



Members of Board of Studies
Department of Aerospace Engineering

Sl. No	Name	Designation	Contact Details
1	Prof. Biranchi Prasad Mishra	Chairman	HoD Aerospace, SoET,BBSR Centurion University At: Ramchandrapur, Po: Jatni, Bhubaneswar Dist: Khurda Contact No.: +91 9040079074 Email: biranchiprasad.mishra@cutm.ac.in
2	Capt.Sandeep Mishra Patnaik	Member	Professor Aerospace, SoET,BBSR Centurion University At: Ramchandrapur, Po: Jatni, Bhubaneswar Dist: Khurda Contact No.: +91 9338527773 Email: sandeep@cutm.ac.in
3	Prof. Aniya Chand Panda	Member	Professor Aerospace, SoET,BBSR Centurion University At: Ramchandrapur, Po: Jatni, Bhubaneswar Dist: Khurda Contact No.: +91 9937834221 Email: panda.sairam@gmail.com
4	Dr.Sangram Keshari Samal	External Member	Ex. Senior Scientist, DRDO Self Employed Contact No.: +91 7008323684 Email: sangram483@yahoo.com
5	Dr. M.Satyanarayana Gupta	External Member	HoD & Professor MLRIT,Hyderabad Contact No.: +91 Email: msgupta.m@mlrinstitutions.ac.in

Date: 28 AUG 2023

To

Dr.Sangram Keshari Samal

EX.Senior Scientist DRDO - 7008323684-sangram483@yahoo.com

Sub.: Invitation to participate in the Board of Studies meeting of CUTM, Odisha for the session 2023 - 24.

Dear Sir/Madam,

Greetings from Centurion University of Technology and Management, Odisha!

I have the honour to inform you that the **Board of Studies Meeting** of CUTM, Odisha for the Session 2023-24 is going to be held on **7th and 8th September 2023**. The meeting will be held at our Bhubaneswar campus.

So you are cordially invited to participate in the meeting as a member of the Board of Studies for the **School of Engineering & Technology**. The syllabus will be discussed and placed for your approval.

The Date and Time for the meeting is 07 Aug 2023, 10AM - 4PM.

The syllabus will be mailed to you (along with this invitation). Dean/ HoD will be in contact with you for any discussions/clarifications.

You are requested to kindly acknowledge the receipt of this invitation and confirm your participation.

You are requested to kindly intimate your travel plans (for physical mode of participation) at the earliest to the mail chitta.pattnayak@cutm.ac.in, so as to make necessary arrangements for your visit.

We look forward to have you with us for the meeting and get your valuable suggestions.
With warm regards.



Dr.Anita Patra
Registrar, CUTM, Odisha



12th Board of Studies Meeting

School of Engineering & Technology


Academic year: 2023-24

Date: 7th September 2023

Venue: Board Room (Bhubaneswar Campus)

Agenda:

1. Confirmation of Minutes of BoS Meeting held on 8th July 2022.
2. Discussion and approval on any revision required in the curriculum in the School of Engineering & Technology.
3. Inclusion of courses on life Skill and Value Addition.
4. Any other points with due permission of the Chair.


7/9/23
Dean,

School of Engineering & Technology



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

School of Engineering and Technology

Date: 07/09/2023

MINUTES OF BOARD OF STUDIES MEETING held on 7th September 2023

Venue: Board Room, CUTM, BBSR

Time: 11:00 AM

The Board of Studies (BoS) meeting of Department of **Aerospace Engineering** was held on **07.09.2023** at 11AM in Board Room, CUTM, Bhubaneswar in physical mode. The following are the members:

1. Mr. Aniya Chand Panda, Professor of Practice, CUTM, Bhubaneswar
2. Capt. Sandeep Mishra, Director, Centre of Aviation and Space, Bhubaneswar

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, Dean SoET presented the detailed syllabus to the BOS members.

