

KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution, Affiliated to Anna University, Chennai)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C.Nagar, K.Vellakulam – 625 701.

(Near VIRUDHUNAGAR)



EIGHTH BOARD OF STUDIES

MEETING MINUTES



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam -- 625 701 (Near VIRUDHUNAGAR).

Department of Computer Science and Engineering

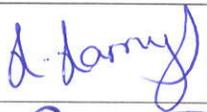
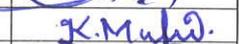
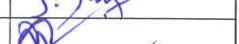
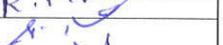
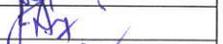
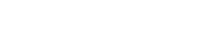
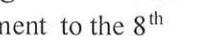
B.E Computer Science and Engineering

Eighth BoS Meeting Minutes

Date : 06.04.2024
Time : 11.30 a.m.
Link : <https://t.ly/Swvle>

The following members were present:

S.No.	Name of the Expert	Designation	Capacity	Signature
1	Dr. P. Chitra	Professor & Head, Department of Computer science and Business systems, Thiagarajar College of Engineering, Madurai.	Anna University Nominee	
2	Dr. G. R. Gangadharan	Associate Professor Department of Computer Applications, National Institute of Technology, Tiruchirapalli -620015.	Academic Council Nominee	
3	Dr. D. Jeya Mala	Associate Professor, School of Computer Science Engineering, Vellore Institute of Technology, Chennai.	Academic Council Nominee	
4	Mr. R. Anandha Murugan	Chief Technology Officer, Privity HR Solutions Private Limited Anna Nagar, Madurai.	Industrial Expert	
5	Mr. S. Venkatesh	Device Solution Engineer, Exxonmobil, Bengaluru.	Alumni	

Internal Faculty Members of BoS			
S.No.	Name of the Faculty	Designation	Signature
1	DR.A.Meenakshi	Professor and Head	
2	Dr.R.Ramya	Associate Professor / CSE UG (B. E. CSE) Programme Coordinator	
3	Dr.A.Anandh	Associate Professor / CSE UG (B. Tech. AI &DS) Programme Coordinator	
4	Dr.G.Nirmala	Assistant Professor / CSE	
5	Dr.G.Mahalakshmi	Assistant Professor / CSE	
6	Dr.G.Uma Maheshwari	Assistant Professor / CSE	
7	Mr.V.Rajesh Kannan	Assistant Professor / CSE	
8	Mrs.S.Athilakshmi	Assistant Professor / CSE	
9	Mr.B.Muthukrishnavinayagam	Assistant Professor / CSE	
10	Mrs.K.Muthulakshmi	Assistant Professor / CSE	
11	Mr.G.Praveen Kumar	Assistant Professor / CSE	
12	Mr.J.John Livingston	Assistant Professor / CSE	
13	Ms.S.Hemaswathi	Assistant Professor / CSE	
14	Mrs.X.Ignatius Selvarani	Assistant Professor / CSE	
15	Mrs.E.Vijayalakshmi	Assistant Professor / CSE	
16	Ms.S.Janani	Assistant Professor / CSE	
17	Mr.D.Raj	Assistant Professor / CSE	
18	Mr.M.Rajasekaran	Assistant Professor / CSE	
19	Mrs.B.Santhi Priya	Assistant Professor / CSE	
20	Mrs.R.Hari Priya	Assistant Professor / CSE	
21	Mr.R.Kumaravel	Assistant Professor / CSE	
22	Mrs.D.Pradhiba	Assistant Professor / CSE	
23	Mr.D. Asir	Assistant Professor / CSE	
24	Dr.R.Muthuselvi	Professor / AI & DS	
25	Dr P Praveen Kumar	Associate Professor / AI & DS	
26	Dr.U.Kumaran	Associate Professor / AI & DS	
27	Mrs.S.Nithya	Assistant Professor / AI & DS	
28	Mrs.R.Indhuja	Assistant Professor / AI & DS	
29	Mrs K Indumathi	Assistant Professor / AI & DS	
30	Mrs J Lavanya	Assistant Professor / AI & DS	
31	Mrs.V.Sangeetha	Assistant Professor / AI & DS	

008.01.00 : Welcome address by HoD

Dr. A. Meenakshi, HoD, Department of Computer Science and Engineering welcomed all the members of the Board of Studies and Faculty members of CSE Department to the 8th BOS meeting.

008.02.00 : Approval of 7th BoS Meeting Minutes & Action taken

Item No.	Suggestions of BoS Members in 7 th BoS Meeting	Action Taken
1	BoS Member Suggested that computer science faculty members may handle the Design Thinking subject that helps to design models for various problems.	Suggestion is implemented in the current semester.
2	BoS Member Suggested to have a very lighter content for open elective and minor courses.	Course syllabus is reframed as per the suggestion.
3	BoS Member requested to give clarification about minor/honour students' distinction norms if they get fail in the exams.	From COE it was communicated to us that it is based on the norms and regulations of the affiliated University

BoS members approved 7th BoS Meeting Minutes.

