaired by Dr. Umakanta Nayak in the 4<sup>th</sup> International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19<sup>th</sup> – 21<sup>st</sup> December 2019.
- Session chaired by Dr. Prajna Pani in the 4<sup>th</sup> International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19<sup>th</sup> – 21<sup>st</sup> December 2019.
- Invited as Speaker- Dr. Prajna Pani, on *“Draft National Education Policy 2019”* at SKCG, Gajapati, 7<sup>th</sup> January 2020.
- Invited as Resource Person- Dr. Prajna Pani, to conduct English Diagnostic Test at IIT Bhubaneswar, 24<sup>th</sup> July 2019.
- Paper Presentation by Dr. Prajna Pani in the 2019 WEI International Conference on Humanities & Social Sciences: Harvard Faculty Club, Boston, USA, 29<sup>th</sup> July - 2<sup>nd</sup> August 2019.

- Paper Presentation by Dr. Prajna Pani “*Attitude of Engineering Students’ towards English Language Achievement*” in the 4<sup>th</sup> International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19<sup>th</sup> – 21<sup>st</sup> December 2019.
- Paper Presentation by Dr. Prajna Pani “*The Emerging Paradigms: Heutagogy, Paragogy & Cybergogy*” in the 14<sup>th</sup> International Conference of ELTAI, Right to English, Amity Institute of English Studies & Research, Noida.
- Talk Delivered by Dr. Shivala Kumar “*Employment and Income Generation Through Agro-Processing*” in Centurion University of Technology & Management, 21<sup>st</sup> August 2019.
- Talk delivered by Dr. R.C. Mohanty “*FEM: An innovative way to solve Engineering problems*” in Government College of Engineering, Keonjhar, 25-26 Feb 2019.
- Session chaired by Dr. R.C. Mohanty in the 4<sup>th</sup> International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19<sup>th</sup> – 21<sup>st</sup> December 2019.
- Talk delivered by Mrs. Debashree Debadatta Behera, “*Given training session on "Platform skill and training Methodology" in ORMAS(SRO) Training Programme*” in Centurion University of Technology & Management, 19<sup>th</sup> – 24<sup>th</sup> July 2019.
- Invited as speaker- Dr. Tapan Dash “*Meet Graphene "the wonder material of the 21st Century and its applications"* in BRM College, 4<sup>th</sup> September 2019.
- Dr. Saubhagyalaxmi Behera “*Structural and Frequency dependent electrical properties of lead free Na<sub>2</sub>Ba<sub>2</sub>La<sub>2</sub>W<sub>2</sub>Ti<sub>4</sub>Nb<sub>4</sub>O<sub>30</sub>ceramic* in ICAM- 2019, MG University, Kottayam, Kerala, 9<sup>th</sup> – 11<sup>th</sup> August 2019.
- Paper Presentation by Dr. Kakani Grihalakshmi “*Future of Farming- Why Achieving Sustainability remained Elusive?*” in the 4<sup>th</sup> International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19<sup>th</sup> – 21<sup>st</sup> December 2019.
- Session Chaired by Dr. Kakani Grihalakshmi in the 4<sup>th</sup> International Conference on Management, Sciences, Engineering & Applications (ICMSEA-2019): Centurion University of Technology & Management, 19<sup>th</sup> – 21<sup>st</sup> December 2019.



## 9. Collaborations & Networking

During the year the University signed MoUs with 10 institutions within the country and 2 institutions outside the country. The details are presented in Table 9.1. Our relationship with existing collaborators have been deepened and widened.