The following agenda items were taken up subsequently:

Agenda 1: The minutes of the last meeting of the BoS held on 08.07.2022 were confirmed.

Agenda 2: Discussion and approval on any revision required in the Curriculum of B. Tech, Aerospace Engineering syllabus.

The professor of Practice, Aerospace Engineering gave a presentation on the feedback received on curriculum outlining the suggestions made by the various stakeholders. Based on this, the Board accepted and approved the suggestions for no changes in the course for the academic Year 2023-24

- Discussion on modification of syllabus of Basket-1 to Basket-5.

The Board suggested no changes in respective of Baskets.


Agenda 3: Inclusion of courses on life skills and value addition

It was suggested that the students take up the various courses offered by the University in the areas of life skills and value addition as well as MOOCs for their overall improvement and wellbeing. The same was agreed upon and approved by the Board of members (Annexure A)

The professor of Practice, Aerospace Engineering extended sincere thanks to all the members of the Board.

The meeting ended with a vote of thanks to the Chair.


Pro Vice Chancellor


Dean, School of Engineering and Technology

Annexure-A

List of Skill courses

Sl. No	Course Title	Credit	(T+P+P)
1	3D Game Art	4	0+3+1
2	Drug Design using Biovia Discovery Studio	4	0+3+1
3	Ophthalmic Lens and spectacle manufacturing Techniques	4	0+3+1
4	Medical Diagnostic Techniques	4	0+3+1
5	Introduction to Aquaponics	4	0+3+1
6	Polyhouse Automation	4	0+3+1
7	Development of Processor (Shakti)	4	0+3+1
8	Spectroscopy	4	0+3+1
9	Extraction Technologies	4	0+3+1
10	Gamified DIY kits using Lasers	4	0+3+1
11	VR Assets Development	4	0+3+1
12	GIS and Remote Sensing: Applications in Participatory Natural Resource Management	4	0+3+1
13	GIS and Remote Sensing: Application Development	4	0+3+1
14	3D Modelling and Printing	4	0+3+1
15	Brew Master	4	0+3+1
16	3D Game Art	4	0+3+1
17	Drug Design using Biovia Discovery Studio	4	0+3+1
18	Ophthalmic Lens and spectacle manufacturing Techniques	4	0+3+1
19	Medical Diagnostic Techniques	4	0+3+1
20	Introduction to Aquaponics	4	0+3+1
21	Polyhouse Automation	4	0+3+1
22	Development of Processor (Shakti)	4	0+3+1
23	Spectroscopy	4	0+3+1
24	Extraction Technologies	4	0+3+1
25	Gamified DIY kits using Lasers	4	0+3+1
26	VR Assets Development	4	0+3+1
27	GIS and Remote Sensing: Applications in Participatory Natural Resource Management	4	0+3+1

28	GIS and Remote Sensing: Application Development	4	0+3+1
29	3D Modelling and Printing	4	0+3+1
30	Brew Master	4	0+3+1

List of value-added courses

Sl. No	Course Title	Hrs. of input
1	Ethical Hacking	30
2	Clinical Practice	30
3	Financial Literacy	30
4	MATLAB	30
5	MS Excel Basics	30
6	Pharmaceutical Dry-Lab Techniques	30
7	Research Methodology and IPR	30
8	Steps for Career Plan	30
9	TABLEAU	30
10	Technical Writing	30
11	Waste to Wealth	30
12	Web Development	30
13	Yoga and Meditation	30
14	Health and Lifestyle	30
15	Life Skills and Moral Value Education	30
16	Ansys	30
17	Video Making for Youtubers	30



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

School of Engineering and Technology

Department: Aerospace Engineering


Time: 10:30 a.m.

