

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Applied Sciences**

**Department of Zoology**

**Date: 08.07. 2022**

**MINUTES OF BOARD OF STUDIES MEETING held on 08.07. 2022**

**Hybrid Mode / Board Room of Bhubaneswar Campus**

**Time: 2.30 p.m.**

The Board of Studies (BoS) meeting was held on hybrid mode both online and offline mode on 8<sup>th</sup> July 2022 at 2.30 pm. The following members were attended on online mode:

1. Dr. Jitendra Kumar Sunderay, Scientist, ICAR-CIFA, Bhubaneswar (External expert)
2. Dr. E.M. Chhanda Prajnadasini, ICAR-CMFRI, Chennai (External expert)
3. Registrar, CUTM, Bhubaneswar (Chairperson)
4. Prof. Supriya Pattanayak, Vice Chancellor, CUTM (Member)
5. Dr. Yashaswi Nayak, Dean, SoAS and HoD, Department of Zoology, CUTM, Bhubaneswar (Member)
6. Dr. Chhayabrita Maji, Associate Dean, SoAS, CUTM, Bhubaneswar (Member)

Vice Chancellor, CUTM, addressed the participants and welcomed sharing the key academic developments with respect to emerging research areas, online classes and examination reforms. The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, detailed course outline and syllabus of Department of Botany was presented by Dean, SoAS.

The following agenda items were taken up subsequently:

**Agenda 1: The minutes of the last meeting of the BoS held on 9<sup>th</sup> July, 2021 were confirmed.**

**Agenda 2: Discussion on no modifications of core courses in B.Sc. (Zoology) and inclusion of one core course and few topics in theory and projects in the existing curriculum of M.Sc. (Zoology) to be approved.**

- The HoD, Zoology gave a presentation on the feedback received on curriculum outlining the suggestions made by the various stakeholders. No modification was suggested in B.Sc. (Zoology) CBSE curriculum by any of the members present in Board. Topics of Advanced Aquaculture and Coastal Aquaculture were merged and

newly “Advanced Sustainable Aquaculture” was included. Inclusion of Research Methodology and IPR in the core course was also recommended and approved by the Board (**Annexure I**)

**Agenda 3: Inclusion of courses on life skills**


- It was suggested that students take up the various courses offered by the University in the areas of life skills and value addition for their overall improvement and well-being. The same was agreed upon and approved by the Board members. (**Annexure-II**)
- The meeting was adjourned with vote of thanks to the external experts and the members present in the BoS meeting.

The HoD, Department of Zoology extended sincere thanks to all members of the Board.

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

  
Convenor of BoS & Dean, SoAS

  
Dean, Academics  
Dean Academics  
Centurion University of Technology & Management  
Odisha

  
HoD, Zoology

**Annexure I**

**List of courses merged and new courses added (M.Sc. Zoology) in 2022-23**

Name of Course	Course code	No. of Modules/Topics revised	Revised Modules/Topics (details)
Advanced Aquaculture	CUTM1442	05 modules	The syllabus was merged with the Coastal Aquaculture and new course "Advanced Sustainable Aquaculture" was developed.
Coastal Aquaculture	CUTM1447	05 modules	The syllabus was merged with the Advanced Aquaculture and new course "Advanced Sustainable Aquaculture" was developed.

Name of Course	Course code	No. of Modules/Topics revised	Revised Modules/Topics (details)
Research Methodology and IPR	CUTM 2378	Course has been introduced	New course introduced with five modules
Advanced Sustainable Aquaculture	CUTM 2379	Course has been introduced	New course introduced with five modules

**Annexure II**

**List of Skill courses (Basket) approved**

Sl. No	Course Title	Credit	(T+P+P)
1.	Refraction Technology (CUTM3057)	4	0+3+1
2.	Emergency Medical Technology (CUTM3058)	4	0+3+1
3.	Medical Lab Technology (CUTM3059)	4	0+3+1
4.	Operation Theatre Technology (CUTM3060)	4	0+3+1
5.	Radiology Technology (CUTM3061)	4	0+3+1
6.	Phlebotomy Technology (CUTM3062)	4	0+3+1
7.	First Aid Service (CUTM3063)	4	0+3+1
8.	General Duty Assistance Service (CUTM3064)	4	0+3+1
9.	X-ray Technology (CUTM3065)	4	0+3+1
10.	Medical Diagnostic Techniques (CUTM3124)	4	0+3+1
11.	Ophthalmic Lens and Spectacles Manufacturing (CUTM3123)	4	0+3+1