**Table 9.1: Details of Collaboration**

Sl. No.	Partner Institution	Scope
1	Dassault Systems' Foundations	Supporting within the framework of the project by providing a financial contribution
2	Centre for Community Development, Paralakhemundi	Support services that improves the livelihoods and lives of rural poor families
3	OSSC LTD, Bhubaneswar	Seed Producer/Co-Operative Firms for Production & Supply of Seeds to Bhubaneswar
4	Virginia Tech India Research and Education Forum (VTIREF)	For Certificate Program in Data Science & Artificial Intelligence Program
5	ICAR-IIHR, Bengaluru	For facilitating Students Training, Internship/Post Graduate & Ph.D. Research/Scientists Exposure & Involvement
6	Central Tuber Crops Research Institute (CTCRI), Thiruvananthapuram	For facilitating Students Training, Internship/Post Graduate & Ph.D. Research/Scientists Exposure & Involvement
7	Annan Chandra Hassan Trust	For set up of an effective skill centre, Developing learning modules under each stream, Provide training to the teachers and trainers to be recruited by the training partner
8	Frobenius Institute for Research in Cultural Anthropology - Goethe University Frankfurt	For Research in Cultural Anthropology and the Goethe University Frankfurt are developing collaborative relationship in relation to teaching and research.
9	Prime University, Dhaka, Bangladesh	For Student Development & Exchange Programme, Faculty Development Programme, Training, Setting up laboratories, Centre of Excellence, Go

		to market in 100 days, Running of academic courses, Research project work and identified product development
10	Bosch's India Foundation	For Industry-Academia Collaboratio
11	Vasudhaika Softwate pvt Ltd ( Kalgudi Software)	For quality education using kalgudi softwre solutions platform
12	Centre For Sustainable Agriculture, Secunderabad	For Providing Quality learning opportunities for studetns, scientists and communities

## 10. Events

### 10.1 CSR Activities

The University organised a number of events in the areas of Culture, Sports & Socially Responsible activities.

#### Cultural Activities

- Utkal Diwas celebrated on 1<sup>st</sup> April 2019
- District Level Youth Parliament was organised in the month of August 2019
- 73<sup>rd</sup> Independence Day celebrated on 15<sup>th</sup> August 2019
- Raksha Bandhan celebrated on 15<sup>th</sup> August 2019
- Investiture Ceremony of Gender Champions conducted on 15<sup>th</sup> August 2019
- Ganesh Chaturthy celebrated on 2<sup>nd</sup> September 2019
- Teachers Day celebrated on 5<sup>th</sup> September 2019
- International Literacy Day celebrated on 8<sup>th</sup> September 2019
- World Engineers Day celebrated on 15<sup>th</sup> September 2019
- Viswa Karma Puja celebrated on 17<sup>th</sup> September 2019
- Gajajyoti 2019 organised on 2<sup>nd</sup> March 2019
- Gandhi Jayanti celebrated on 2<sup>nd</sup> October 2019
- Campus Khati program by Tarang Music Channel on 2<sup>nd</sup> August 2019
- 6th Chandrabhaga Poetry Festival 2020 celebrated on 2th January 2020
- Under 25 Summit organised on 18<sup>th</sup> January 2020



## Sport Activities

- AIU East Zone Inter University Chess Championship – 2019 held at Centurion University, Paralakhemundi Campus from 29.10.2019 to 01.11.2019.
- CUTM Cup, Inter University Sports Championship organised on 21<sup>st</sup> January 2020
- National Sports Day celebrated on 29<sup>th</sup> August 2019
- Observation and celebration of International Yoga Day on 21st June 2019
- AIU East Zone Inter University Chess Championship – 2019
- Inter University Sports Championship organized in January 2020
- National Sports Day celebrated on 29th August 2019