Date: 07.09.2023

Venue: Boardroom (Aryabhata Building)

Board of Studies Meeting

Attendance Sheet

Sl. No.	Name of the BoS Member (Internal Faculty and External Resource)	Signature
1	Prof. Biranchi Prasad Mishra	
2	Capt.Sandeep Mishra	
3	Prof. Aniya Chand Panda	 07/09/23
4	Dr.Sangram Keshari Samal	
5	Dr. M.Satyanarayana Gupta	



Dean, School of Engineering and Technology

Date: 01/09/2023

To

Er.Swayambhu Mohanty

Director

Airace Technologies Private Limited

Bengaluru ,India

Sub.: Invitation to participate in the Board of Studies meeting of CUTM, Odisha for the session 2023 - 24.

Dear Sir/Madam,

Greetings from Centurion University of Technology and Management, Odisha!

I have the honour to inform you that the **Board of Studies Meeting** of CUTM, Odisha for the Session 2023-24 is going to be held on **7th and 8th September 2023**. The meeting will be held at our Bhubaneswar campus.

So you are cordially invited to participate in the meeting as a member of the Board of Studies for the **School of Engineering and Technology**. The syllabus will be discussed and placed for your approval.

The Date and Time for the meeting is 07.09.2023, 10.30am to 4pm.

The syllabus will be mailed to you (along with this invitation). Dean/ HoD will be in contact with you for any discussions/clarifications.

You are requested to kindly acknowledge the receipt of this invitation and confirm your participation.

You are requested to kindly intimate your travel plans (for physical mode of participation) at the earliest to the mail chitta.patnayak@cutm.ac.in, so as to make necessary arrangements for your visit.

We look forward to have you with us for the meeting and get your valuable suggestions.

With warm regards,



Dr. Anita Patra
Registrar, CUTM, Odisha



12th Board of Studies Meeting
School of Engineering & Technology


Academic year: 2023-24

Date: 7th September 2023

Venue: Board Room (Bhubaneswar Campus)

Agenda:

1. Confirmation of Minutes of BoS Meeting held on 8th July 2022.
2. Discussion and approval on any revision required in the curriculum in the School of Engineering & Technology.
3. Inclusion of courses on life Skill and Value Addition.
4. Any other points with due permission of the Chair.


7/9/23
Dean,

School of Engineering & Technology



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

School of Engineering

Date: 07/09/2023

MINUTES OF BOARD OF STUDIES MEETING held on 07/09/2023

Venue: Board Room, CUTM, BBSR Campus

Time: 11:30 am

The Board of Studies (BoS) meeting of School of Engineering and Technology was held on 07-09-2023 at 11 am in the board room of CUTM, BBSR campus in offline mode. The following are the members:

1. Er. Swayambhu Mohanty, AIRACE Pvt. Ltd.
2. Dr. Prafulla Kumar Panda, HOD, PKD Campus
3. Dr. Siba Prasad Mishra, Professor
4. Dr. Kamal Kumar Barik, HOD, BBSR Campus
5. Dr. Deepak Kumar Sahu, Assistant Professor

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, the Head of the Department presented the achievements and improvements of the department in the areas of academics, research, consultancy and infrastructure. The Head of the Department also gave a presentation on the feedback received on curriculum outlining the suggestions made by the various stakeholders.

The following agenda items were taken up subsequently:

Agenda 1: The minutes of the last meeting of the BoS held on 08.07.2022 were confirmed.

Agenda 2: Discussion and approval on any revision required in the Curriculum of B.Tech, Civil Engg., M.Tech, Structural Engg. and Transportation Engg.

Based on the presentation on feedback on curriculum by the various stakeholders, the Board accepted and approved a few suggestions for course revision to be implemented from the Academic Year 2023-24.

- The HoD, Civil Engg. gave a presentation on the feedback received on curriculum outlining the suggestions made by the various stakeholders. Based on this, the Board

accepted and approved a few suggestions for course revision to be implemented from the Academic Year 2023-24.