**List of value-added courses approved**

<b>Sl. No</b>	<b>Course Title</b>	<b>Hrs. of input</b>
1.	Gender, Human Rights and Ethics (CUVA4040)	30 hrs
2.	Yoga and Meditation (CUVA4021)	30 hrs
3.	Clinical Practice (CUVA4002)	30 hrs



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Applied Sciences**

**Department of Zoology**

**Time: 11.00 AM**

**Date: 08.07.2022**

**Venue: Hybrid mode (Board Room, CUTM, Bhubaneswar and online)**

**Board of Studies Meeting**

**Attendance Sheet**

Sl. No.	Name	Organization	Signature
1	Dr. Jitendra Kumar Sunderay	Head of Division, Fish Genetics and Biotechnology ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar	Attended online
2	Dr. E.M. Chhanda Prajnadarsini	ICAR – CMFRI, Chennai	Attended online
3	Akash Pradip Dash	MSc Alumni student Centurion University of Technology and Management	Attended online
4	Ronika Ragini Mishra	MSc Alumni student Centurion University of Technology and Management	Attended online

Dean, SoAS

Dean Academics  
Centurion University of Technology & Management  
Odisha

HOD, SoAS



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Engineering & Technology**

**Department of Aerospace Engineering**

**Date: 08/07/2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

The Board of Studies (BoS) meeting of Department of Aerospace Engineering was held on 08/07/2022 at 10 a.m. in the Board Room, CUTM Bhubaneswar. The following are the members:

1. Prof. B.V.N Ramakumar, Industry Expert, Chairman-Dayanand Sagar University
2. Dr. CH Kanna Babu, Academician
3. Dr. P.K Mohanty, Dean Academics
4. Dr. A.M Mohanty, PRO VC, CUTM
5. Dr. Mukundjee Pandey, HOD, Aerospace

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, the Head of the Department of Aerospace Engineering presented the planning and vision of the programme with a focus on different skill courses related to industry embedded production centres of HAL and Dassault systems.

The following agenda items were taken up subsequently:

***Agenda 1: Discussion and approval of all the courses required in the Curriculum of B.Tech, Aerospace Engg. Basket 4 syllabus***

The HoD, Aerospace 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 inclusions to be implemented from the Academic Year 2022-23.

- List of new courses added (*Annexure A.*)
- The briefing comprised of credits distributions, courses and baskets layouts, and new inclusions such as the Smart Basket (Basket-III) Interdisciplinary domains etc.
- The domain course should be taught in practice and project mode.



**Agenda 2: Inclusion of courses on life skills and value addition**

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

The HoD, Department of Aerospace Engg. extended sincere thanks to all members of the Board.

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

Handwritten signature of the Dean, SoET.

Dean, SoET

Handwritten signature of the Dean, Academics.

Dean, Academics  
Dean Academics

Centurion University of Technology & Management  
Odisha

Handwritten signature of the HoD, Aerospace.

HoD, Aerospace

**List of new courses added**

Sl. No	Course Title	Type (Skill/Employability/Entrepreneurship)	Credit
1	Introduction to Aerospace Engineering	Skill and Employability	3
2	Rotary-wing Flight Dynamics	Skill and Employability	3
3	Aerodynamics	Skill and Employability	4
4	Flight Mechanics	Skill and Employability	6
5	Aircraft Structure	Skill and Employability	4
6	Aerospace Structural Analysis	Skill, Employability & Entrepreneurship	6
7	Jet Propulsion	Skill and Employability	4
8	Advanced Propulsion	Skill and Employability	3
9	Experimental Aerodynamics	Skill and Employability	3
10	Space Dynamics	Skill, Employability & Entrepreneurship	3
11	Introduction to Avionics	Skill, Employability & Entrepreneurship	3
12	Thermodynamics	Skill and Employability	3
13	Fluid Mechanics with Finite Volume Method	Skill and Employability	3
14	Theories of Failure Using Finite Element Analysis	Skill and Employability	4
15	Programming in Java(Same as Java Technologies)	Skill and Employability	3
16	Database Management Systems	Skill and Employability	3



**List of Skill courses (Basket) approved**

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 approved**

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 & Technology**

**Department of Aerospace Engineering**

**Date: 08/07/2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

**Attendance Sheet**

Sl.No.	Name of the Member	Designation	Signature
1	Prof. B.V.N Ramakumar	Industry Expert, Chairman- Dayanand Sagar University	Attended Online
2	Dr. CH Kanna Babu	Academician	Attended Online
3	Dr. A.M Mohanty	PRO VC,CUTM	
4	Dr. P.K. Mohanty	Dean Academics	
5	Dr. R.C Mohanty	Professor, SOET, Aerospace	
6	Dr. Mukundjee Pandey	HOD, Aerospace	