## Socially Responsible Activities

- International Women's Day Celebrated on 8<sup>th</sup> March 2019
- Legal Literacy Camp (#Balanceforbetter) was conducted on 8<sup>th</sup> March 2019
- Blood Donation Camp organised by Youth Red Cross on 30<sup>th</sup> March 2019
- Candle Peace March was initiated on 22<sup>nd</sup> April 2019 in tribute of series of eight devastating bomb blasts that ripped through high-end hotels and churches holding easter services in Colombo, Negombo, Dehiwala, Dematagoda and Baticaloa in Sri Lanka on Sunday during easter celebration
- One-month mass cleanliness drive on "Polythene/Plastic free campus" was conducted from 11<sup>th</sup> June to 10<sup>th</sup> August 2019
- Thousand Tree Plantation in the campus and adopted villages conducted on 30<sup>th</sup>, 31<sup>st</sup> July and 1<sup>st</sup> August 2019
- 73<sup>rd</sup> Independence Day and Raksha Bandhan celebrated by CSR team at Jagannath Niketan (Orphanage) on 15<sup>th</sup> August 2019
- 73<sup>rd</sup> Independence Day and Raksha Bandhan celebrated by CSR team at Vivekananda Ashram (Orphanage) on 15<sup>th</sup> August 2019
- Blood Donation Camp organised by Youth Red Cross on 19<sup>th</sup> September 2019
- Cleanliness Drive conducted in campus on the occasion of Gandhi Jayanti, 2<sup>nd</sup> October 2019



## 10.2 Distinguished Visitors

There were a number of distinguished persons who visited the University during the year, the same are presented in Table below.

**Table 10.2: Distinguished visitors**

Sl. No	Name of Visitors	From
1	Shri. Tankadhar Behera	ACF, Sundergarh Forest Division, Sundergarh
2	Dr. Arun Kumar Swain	Assitant Director, State Forensic Science Lab, Bhubaneswar
3	Prof B.C. Guru	Retired Professor, KIIT University, Bhubaneswar
4	Prof P.K Mohanty	Retired Professor, Utkal University, Bhubaneswar
5	Prof B. C. Guru	Retired Professor, KIIT University, Bhubaneswar
6	Dr Rajeswar Prasad	Scientist, Eastern Regional Center, MoEF, Bhubaneswar
7	Shri Tankadhar Behera	ACF, Sundergarh Forest Division, Sundergarh
8	Dr Arun Kumar Swain	Assistant Director, State Forensic Science Lab, Bhubaneswar
9	Dr. N.K .Dhal	Scientist, CSIR-IMMT, Bhubaneswar
10	Dr. AK Pathak	Additional PCO, Nandankanan, Bhubaneswar
11	Mr. H.S Upadhaya	Director, Nandankanan, Bhubaneswar
12	Dr Rajeswar Prasad	Scientist, Eastern Regional Center, MoEF, Bhubaneswar
13	Mr. Jayanta Dash	Deputy Director, Nandankanan, Bhubaneswar
14	Dr. Akshya Shaw	IPR Gandhi Nagar

15	Dr. Tapan Routray	NALCO, Bhubaneswar
16	P.R. Das	VSSUT, Sambalpur
17	Shashank Kumar	Sales Executive, DLAB Scientist Pvt. Ltd Bhubaneswar
18	Dr. Sanjeet Kumar	President, APFRF, Bhubaneswar
19	Manas Maharana	Business Executive, BIO Apps, Bhubaneswar
20	Prof. Satyaban Jena	Former Director R&D, Utkal University, Bhubaneswar
21	Dr. Dileep Vasudevan	Ph.D., Scientist ILS, Bhubaneswar
22	Dr. Sanjeet Kumar	President, APFRF, Bhubaneswar
23	Debasmita Mishra	Prof. University of Alaska Fairbanks. USA Bhubaneswar
24	Mr. Pranab K. Pani	Talenoleate Beyond Border (P) ltd, Bangalore
25	Dr. Jim Lee	Charles Darwin University, NT, Australia
26	Tanvir Anam	Head of BRAC Skill Development Programme, Bangladesh
27	Rajesh Kumar P	State Mission Manager, Kudumba shree, Kerala Kerala
28	NN Rao	CEO, SBI, Bhubaneswar
29	Anwar Ahmed	Managing Director, MS Group of Institution, Hyderabad
30	Syed Omer Javed,	IAS, Intermediate Education, Telangana
31	Janab. Hyder Vali. Janab. Zairuddin Ali Khan	Bangalore Hyderabad
32	V. Hanuman Naik	AP Skill mission, Andhra Pradesh
33	Dr. Chandrasekhar Rai	New Delhi
34	Raghavendra .H	MD, Kitaka Skill Development corporation., Karnataka
35	Rajendra Kumar Sahu	Principal, Vedbyash Residential College Berhampur
36	Bellana .Chandrasekhar,	MP, Vizayanagaram