- The syllabus of 3rd to 8th semester of B. Tech. Civil Engg. was considered and approved by the Board. The domain syllabus and core subject of Civil Engineering are need to be re-arranged according to CO-PO mapping.
- The Board reviewed the syllabus of M.Tech, Structural Engg. And Transportation Engg. decided that no changes were required in the syllabus.

Agenda 3: Inclusion of courses on life skills and value addition

It was suggested that the students take up the various courses offered by the University in the areas of life skills and value addition for their overall improvement and wellbeing. The same was agreed upon and approved by the Board of members (Annexure B)

- **Skill Courses approved by university**

3D Game Art	Employability/Skill - Practice and Project
Concrete Paver Manufacturing	Employability/ Entrepreneurship/Skill - Practice and Project
GIS and Remote Sensing: Applications in Participatory Natural Resource Management	Employability/Skill - Practice and Project
GIS and Remote Sensing: Application Development	Employability/Skill - Practice and Project

- Value Added courses approved by university

Name of the value added courses (with 30 or more contact hours) offered	Duration of course
Ethical Hacking	30 Hours
Clinical Practice	30 Hours
Financial Literacy	30 Hours
MATLAB	30 Hours
MS Excel Basics	30 Hours
Pharmaceutical Dry-Lab Techniques	30 Hours
Research Methodology and IPR	30 Hours
Steps for Career Plan	30 Hours
TABLEAU	30 Hours
Technical Writing	30 Hours
Waste to Wealth	30 Hours
Web Development	30 Hours
Yoga and Meditation	30 Hours
Health and Lifestyle	30 Hours
Life Skills and Moral Value Education	30 Hours
Ansys	30 Hours
Video Making for Youtubers	30 Hours

- List of Domain courses approved

Sl. No	Domain Course Title	Credit	(T+P+P)
1	Construction Planning Monitoring and Project Management	16	4 - 6 - 6
2	Architectural and Structural Design	20	4 - 10 - 4
3	Aerial Survey and Remote Sensing Applications	18	4 - 10 - 4
4	Go-to-market	22	4 - 10 - 8

- List of value-added courses approved

Sl. No	Course Title	Hrs. of input
1	LSD-2	30
2	Development of Concentration and Memory-Application of 'Raja Yoga' in daily life	30
3	Self-defense for Girls	30
4	Digital Marketing	30
5	Bio-fertilizer	30
6	Gender Issues	30
7	Solid Waste Management	30
8	Smart Agriculture	30
9	Adobe Tools	30

Agenda 4: Any other item with due permission of the chair

The Dean/Head of the Department extended sincere thanks to all members of the Board.

The meeting ended with a vote of thanks to the Chair.

Pro Vice Chancellor

Dean, SoET



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

School of Engineering and Technology

Department: Civil Engineering


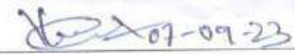
Time: 10:30 a.m.

Date: 07.09.2023

Venue: Boardroom (Aryabhatta Building)

Board of Studies Meeting

Attendance Sheet

Sl. No.	Name of the BoS Member (Internal Faculty and External Resource)	Signature
1	Prof. Prafulla Kumar Panda	
2	Prof. Kamal Kumar Barik	 07-09-23
3	Prof. Siba Prasad Mishra	Siba Prasad Mishra
4	Prof. Vazeer Mahamnoon	
5	Er. Swayambhu Mohanty	Swayambhu Mohanty