Dean, SoET

Dean, Academics  
Dean Academics  
Centurion University of Technology & Management  
Odisha

Dr. Mukundjee Pandey  
HoD, Aerospace



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Engineering & Technology**

**Department of Biotechnology**

**Date: 08/07/2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

The Board of Studies (BoS) meeting of Department of Biotechnology Engineering was held on 08/07/2022 at 10 a.m. in the Board Room, CUTM Bhubaneswar. The following members were present:

1. Dr. Khirod Kumar Sahoo, Associate Professor, Ravenshaw University
2. Dr. P.K Mohanty, Dean Academic
3. Prof. A.N. Misra, Distinguished Professor, CUTM
4. Dr. Ranjan Kumar Sahoo, HoD, Biotechnology

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, the Head of the Department of Bio-tech Engineering presented the planning and vision of the programme.

The following agenda items were taken up subsequently:

***Agenda 1: Discussion and approval of any revision required in the Curriculum of B.Tech, Mining Engg. Basket 4 syllabus***

The HoD, Mining 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 inclusions to be implemented from the Academic Year 2022-23.

- List of new courses added (*Annexure A.*)
- The briefing comprised of credits distributions, courses and baskets layouts, and new inclusions such as the Smart Basket (Basket-III) Interdisciplinary domains etc.
- The domain course should be taught in practice and project mode.



**Agenda 2: Inclusion of courses on life skills and value addition**

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

The HoD, Department of Bio-tech Engg. extended sincere thanks to all members of the Board.

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

  
Dean, SoET

  
Dean, Academics  
Dean Academics  
Centurion University of Technology & Management  
Odisha

  
HoD, Bio-tech

**List of new courses added**

Sl. No	Course Title	Type (Skill/Employability/Entrepreneurship)	Credit
1	Fermentation Biotechnology	Skill and Employability	4
2	Microbial Biotechnology	Skill and Employability	5
3	Genetic Engineering	Skill and Employability	4
4	Plant Tissue Culture Engineering	Skill and Employability	4
5	Biosafety Engineering	Skill and Employability	3
6	Cell Biology	Skill, Employability & Entrepreneurship	4
7	Molecular Biology	Skill and Employability	4
8	Biochemistry	Skill and Employability	4
9	Immunology	Skill and Employability	4
10	Animal Biotechnology	Skill, Employability & Entrepreneurship	4
11	Cancer Biology	Skill, Employability & Entrepreneurship	5
12	Introduction to Biotechnology	Skill and Employability	3
13	Bioanalytical Technique	Skill and Employability	4
14	Programming in Java/(Same as Java Technologies)	Skill and Employability	3
15	Database Management Systems	Skill and Employability	3

**List of Skill courses (Basket) approved**

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	4	0+3+1

	Management		
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 approved**

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 & Technology**

**Department of Bio-tech Engineering**

**Date: 08/07/2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

**Attendance Sheet**

Sl.No.	Name of the Member	Designation	Signature
1	Dr. Khirod Kumar Sahoo	Associate Professor Ravenshaw University	<i>Khirod Kumar Sahoo</i>
2	Prof. A.N. Misra	Distinguished Professor CUTM	<i>AN Misra</i>
3	Dr. Ranjan Kumar Sahoo	HoD, Bio-tech	<i>Ranjan</i>
4	Dr. P.K. Mohanty	Dean Academics	<i>P.K. Mohanty</i>
5	Dr. S. B. Nanda	HoD, Bio-tech, PKD	<i>S. B. Nanda</i>
6	Dr. Preetha	Assistant Professor	<i>Preetha</i>

*P.K. Mohanty*  
Dean, SoET

*P.K. Mohanty*  
Dean, Academics  
Dean Academics

*Ranjan*  
HoD, Bio-tech

Centurion University of Technology & Management  
Odisha



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Engineering & Technology**

**Department of Computer Science and Engineering**

**Date: 08/07/2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

The Board of Studies (BoS) meeting of Department of Mechanical Engineering was held on 08/07/2022 at 10 a.m. in the Board Room, CUTM Bhubaneswar. The following are the members:

1. Mr. Pramod Saini, Co-founder of Icalibrator
2. Ms. Aruna Saini, Co-founder of Icalibrator
3. Dr. P.K Mohanty, Dean Academics
4. Prof. Uma Valluri, Ex- Prof., IIT SriCity
5. Dr. Sujata Chakravarty, Professor, SOET, CSE
6. Dr. Mamata Garanayak, HOD, CSE

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, the Head of the Department of Computer Science and Engineering presented the achievements and improvements of the department in the areas of academics, research, consultancy and infrastructure.