37	Dr. B. Bhaskar Rao	KIMS Hospital, Hyderabad
38	Maj Gen Atanu Pattnaik, Brig. Rohit Bakshi, BOS Army	Additional DG, Infosys Army. Jagatshingpur
39	Dr. Shane Kavanagy	14 Hutton ST Thornbury, Australia
40	Sujoy B & Soumitra Unnikrishna	Australia
41	Shareth Sreja	Goora India Foundation
42	K. Dandapani Patro	Unitech degree college, Nayagarh
43	Dr. Satish Kumar	Gujrat Forensic Sciences University, Gujrat
44	Dr Sovan Pattanaik	School of Pharmaceutical Sciences, SOA University, Bhubaneswar
45	P. Mohapatra	Professor, Indira Gandhi Institute of Pharmaceutical Sciences, Bhubaneswar
46	Gagan Bihari Tripathy	Sr. Pharmacist, East Coast Railway Hospital, Khurdha Road, Jatni
47	Gouri Sankar Mohapatra	SUNPHARMA
48	Dr Prafulla Kumar Mohanty	Former Professor, Head & Dean, Faculty of Science, PG Department of Zoology, Utkal University, Vani Vihar, Bhubaneswar
49	Mr Devaraj Biswal	Asst. Manager, SM Laboratories Pvt. Ltd., Hyderabad
50	Mr Shane Kavanagh and Dr Justin Lawson	Deakin University, Australia
51	Dr. G. V. Ramanjaneyulu	Centrue for sustainable Agriculture, Hyderabad
52	Prof. K.J.N. Gowtham Shankar, Chairman, IDEA Dr. M. Venkaiaha and Dr. N.A.V. Prasad Reddy	Andhra University, Vishakhapatnam
53	Prof. R.N. Sahu	Principal Scientist, IARI, New Delhi
54	Dr. Nigamananda Swain	Watershed & Water Scientist, ICARDA, Afghanistan
55	Mr. Sachchit Vekaria	Project Manager, General Aeronautics Pvt Ltd, Bengaluru, India
56	Mr. V. Hanuma Naik, Mr. B. Nageswara Rao & Ms. Sathya Prabha	APSSDC, Vijayawada, Andhra Pradesh



57	Prof. S. Nanda	Director, Rangeilunda Fisheries College, OUAT
58	Mr P. Kalyan Chakravarthy	PD DRDA, Srikakulam
59	Dr. Anil Kumar Mahapatra	Scientist, Zoological Survey of India, Berhampur
60	Prof. K.N.Mahanta	Head, Fish Nutrition and Physiology, CIFA
61	Mr Challa Madhusudhan Reddy	Chairman, Andhra Pradesh State Skill Development Council Corporation
62	Ms Simone Heald and her husband, Mr Mark Heald	CEO, Sunraysia Community Health Services, Western Sydney University
63	Prof. Alok Mishra	Ex-Director -National Institute of Agriculture & Horticulture, New Delhi
64	Dr. Subrat Kumar Mohanty, Dr. Snehasis along with students	Sri Sri University, Cuttack
65	Dr Anona Armstrong	Australia
66	Dr Muralidhar	Ethiopia
67	Prof. N.K. Barik	Principal Scientist, CIFA
68	Dr. G.V. Ramanjaneyulu	Centrue for sustainable Agriculture, Hyderabad
69	Mr. Rajen Padhy	Commercial Director, B-ONE Business Pvt.Ltd.
70	Ms. shepang Thero Sethantsh	First Secretary (Political) Botswana High Commission
71	MD, APSSDC	Andhra Pradesh
72	Sr. Prof. Simon Ringer, Sydney University	Sydney University
73	Dr. S. K. Srivastav	Director, Women in Agriculture, ICAR, Regional Centre, Bhubaneswar
74	Dr. P. P. Adhikary,	Principal Scientist, IISWC, Regional Centre, Koraput
75	Shri S.Pal	AGM, NABARD, Gajapati
76	Dr. Govind Acharaya	Director – ICAR - Central Horticultural Experiment Station, Bhubaneswar
77	Dr. M Nedunchezhiyan	Director – ICAR - Central Tuber Crop Research Institute (CTCRI)