 
Dean, School of Engineering and Technology



5	Prof. Sangram Keshari Swain	Member	Professor CSE, SoET, BBSR Centurion University At: Ramchandrapur, Po: Jatni, Bhubaneswar Dist: Khurda Contact No.: +91 9937093949 Email: sangram@cutm.ac.in
6	Prof. Sasmita Kumari Nayak	Member	Associate Prof. CSE, SoET, BBSR Centurion University At: Ramchandrapur, Po: Jatni, Bhubaneswar Dist: Khurda Contact No.: +91 7852907976 Email: samita.nayak@cutm.ac.in
7	Prof. Suvendu Kumar Nayak	Member	Assistant Prof. CSE, SoET, BBSR Centurion University At: Ramchandrapur, Po: Jatni, Bhubaneswar Dist: Khurda Contact No.: +91 9438082745 Email: suvendu@cutm.ac.in
8	Mr. Dillip Kumar Praharaj	External Member	Principal Technical Architect Tech Mahindra Contact No.: +91 9937339666 Email: dillip.praharaj@techmahindra.com
9	Dr. Rakesh Chandra Balabantaray	External Member	Associate Professor and Dean(Academics) IIIT Bhubaneswar Contact No.: +91 9438180999 Email: rakesh@iiit-bh.ac.in



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UNIVERSITY
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12th Board of Studies Meeting

School of Engineering & Technology

Academic year: 2023-24

Date: 7th September 2023

Venue: Board Room (Bhubaneswar Campus)

Agenda:

1. Confirmation of Minutes of BoS Meeting held on 8th July 2022.
2. Discussion and approval on any revision required in the curriculum in the School of Engineering & Technology.
3. Inclusion of courses on life Skill and Value Addition.
4. Any other points with due permission of the Chair.

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7/9/23

Dean,

School of Engineering & Technology



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

School of Engineering and Technology

Date: 07/09/2023

MINUTES OF BOARD OF STUDIES MEETING held on 07/09/2023

Venue: Board Room, CUTM, BBSR

Time: 10:00 AM

The Board of Studies (BoS) meeting of School of Engineering and Technology was held on 07/09/2023 at Board Room, CUTM, BBSR in offline mode. The following are the members:

1. Dr. Rakesh Chandra Balabantaray, Associate Professor and Dean (Academics), IIIT Bhubaneswar
2. Mr. Dillip Kumar Praharaj, Principal Technical Architect, Tech Mahindra
3. Dr. Sujata Chakravarty, Dean, SOET, BBSR
4. Mr. Raj Kumar Mohanta, HOD, CSE, BBSR
5. Mr. Debendra Maharana, HOD, CSE, PKD
6. Mr. Rakesh Kumar Ray, HOD, MCA, BBSR
7. Dr. Sangram Keshari Swain, Professor, CSE, BBSR
8. Dr. Sasmita Kumari Nayak, Associate Professor, CSE, BBSR
9. Mr. Suvendu Kumar Nayk, Assistant Professor, CSE, BBSR

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, the Head of the Department/ Dean presented the achievements and improvements of the department/school in the areas of academics, research, consultancy and infrastructure. The Head of the Department/ Dean also gave a presentation on the feedback received on curriculum outlining the suggestions made by the various stakeholders.

The following agenda items were taken up subsequently:

Agenda 1: The minutes of the last meeting of the BoS held on 08/07/2022 were confirmed.

Agenda 2: Discussion and approval on any revision required in the Curriculum of B.Tech, CSE syllabus

Based on the presentation on feedback on curriculum by the various stakeholders, the Board accepted and approved a few suggestions for course revision to be implemented from the Academic Year 2023-24.

Agenda 3: Inclusion of courses on life skills and value addition

It was suggested that the students take up the various courses offered by the University in the areas of life skills and value addition for their overall improvement and wellbeing. The same was agreed upon and approved by the Board of members (Annexure A)

Agenda 4: Any other item with due permission of the chair

The Dean/Head of the Department extended sincere thanks to all members of the Board.

The meeting ended with a vote of thanks to the Chair.