The following agenda items were taken up subsequently:

**Agenda 1: The minutes of the last meeting of the BoS held on 09.07.2021 were confirmed.**

**Agenda 2: Discussion and approval of any revision required in the Curriculum of B.Tech, CSE. Basket 5 syllabus**

The HoD, CSE. 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 course revision to be implemented from the Academic Year 2022-23.

- Discussion on modification of syllabus of Basket- 4 and Basket-5.
- New cyber security domain is introduced and the syllabus is approved by all the BoS members.



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- One new course (Mathematics for ML) is suggested by the domain coordinator and the same is approved by all the BoS members.

The Board approved the changes suggested in the Basket V. List of existing courses where syllabus was changed in (*Annexure B*)

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

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

The HoD, Department of CSE. extended sincere thanks to all members of the Board.

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

Dean, SoET

Dean, Academics  
Dean Academics

Centurion University of Technology & Management  
Odisha

HoD, CSE

*Annexure-A*

**List of new courses added**

Sl. No	Course Title	Type (Skill/Employability/Entrepreneurship)	Credit
1	Linux Server Management and Security	Skill and Employability	4
2	Advanced Hacking Techniques	Skill and Employability	4
3	IT Networking and Network Security	Skill and Employability	4
4	Vulnerability Assessment & Penetration Testing	Skill and Employability	4
5	Project	Skill and Employability	4
6	Mathematics for ML	Skill and Employability	3

*Annexure-B*

**List of existing courses where syllabus was changed**

Basket/ Semester	Name of Course	No. of Modules/Topics revised	Revised Modules/Topics (details)
V	ML for Predictive Analysis	2	Course e was changed with little modification in content.

List of Skill courses (Basket) approved

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 approved**

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 & Technology**

**Department of Computer Science and Engineering**

**Date: 08/07/2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

**Attendance Sheet**

Sl.No	Name of the Member	Designation	Signature
1	Mr. Pramod Saini	Co-founder of Icalibrator	Online attended
2	Ms. Aruna Saini	Co-founder of Icalibrator	Online attended
3	Prof. Uma Valluri	Ex- Prof., IIIT SriCity	Online attended
4	Dr. Prasant Kumar Mohanty	Dean, Academics	
5	Dr. Sujata Chakravarty	Professor, CSE	
6	Dr. Mamata Garanayak	HOD, CSE	Mamata Garanayak
7	Dr. Ashish R. Dash	SOET, PKD campus	
8	Dr. Debendra Mehera	SOET, PKD campus	

Dean, SoET

Dean Academics  
Centurion University of Technology & Management  
Odisha

Mamata Garanayak  
HoD, CSE



Shaping Lives,  
Empowering Communities

## CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

### School of Engineering & Technology

#### Department of Electronics and Communication Engineering

Date: 08/07/2022

#### MINUTES OF BOARD OF STUDIES MEETING

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

The Board of Studies (BoS) meeting of Department of Electronics and Communication Engineering was held on 08.07.2022 at 11 a.m. in online mode. The following members were present:

1. Dr. N. Bheema Rao, Asst. Prof., NIT Warangal
2. Mr. Mangovinda Mishra, NEMHANS Solutions Pvt. Ltd. Bhubaneswar, Odisha
3. Dr. Harish Chandra Mohanta, HOD, ECE, SoET, CUTM, BBSR
4. Dr. Prasant Kumar Mohanty, Dean, SoET, CUTM

All of the Board members were warmly welcomed, and the Chairperson gave a brief explanation of the agenda. The department's successes and advancements in academics, research, consulting, and infrastructure were then presented by the head of the department of electronics and communication engineering. The following agenda items were taken up subsequently:

**Agenda 1: The minutes of the last meeting of the BoS held on 09/07/2021 were confirmed.**

**Agenda 2: Approval of revision required in the Curriculum of B.Tech, Electronics and Communication Engg.**

- The Head of Department for Electronics and Communication Engineering presented a summary of the curriculum comments from the various stakeholders. This information led the Board to accept and adopt a few recommendations for course adjustment that will begin in the academic year 2022–2023.
- According to the suggestions made by the people in attendance, it was concluded that just the skills relevant to various disciplines needed to be listed in the syllabus, with no substantial revisions needed.
- The members of board approved Introduction to Verification Methodologies Course introduced to the Chip Design and Fabrication using VLSI Domain syllabus for matching latest industry standard. (Annex 1)





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- The members of board approved AUTOSAR Design using CAN, CAN Analyser, and LIN Course introduced to Embedded System Design Domain for matching latest industry standard. (Annex 1)


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

Various courses offered by University in the areas of life skills and value addition for the students overall improvement and well being are approved by board members. (Annex 2 and Annex 3)

The HoD, Department of Electronics and Communication Engg. extended sincere thanks to all members of the Board.