78	Mr. Sasank Sekhar Singh,	Director, Highbee Concepts
79	Mr. Biswamohan Mohanty	ED, ORISSA
80	Mr. Kirti Bhusan Pani	Pradhan, Bhubaneswar
81	Mr. Satya N. Mishra	Director, IMAGE, Bhubaneswar
82	Mr. Gautam Pradhan	Harsha Trust
83	Dr. J.K. Sunderay	Principal Scientist, CIFA, Bhubaneswar,
84	Additional DGP, Collector, SP and DFO of Gajapati	Gajapati, Paralakhemundi
85	Prof. J. P. Sahu	Professor (Rtd.), Rangeilunda Fisheries College, OUAT
86	Prof. Ekadashi Nandi	Retired Director, Seed Certification, Odisha
87	Mr. M. Kalicharan, Global Data Science Manager, & Mr. Samuel Wesly, Advisor	Talent Management & Development at Worley Parsons India Pvt. Ltd.
89	Shri Kamal Hassan	Film Actor
90	Dr. K.P.Krishnan	IAS, Secretary, Minister of Skill Development and Entrepreneurship, Govt. of India.
91	Shri. Pradeep Singh Kharola	IAS, Secretary, Civil Aviation, Govt. of India.
92	Mr. Shane Kavanagh and Dr. Justin Lawson	Deakin University, Australia
93	Ms. Simone Heald	CEO, Sunraysia Community Health Services, Western Sydney University
94	Dr. Anona Armstrong	
95	Sr. Prof. Simon Ringer	Sydney University
96	Dr. Jim Lee	Charles Darwin University, NT Australia
97	Shri Naveen Patnaik	Hon'ble Chief Minister of Odisha
98	Dr. G.V.Ramanjaneyulu	Centre for sustainable Agriculture, Hyderabad
99	Dr. Nigamananda Swain	Watershed & Water Scientist, ICARDA, Afghanistan
100	Dr. Arun Kumar Swain	Assistant Director, State Forensic Science Lab, Bhubaneswar

101	Mr. Sachchit Vekaria	Project Manager, General Aeronautics Pvt Ltd, Bengaluru, India
102	Dr. Rajeswar Prasad	Scientist, Ministry of Environment Forest, Bhubaneswar
103	Mr. Devaraj Biswal	Asst. Manager, SM Laboratories Pvt. Ltd., Hyderabad

### 10.3 Acknowledgements

The University is grateful to number of Institutions and Individuals for their generous support in pursuing its mission and vision. Some of the agencies who supported during the year are listed below.

- i. Government of India
- ii. Government of Australia
- iii. Government of Norway
- iv. other National Governments
- v. International and National Organizations
- vi. Government of Odisha
- vii. Other State Government and their Agencies
- viii. International, National and State Level Companies
- ix. Academic and Research Institutions
- x. Civil Society Organizations
- xi. Individual Donors and Well Wishers.

### **Mission**

A globally accredited human resource centre of excellence catalysing "sustainable livelihoods" in the "less developed markets across the globe".

### **Vision**

- Provision of quality, globally accredited academic programmes in technology and management.
- Provision of globally accredited employability training for less endowed segments of the population.
- Promotion of entrepreneurial culture and enterprise in the target areas.
- Facilitating improved market access to goods and financial services to the target population.
- Promotion of lighthouse project interventions in the target area.





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