Pro Vice Chancellor


Dean, School of Engineering and Technology

List of Skill courses

Sl. No	Course Title	Credit	(T+P+P)
1	3D Game Art	4	0+3+1
2	Drug Design using Biovia Discovery Studio	4	0+3+1
3	Ophthalmic Lens and spectacle manufacturing Techniques	4	0+3+1
4	Medical Diagnostic Techniques	4	0+3+1
5	Introduction to Aquaponics	4	0+3+1
6	Polyhouse Automation	4	0+3+1
7	Development of Processor (Shakti)	4	0+3+1
8	Spectroscopy	4	0+3+1
9	Extraction Technologies	4	0+3+1
10	Gamified DIY kits using Lasers	4	0+3+1
11	VR Assets Development	4	0+3+1
12	GIS and Remote Sensing: Applications in Participatory Natural Resource Management	4	0+3+1
13	GIS and Remote Sensing: Application Development	4	0+3+1
14	3D Modelling and Printing	4	0+3+1
15	Brew Master	4	0+3+1
16	3D Game Art	4	0+3+1
17	Drug Design using Biovia Discovery Studio	4	0+3+1
18	Ophthalmic Lens and spectacle manufacturing Techniques	4	0+3+1
19	Medical Diagnostic Techniques	4	0+3+1
20	Introduction to Aquaponics	4	0+3+1
21	Polyhouse Automation	4	0+3+1
22	Development of Processor (Shakti)	4	0+3+1
23	Spectroscopy	4	0+3+1
24	Extraction Technologies	4	0+3+1
25	Gamified DIY kits using Lasers	4	0+3+1
26	VR Assets Development	4	0+3+1
27	GIS and Remote Sensing: Applications in Participatory Natural Resource Management	4	0+3+1

28	GIS and Remote Sensing: Application Development	4	0+3+1
29	3D Modelling and Printing	4	0+3+1
30	Brew Master	4	0+3+1

List of value-added courses

Sl. No	Course Title	Hrs. of input
1	Ethical Hacking	30
2	Clinical Practice	30
3	Financial Literacy	30
4	MATLAB	30
5	MS Excel Basics	30
6	Pharmaceutical Dry-Lab Techniques	30
7	Research Methodology and IPR	30
8	Steps for Career Plan	30
9	TABLEAU	30
10	Technical Writing	30
11	Waste to Wealth	30
12	Web Development	30
13	Yoga and Meditation	30
14	Health and Lifestyle	30
15	Life Skills and Moral Value Education	30
16	Ansys	30
17	Video Making for Youtubers	30



12th Board of Studies Meeting

School of Engineering & Technology

Academic year: 2023-24

Date: 7th September 2023

Venue: Board Room (Bhubaneswar Campus)

Agenda:

1. Confirmation of Minutes of BoS Meeting held on 8th July 2022.
2. Discussion and approval on any revision required in the curriculum in the School of Engineering & Technology.
3. Inclusion of courses on life Skill and Value Addition.
4. Any other points with due permission of the Chair.

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7/9/23

Dean,

School of Engineering & Technology



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

School of Engineering and Technology

Department of Electrical and Electronics Engineering

Date: 07.09.2023

MINUTES OF BOARD OF STUDIES MEETING held on 7th September 2023

Venue: Board Room

Time: 11 AM

The Board of Studies (BoS) meeting of the Department of Mechanical Engineering was held on 07.09.2023 at 11 AM in Board room CUTM, Bhubaneswar physical mode. The following are the members:

1. Dr. Prakash Kumar Hota, Professor and Dean, EE, VSSUT Burla
2. Mr. Prasanta Kumar Pradhan, Former Director, GRIDCO, Odisha
3. Prof. Jagannath Padhi, Director, CUTM, BBSR, Odisha
4. Dr. Sujata Chakraborty, Dean, SOET, BBSR
5. Dr. Ashish Ranjan Dash, Dean, SoET, PKD
6. Dr. Rajendra Kumar Khadanga, Associate Dean, SoET, BBSR
7. Dr. Sudhansu Kumar Samal, HoD, EEE, BBSR
8. Dr. Amit Kumar Sahoo, Associate Professor, EEE, BBSR
9. Mr. Rama Prasanna Dalai, Assistant Professor, EEE, BBSR

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, Dean SOET presented the detailed syllabus to the BOS members.