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

  
Dean, SoET

  
Dean, Academics  
Dean Academics  
Centurion University of Technology & Management  
Odisha

  
HoD, ECE



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Empowering Communities

## Annexure 1

List of new courses added:

Sl. No	Course Title	Type(Skill/Employability/Entrepreneurship)	Credit
1	AUTOSAR Design using CAN, CAN Analyser, and LIN (Embedded System Design Domain)	Skill And Employability	4
2	Verification Methodologies Course (Chip Design and Fabrication using VLSI Domain)	Skill And Employability	4

## Annexure 2

**List of Skill courses approved in the Year 2022-23:**

S No	Course Name	Course Code	Credit
1	3D Game Art	CUTM3121	4
2	Drug Design using Biovia Discovery Studio	CUTM3122	4
3	Ophthalmic Lens and spectacle manufacturing Techniques	CUTM3123	4
4	Medical Diagnostic Techniques	CUTM3124	4
5	Introduction to Aquaponics	CUTM3125	4
6	Polyhouse Automation	CUTM3126	4
7	Development of Processor (Shakti)	CUTM3127	4
8	Spectroscopy	CUTM3128	4
9	Extraction Technologies	CUTM3129	4
10	Gamified DIY kits using Lasers	CUTM3130	4
11	VR Assets Development	CUTM3131	4
12	GIS and Remote Sensing: Applications in Participatory Natural Resource Management	CUTM3133	4
13	GIS and Remote Sensing: Application Development	CUTM3134	4
14	3D Modelling and Printing	CUTM3135	4
15	Brew Master	CUTM3142	4



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Annexure 3

**List of Value Added Courses offered in the Year 2022-23**

S No	Name of the value added courses (with 30 or more contact hours) offered	Course Code	Duration of course
1	Ethical Hacking	CUVA4013	30 Hours
2	Clinical Practice	CUVA4002	30 Hours
3	Financial Literacy	CUVA4038	30 Hours
4	MATLAB	CUVA4035	30 Hours
5	MS Excel Basics	CUVA4010	30 Hours
6	Pharmaceutical Dry-Lab Techniques	CUVA4043	30 Hours
7	Research Methodology and IPR	CUVA4009	30 Hours
8	Steps for Career Plan	CUVA4018	30 Hours
9	TABLEAU	CUVA4014	30 Hours
10	Technical Writing	CUVA4023	30 Hours
11	Waste to Wealth	CUVA4029	30 Hours
12	Web Development	CUVA4012	30 Hours
13	Yoga and Meditation	CUVA4021	30 Hours
14	Health and Lifestyle	CUVA4020	30 Hours
15	Life Skills and Moral Value Education	CUVA4030	30 Hours
16	Ansys	CUVA4044	30 Hours
17	Video Making for Youtubers	CUVA4016	30 Hours



Shaping Lives...  
Empowering Communities...

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Engineering & Technology**

**Department of Electronics and Communication Engineering**

**Date: 08/07/2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

**Attendance Sheet**

**List of Members present**

Sl. No.	Name	Organization	Signature
1	Dr. N. Bheema Rao	NIT Warangal	Attended online
2	Mr. Mangovinda Mishra	NEMHANS Solutions Pvt. Ltd. Bhubaneswar, Odisha	Attended online
3	Dr. Harish Chandra Mohanta	HOD ECE, School of Engineering & Technology, Bhubaneswar Campus	
4	Prof. Prabhat Kumar Patnaik	HOD ECE, School of Engineering & Technology, Paralakhemundi Campus	
5	Dr. Prasant Kumar Mohanty	Dean, SoET	
6	Dr. Satyaranayan Padhi	Asst. Prof. ECE, PKR campus	

Dean, SoET

Dean, Academics  
Centurion University of Technology & Management  
Odisha

HoD, ECE



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Engineering & Technology**

**Department of Electrical & Electronics Engineering**

**Date: 08.07.2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

The Board of Studies (BoS) meeting of Department of EEE was held on 08.07.2022 at 10 a.m. in the Board Room , CUTM Bhubaneswar. The following are the Board members:

1. Prof. P.K. Pradhan, Ex-Director, CCM, GRIDCO (Industry Expert)
2. Prof. P.K.Hota, Professor, VSSUT, Burla (Academician)
3. Prof. Jagannath Padhi, Director, CIT (Faculty)
4. Dr. Sudhansu Kumar Samal, HoD, CIT (Faculty)

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, the Head of the Department of EEE presented the achievements and improvements of the department in the areas of academics, research, consultancy and infrastructure.