008.03.00 : Discussion and approval of**008.03.01 : One Credit subjects**

Four one credit subjects such as **Selenium, Prompt Engineering, Scrum, Unity** were presented and BOS members approved the same.

008.03.02 : Over & above credits under EM category (Internships, Skill Development Programme etc.,)

Internships and Value-Added Courses are provided as over and above credits. The BoS Members approved the same.

008.03.03 : List of NPTEL Courses (equivalence) offered for the students in Honours / Minor degree / alternative to professional elective courses

NPTEL COURSE	Equivalent Professional elective course
Blockchain and its Applications	PE/Honours: Block Chain Technologies
Natural Language Processing	PE/Honours: Natural Language Processing Essentials
Deep Learning	PE/Honours: Deep Learning
Ethical Hacking	PE/Honours: Ethical Hacking
Cyber Security and Privacy	PE/Honours: Principles of Cyber Security
Software Engineering	Minor: Software Engineering Essentials

BOS members approved the courses.

008.04.00 : Items for Ratification**008.04.01 : Changes or Corrections in the existing Curriculum of R2021**

Existing	Corrections required and specify the reasons
CS2351 - Theory of Computation and Compiler Design# & R2021 is a theory cum lab course Code	As students have enough number of laboratory courses in the corresponding semester, it is suggested to change the theory cum lab course CS2351 into theory course. If the faculty member gives demo, it can be understood by the students.
AI2252 - Introduction to Internet of Things & R2021	Slight modification is required in the Units so that theory and Lab content can match
AI2253 - Internet of Things Laboratory & R2021	AI2253 - Internet of Things Laboratory subject syllabus is slightly modified in order to map the theory and Lab content.
MCS101 – Fundamentals of Data Structures & R2021	As students have enough number of laboratory courses in the corresponding semester, it is suggested to change the theory cum lab course MCS101 into theory course. If the faculty member gives demo, it can be understood by the students
MCS102 – Database Essentials & R2021	As students have enough number of laboratory courses in the corresponding semester, it is suggested to change the minor course MCS102 theory cum lab course into theory course. This wouldn't affect the student learning because unit II alone need SQL practice. If the faculty members give demo it will be understand better by the students.

BOS members approved the same.

008.04.02 : NPTEL Examination results (students performance) and action taken for the students who did not receive the certificates

S.No.	Course Title	No. of students attended	No. of students passed	No. of students failed	Pass Percentage
1	Introduction to Internet of Things	25	25	-	100%
2	Soft Skills	44	29	15	65.91%
3	Cloud Computing	5	3	2	60%

Performance Analysis

No. of Students passed	57
No. of Students failed	17
No. of Students got Elite+Gold+Topper	2
No. of Students got Elite+Silver+Topper	-
No. of Students got Elite+Silver	13
No. of Students got Elite	25
No. of Students Successfully completed	17
No. of Students with no certificate	17

R2020	CSE	AI&DS
Total No. of Students	104	45
No. of Students Cleared 2 courses	98	34
No. of Students Cleared 1 courses	5	11
No. of Students yet to clear 2 courses	1	-

Action taken for the students who did not receive the certificate

- The students those who have not cleared NPTEL courses as per R2020 curriculum, may appear for an equivalent exam conducted during their End semester
- Students can only appear for the exam in which they have failed in the corresponding NPTEL courses.
- The assignment marks scored in the NPTEL exams will be considered as the internal marks for their end semester exams.

BOS members approved the action plan for the students those who did not receive the certificate.

008.04.03 : Curriculum feedback and action taken if any

- **Based on the faculty feedback on curriculum, the following subject's are modified from theory cum lab course into theory course alone and syllabus is revised.**
 - CS2351 Theory of Computation and Compiler Design
 - MCS101 – Fundamentals of Data Structure
 - MCS102 – Database Essentials
- **Based on the faculty feedback on curriculum, the following subject's syllabus is revised**
 - AI2252 Introduction to Internet of Things
 - AI2253 Internet of Things Laboratory

BOS members approved the changes

008.04.04 : Value Added Courses offered - ratification required if any

Value Added Courses conducted during the academic year 2023-2024 is as follows:

2023-2024 ODD

- Figma, Kevell Global Solutions LLP.
- React JS, Kevell Corp.
- Angular JS, VEI technologies Pvt Ltd.
- Power BI, Brainswig EduTech Pvt. Ltd. Chennai.
- Flask, Phoenix Softech, Madurai.