The following agenda items were taken up subsequently:

Agenda 1: The minutes of the last meeting of the BoS held on 08.07.2022 were confirmed.

Agenda 2: Discussion and approval of New Courses (Domain and Courses for Basket V) in the Curriculum of B.Tech, Electrical and Electronics Engineering syllabus.

The Dean SoET and HOD, EEE gave a presentation on the new Domain i.e. Electric Vehicle Design and Basket V course i.e. Energy Audit and Demand Side Management to all BoS member present. Appreciation of Domain course design and also, asked for some hourly detailing of each module. Suggestions provided by Mr. P. K. Pradhan on the New Basket V course (Energy Audit and Demand

Side Management) is considered and Based on this, the Board accepted and approved the suggestions for course revision to be implemented from the Academic Year 2023-24.

- Discussion on modification of New Courses i.e. Energy Audit and Demand Side Management

The Board suggested no changes in respective Baskets.

Agenda 3: Inclusion of courses on life skills, value-added and MOOC courses


It was suggested that the students take up the various courses offered by the University in the areas of life skills, value addition as well as MOOCs for their overall improvement and wellbeing. The same was agreed upon and approved by the Board of members (Annexure A)

The HOD, Department of Mechanical Engineering extended sincere thanks to all members of the Board.

The meeting ended with a vote of thanks to the Chair.



Pro Vice-Chancellor



Dean, School of Engineering & Technology

List of Skill courses

Sl. No	Course Title	Credit	(T+P+P)
1	3D Game Art	4	0+3+1
2	Drug Design using Biovia Discovery Studio	4	0+3+1
3	Ophthalmic Lens and spectacle manufacturing Techniques	4	0+3+1
4	Medical Diagnostic Techniques	4	0+3+1
5	Introduction to Aquaponics	4	0+3+1
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11	VR Assets Development	4	0+3+1
12	GIS and Remote Sensing: Applications in Participatory Natural Resource Management	4	0+3+1
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14	3D Modelling and Printing	4	0+3+1
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24	Extraction Technologies	4	0+3+1
25	Gamified DIY kits using Lasers	4	0+3+1
26	VR Assets Development	4	0+3+1
27	GIS and Remote Sensing: Applications in Participatory Natural Resource Management	4	0+3+1

28	GIS and Remote Sensing: Application Development	4	0+3+1
29	3D Modelling and Printing	4	0+3+1
30	Brew Master	4	0+3+1

List of value-added courses

Sl. No	Course Title	Hrs. of input
1	Ethical Hacking	30
2	Clinical Practice	30
3	Financial Literacy	30
4	MATLAB	30
5	MS Excel Basics	30
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12th Board of Studies Meeting

School of Engineering & Technology


Academic year: 2023-24

Date: 7th September 2023

Venue: Board Room (Bhubaneswar Campus)

Agenda:

1. Confirmation of Minutes of BoS Meeting held on 8th July 2022.
2. Discussion and approval on any revision required in the curriculum in the School of Engineering & Technology.
3. Inclusion of courses on life Skill and Value Addition.
4. Any other points with due permission of the Chair.


7/9/23
Dean,

School of Engineering & Technology



CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

School of Engineering & Technology

Department of Mining Engineering

Date: 07.09.2023

MINUTES OF BOARD OF STUDIES MEETING held on 07.09.2023

Venue: Bhubaneswar Campus (Board Room)

Time: 10.30 a.m.

The **Board of Studies (BoS)** meeting of School of **Engineering and Technology** was held on **07.09.2023** Bhubaneswar Campus (Board Room) at **10.30 am** onwards in physical mode. The following are the members:

1. Mr. K C Khuntia (Retd. General Manager, Coal India)
2. Dr.Singham Jayanthu (Professor, Department of Mining Engineering, NIT Rkl Odisha)
3. Mr.Arun Kumar Sahoo (Assistant Professor, Department of Mining Engineering, CUTM Odisha)
4. Rakesh Behera (Assistant Professor, Department of Mining Engineering, CUTM Odisha)

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, the Head of the Department/ Dean presented the achievements and improvements of the department/school in the areas of academics, research, consultancy and infrastructure. The Head of the Department/ Dean also gave a presentation on the feedback received on curriculum outlining the suggestions made by the various stakeholders.