The following agenda items were taken up subsequently:

**Agenda 1: The minutes of the last meeting of the BoS held on 09.07.2021 were confirmed.**

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

The HoD, EEE 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 inclusions to be implemented from the Academic Year 2022-23.

- List of new courses added (*Annexure A.*)
- The briefing comprised of credits distributions, courses and baskets layouts, and new inclusions such as the Smart Basket (Basket-III) Interdisciplinary domains etc.
- The domain course should be taught in practice and project mode.

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


Students were asked to take up the various courses offered by the University in the areas of life skills and value addition for their overall improvement and well being. The same was agreed upon and approved by the Board members. (*Annexure B*)

**Agenda 4:**

GATE Training was introduced in the timetable for final year students to encourage students to go for higher studies and to compete for PSU jobs.

The HoD, Department of EEE extended sincere thanks to all members of the Board.

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

  
Dean, SoET

  
Dean, Academics  
Dean Academics  
Centurion University of Technology & Management  
Odisha

  
HoD, EEE

**List of new courses added**

Sl. No	Course Title	Type (Skill/Employability/Entrepreneurship)	Credit
1	Power System Operation and Control	Skill and Employability	3

Annexure-B

**List of Skill courses (Basket) approved**

Sl. No.	Course Title	Credit
1	Refraction Technology	4
2	Emergency Medical Technology	4
3	Medical Lab Technology	4
4	Operating Theatre Technology	4
5	Radiology Technology	4
6	Phlebotomy Technology	4
7	First Aid Service	4
8	General Duty Assistance Service	4
9	X- ray Technology	4
10	Retail Sales	4
11	Basketball	4
12	Gym Fitness	4
13	Swimming	4
14	Yoga & Meditation	4
15	Solar PV Installation	4
16	Solar Lighting Technology	4
17	Solar PV Microgrid System	4
18	Solar PV Driven Equipment O/M & Assembly	4
19	Solar Thermal Engineering	4



### List of Domain courses approved

Sl. No	Domain Course Title	Credit	(T+P+P)
1	Industrial Automation	24	5+9+10
2	Operation and Maintenance of Electrical Grid System & Transformers	24	6+14+4
3	Renewable Energy Applications	22	4+8+10

### List of value-added courses approved

Sl. No	Course Title	Hrs. of input
1	The Mind-Its mysteries and conquest	30 Hours
2	Understanding Personality-The Bhagavad Gita Perspective	30 Hours
3	Understanding Leadership - The Valmiki Ramayana Perspective	30 Hours
4	Organic Farming	30 Hours
5	Urban Kitchen gardens using Hydroponics	30 Hours
6	Introduction to PowerBI	30 Hours
7	Introduction to Python	30 Hours
8	Food & Nutrition	30 Hours
9	Behavioural Economics	30 Hours
10	Nutrition for Healthy Living	30 Hours
11	Conflict Resolution	30 Hours
12	Gender issues in Contemporary times	30 Hours
13	Natural Resource Management	30 Hours
14	Rural Livelihood and Promotion	30 Hours
15	Leadership in Organizations	30 Hours
16	Introduction to Qualitative Research Methodology	30 Hours
17	Knowledge Management	30 Hours
18	Professional Etiquette	30 Hours





**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Engineering & Technology**

**Department of Electrical & Electronics Engineering**

**Date: 08.07.2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

**Attendance Sheet**

**Time:10.00 A.M.**

**Date:08.07.2022**

Sl. No.	Name of the Member	Designation	Signature
01	Prof. P.K. Pradhan	Ex-Director, CCM, GRIDCO (Industry Expert)	Attended Online
02	Prof. P.K.Hota	Professor,VSSUT, Burla (Academician)	Attended Online
03	Prof. Jagannath Padhi	Director,CIT (Faculty)	
04	Dr. Sudhanshu Kumar Samal	HoD, CIT (Faculty)	
05	Dr. Ashish Ranjan Dash	Coordinator,	

Dean, SoET

Dean Academics

Centurion University of Technology & Management  
Odisha

HoD, EEE



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Engineering & Technology**

**Department of Mechanical Engineering**

**Date: 08/07/2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

The Board of Studies (BoS) meeting of Department of Mechanical Engineering was held on 08/07/2022 at 10 a.m. in the Board Room, CUTM Bhubaneswar. The following are the members:

1. Dr. U. Chandrasekhar, WIPRO 3D
2. Prof.S.S. Mohaptra, NIT Rourkela
3. Dr. P.K Mohanty, Dean Academics
4. Dr. A.M Mohanty, PRO VC, CUTM
5. Dr. R.C Mohanty, Professor, SOET, Mechanical
6. Prof. Prajna Paramita Debata, HOD, Mechanical
7. Mr. Hari Krishna, placed in Byjus through campus recruitment
8. Abhisek Chinara, Alumni (Working in Tata Motors)
9. Mr. RamaMohan, Parent

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, the Head of the Department of Mechanical Engineering presented the achievements and improvements of the department in the areas of academics, research, consultancy and infrastructure.