The following agenda items were taken up subsequently:

Agenda 1: The minutes of the last meeting of the BoS held on 07.09.2023 were confirmed.

Agenda 2: Discussion and approval on any revision required in the Curriculum of B.Tech, Mining syllabus.

Based on the presentation on feedback on curriculum by the various stakeholders, the Board accepted and approved a few suggestions for course revision to be implemented from the Academic Year 2023-24.

. Discussion on modification of syllabus of Basket-1 to Basket-5

The Board suggested no changes in respective Baskets.

Agenda 3: Inclusion of courses on life skills and value addition

It was suggested that the students take up the various courses offered by the University in the areas of life skills and value addition for their overall improvement and wellbeing. The same was agreed upon and approved by the Board of members (Annexure A)

- The HoD, Department of Mining extended sincere thanks to all members of the Board.
- The Dean/Head of the Department extended sincere thanks to all members of the Board.
- The meeting ended with a vote of thanks to the Chair.



Pro Vice Chancellor



Dean, School of Engineering and Technology

List of Skill courses

Sl. No	Course Title	Credit	(T+P+P)
1	3D Game Art	4	0+3+1
2	Drug Design using Biovia Discovery Studio	4	0+3+1
3	Ophthalmic Lens and spectacle manufacturing Techniques	4	0+3+1
4	Medical Diagnostic Techniques	4	0+3+1
5	Introduction to Aquaponics	4	0+3+1
6	Polyhouse Automation	4	0+3+1
7	Development of Processor (Shakti)	4	0+3+1
8	Spectroscopy	4	0+3+1
9	Extraction Technologies	4	0+3+1
10	Gamified DIY kits using Lasers	4	0+3+1
11	VR Assets Development	4	0+3+1
12	GIS and Remote Sensing: Applications in Participatory Natural Resource Management	4	0+3+1
13	GIS and Remote Sensing: Application Development	4	0+3+1
14	3D Modelling and Printing	4	0+3+1
15	Brew Master	4	0+3+1
16	3D Game Art	4	0+3+1
17	Drug Design using Biovia Discovery Studio	4	0+3+1
18	Ophthalmic Lens and spectacle manufacturing Techniques	4	0+3+1
19	Medical Diagnostic Techniques	4	0+3+1
20	Introduction to Aquaponics	4	0+3+1
21	Polyhouse Automation	4	0+3+1
22	Development of Processor (Shakti)	4	0+3+1
23	Spectroscopy	4	0+3+1
24	Extraction Technologies	4	0+3+1
25	Gamified DIY kits using Lasers	4	0+3+1
26	VR Assets Development	4	0+3+1
27	GIS and Remote Sensing: Applications in Participatory Natural Resource Management	4	0+3+1

28	GIS and Remote Sensing: Application Development	4	0+3+1
29	3D Modelling and Printing	4	0+3+1
30	Brew Master	4	0+3+1

List of value-added courses

Sl. No	Course Title	Hrs. of input
1	Ethical Hacking	30
2	Clinical Practice	30
3	Financial Literacy	30
4	MATLAB	30
5	MS Excel Basics	30
6	Pharmaceutical Dry-Lab Techniques	30
7	Research Methodology and IPR	30
8	Steps for Career Plan	30
9	TABLEAU	30
10	Technical Writing	30
11	Waste to Wealth	30
12	Web Development	30
13	Yoga and Meditation	30
14	Health and Lifestyle	30
15	Life Skills and Moral Value Education	30
16	Ansys	30
17	Video Making for Youtubers	30