The following agenda items were taken up subsequently:

**Agenda 1: The minutes of the last meeting of the BoS held on 09.07.2021 were confirmed.**

**Agenda 2: Discussion and approval of any revision required in the Curriculum of B.Tech, Mechanical Engg. Basket 4 syllabus**

The HoD, Mechanical 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 2022-23.



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- Manufacturing Process-Process planning and Heat Treatment (2-1-0) (CUTM1079) is very heavy and easily split into courses of 3 credit each
- Credit distribution on Domain Automobile Engineering has been changed.
- Smart Track is a very good suggestion and should be implemented.
- The briefing comprised of credits distributions, courses and baskets layouts.
- Discussion on modification of syllabus of Basket-4,5
- The domain course should be taught in practice and project mode.

The Board approved the changes suggested in the Manufacturing Process. List of existing courses where syllabus was changed in (*Annexure B*)

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

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

The HoD, Department of Mechanical Engg. extended sincere thanks to all members of the Board.

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

Dean, SoET

Dean, Academics

HoD, Mechanical Engineering

Centurion University of Technology & Management  
Odisha

*Annexure-A*

**List of new courses added**

Sl. No	Course Title	Type (Skill/Employability/Entrepreneurship)	Credit
1	Computer Aided Drafting	Skill and Employability	3
2	Product Design and Development	Skill and Employability	2
3	Reverse Engineering and Rapid Prototype	Skill and Employability	4
4	Product Life Cycle Management	Skill and Employability	2
5	Manufacturing Process	Skill and Employability	3
6	Material in product design and development	Skill and Employability	2
7	Computer Aided Engineering	Skill and Employability	3
8	Quality Assurance	Skill and Employability	2
9	Applied Ergonomics	Skill and Employability	2
10	Computer Aided Manufacturing	Skill and Employability	2
11	CNC Programming & CNC Machining	Skill and Employability	2
12	Design of Tools, Jigs and Fixtures	Skill and Employability	3
13	Advance Metrology	Skill and Employability	2
14	Thermodynamics	Skill and Employability	3
15	Fluid Mechanics with Finite Volume Method	Skill and Employability	3
16	Hydraulic Machinery	Skill and Employability	2
17	Theory of Machines	Skill and Employability	3
18	Heat Transfer with FDM/FVM	Skill and Employability	3
19	Theories of Failure Using Finite Element Analysis	Skill and Employability	4
20	Optimisation Techniques	Skill and Employability	2
21	Programming in Java (Same as Java Technologies)	Skill and Employability	3
22	Database Management Systems	Skill and Employability	3



*Annexure-B*

**List of existing courses where syllabus was changed**

Basket/ Semester	Name of Course	No. of Modules/Topics revised	Revised Modules/Topics (details)
1	Manufacturing Process	1	Course was changed with little modification in content.

*Annexure-C*

**List of Skill courses (Basket) approved**

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 approved**

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 & Technology**

**Department of Mechanical Engineering**

**Date: 08/07/2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Board room

**Mode:** Hybrid Mode

**Time:** 10.00 a.m.

**Attendance Sheet**

Sl.No.	Name of the Member	Designation	Signature
1	Prof. S.S. Mohaptra	Professor, NIT Rourkela	<i>S.S. Mohaptra</i>
2	Dr. U. Chandrasekhar	Program Director Addwise - Wipro 3D, Bangalore	<i>U. Chandrasekhar</i>
3	Dr. A.M Mohanty	PRO VC,CUTM	<i>A.M Mohanty</i>
4	Dr. P.K. Mohanty	Dean Academics	<i>P.K. Mohanty</i>
5	Dr. R.C Mohanty	Professor, SOET, Mechanical	<i>R.C Mohanty</i>
6	Prof.PrajnaParamitaDebata	HOD, Mechanical	<i>Prajna</i>
7	Mr. Hari Krishna	Final year student (placed in Byjus through campus recruitment)	<i>Mr. Hari Krishna</i>
8	Abhisek Chinara	Alumni(Working in Tata Motors )	<i>Abhisek Chinara</i>
9	Mr. Rama Mohan	Parent	<i>Rama Mohan</i>

*P.K. Mohanty*  
Dean, SoET

*P.K. Mohanty*  
Dean, Academics  
Centurion University of Technology & Management  
Odisha

*Prajna*  
HoD, Mechanical Engineering



**School of Pharmacy and Life Sciences**  
**Centurion University of Technology and Management**

**Date: 08-07-2022**

**MINUTES OF BOARD OF STUDIES MEETING**

**Venue:** Hybrid mode (Board Room, CUTM, Bhubaneswar and online)

**Time:** 11.00 a.m.

The Board of Studies (BoS) meeting of School of Pharmacy and Life Sciences(SoPLS) was held on 08-07-2021 at 11 a.m. in the Board Room, CUTM Bhubaneswar. The following members were present:

1. Prof. Supriya Pattnaik, Vice Chancellor, CUTM
2. Prof. Anita Patra, Registrar, CUTM
3. Dr. Gurudutta Pattnaik, Dean SoPLS
4. Dr P.K Mohanty, Dean Academics, CUTM
5. Dr. Amulyaratna Behera, Professor SoPLS
6. Mr. Himansu Bhusan Samal, Associate Professor SoPLS

The Chairperson welcomed all members of the Board and briefly outlined the purpose of the meeting. Thereafter, the Head of the School of Pharmacy and Life Sciences presented the achievements and improvements of the department in the areas of academics, research, consultancy and infrastructure.

The following agenda items were taken up subsequently:

**Agenda 1: The minutes of the last meeting of the BoS held on 09-07-2021 were confirmed.**

**Agenda 2:** The committee decided to apply Pharmacy council of India for increase in intake for B. Pharm in Balasore campus intake capacity from 60 to 100 & opening of new Programme in M. Pharm (Pharmaceutics) in Rayagada Campus (**15 Intake**)

**Agenda 3: Discussion and Resolutions taken (Syllabus/Evaluation systems etc.)**

- Feedback received from different stakeholders such as, expert from academics, pharmaceutical industry & students for designing and review of syllabus.
- As per Pharmacy council of India, the statutory council which regulates the Education system in the country have restructured their syllabus in 2017. The new syllabus framed and implemented in 2018 is as per the current need pharmaceutical sector. Hence the current syllabus is being imparted from 2018 to till date.
- School of Pharmacy and Life Sciences progress and performance in academic is reviewed and found satisfactory in syllabus, class performance and results, hence BOS after due deliberation accepted the points raised by the Dean of School of Pharmacy and Life Sciences.
- It is also resolved to follow the prescribed syllabus, credit system of PCI guide lines with an incorporation of university course code.





- Project work: The Board approved the revision of the syllabus in keeping with the latest requirements of the industry.

**Agenda 4: Inclusion of courses on life skills and value addition**

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

The Dean, School of Pharmacy and Life Sciences extended sincere thanks to all members of the Board.

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

A handwritten signature in black ink, appearing to be "S.P.L.S.", written over a horizontal line.

**Dean, SoPLS**

A handwritten signature in blue ink, appearing to be "B. B. B.", written over a horizontal line.

**Dean, Academics**  
**Dean Academics**  
**Centurion University of Technology & Management**  
**Odisha**

Annexure A

**List of Skill Courses:**

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

**Value Added courses offered by University in 2022-23:**

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



**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

**School of Pharmacy and Life Sciences**

**Time: 11.00 AM**

**Date: 08.07.2022**

**Venue: Hybrid mode (Board Room, CUTM, Bhubaneswar and online)**

**Board of Studies Meeting**

**Attendance Sheet**

Sl. No	Name of the BoS Member	Designation	Signature
1.	Prof. Supriya Pattnaik	Vice Chancellor, Centurion University of Technology and Management	
2.	Prof. Anita Patra	Registrar, Centurion University of Technology and Management	
3.	Dr. Gurudutta Pattnaik	Dean, School of Pharmacy and Life Sciences, Centurion University of Technology and Management	
4.	Dr. Amulyaratna Behera	Dean, School of Forensic Sciences, Centurion University of Technology and Management	
5.	Dr P.K Mohanty	Dean Academics, Centurion University of Technology and Management	
6.	Mr. Himansu Bhusan Samal	Associate Professor School of Pharmacy and Life Sciences, CUTM	

**Dean, SoPLS**

**Dean, Academics**  
Dean Academics  
Centurion University of Technology & Management  
Odisha