2023-2024 EVEN

- Mastering the Art of Coding – Java Programming
 - Amphisoft Technologies, Coimbatore.
 - HR Lytics Private Ltd, Bengaluru, Karnataka
 - CodeTantra Tech Solutions Private Limited, Hyderabad
- Mastering the Art of Coding – Fundamentals of C Programming
 - Xplo code Infotech Pvt Ltd, Madurai.
 - Phoenix Softech, Madurai.

We got the approval for the conducting all the above VAC courses in the 7th BOS meeting expect C programming and it was given in the 7th BOS meeting minutes number 007.04.04 dated 27.09.2023. Based on the placement cell recommendation we conducted the C programming course and BOS members approved the same.

Value Added Courses Planned for III Year for the academic year 2024-2025

- Angular JS
- React JS
- Java Spring Boot
- .Net Framework

BOS members approved the courses.

008.04.05 : Minor Degree Courses - ratification (Computing Technology)

Existing	Corrections required and specify the reasons
MCS101 – Fundamentals of Data Structure & R2021	As students have enough number of laboratory courses in the corresponding semester, it is suggested to change the theory cum lab course MCS101 into theory course. If the faculty member gives demo, it can be understood by the students
MCS102 – Database Essentials & R2021	As students have enough number of laboratory courses in the corresponding semester, it is suggested to change the minor course MCS102 theory cum lab course into theory course. This wouldn't affect the student learning because unit II alone need SQL practice. If the faculty members give demo it will be understand better by the students.

BOS members approved the same.

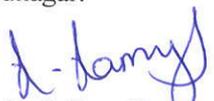
008.05.00: Information about the (Points Discussed in the following)

Item No.	Description	Suggestions / Comments from the BoS Members
008.05.01	Number of students doing Honours / Honours with Specialization / Minors and its respective courses - Results	The HOD Presented the number of students doing Honours/ Honours with specialization/ Minors and its respective courses. Dr. P. Chitra shared that only very few students are joining minor and honours courses in her institute. She also mentioned that opting minor/honour course is completely based on student willingness and interest.
008.05.02	Student Internship Completion details R2021	The HOD shared the statistical data of the student internship/ Implant training details for R2020 & R2021.
008.05.03	Pass Percentage of students	The HOD presented the Pass percentage year wise and course wise
008.05.04	Value Added Courses offered / Planned for the academic year 2024 - 2025	The HOD Presented the Value added course planned for the academic year: <ul style="list-style-type: none">• Angular JS• React JS• Java Spring Boot• .Net Framework BOS members approved the courses. Dr. D. Jeya Mala madam suggested to give NASSCOM certificate course on Java and also C-DAC courses for VAC if possible. If not, she suggested to give these courses as placement related courses and she told it will be much useful for student placement.
008.05.05	NBA eSAR / status / compliance preparation and its information	B.E CSE has been granted an extension of NBA Accreditation approval, for a span of three years from 2023.

008.06.00 : Any other Items **NIL**

008.07.00 : Vote of Thanks

The meeting ended with the Vote of Thanks by HOD Dr.A.Meenakshi Professor, Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.


BoS Coordinator
(Dr.R.Ramya)


BoS Chairman
(Dr.A.Meenakshi)
HoD / CSE

Department of Electronics and Communication Engineering

Eighth BoS Meeting Minutes

Date : 06.04.2024
Time : 2.30 PM to 4.00 PM
Link : <https://11nk.dev/5OW8c>

The following members were joined in online.

External Members:

S.No.	Name of the Expert	Designation	Capacity
1	Dr. M. Sabarimalai Manikandan Ph.D.,	Associate Professor, Department of Electrical Engineering Indian Institute of Technology Palakkad, Ahalia Integrated Campus, Kozhippara P. O-678557, Palakkad, Kerala	Academic Council Nominee
2	Dr A Kannammal, Ph.D.,	Associate Professor/ ECE PSG College of Technology, Avinashi Rd, Peelamedu -641004 Coimbatore	Academic Council Nominee
3	Mr.M.Chinnathambi, M.E.,	Technical Lead Viasat India, Chennai	Industrial Expert
4	Ms.A.Anto Amala, M.E.,	Associate Staff Engineer Samsung Semiconductor India Research, Laxmi Sagar Layout, Mahadevapura, Bengaluru, Karnataka	Alumni

Internal Faculty Members of BoS			
S.No.	Name of the Faculty	Designation	Signature
1	Dr.R.Suresh Babu	Professor & Head	R.S. - Babu
2	Dr.T.Pandiselvi	Associate Professor	T.P. Pandiselvi
3	Dr.N.M.Mary Sindhuja	Associate Professor	N.M. Sindhuja
4	Dr.T.Prathiba	Assistant Professor	T. Prathiba
5	Mrs.C.Nagavani	Assistant Professor	C. Nagavani
6	Mr.P.Aravind	Assistant Professor	P. Aravind
7	Mr.R.Ashok	Assistant Professor	R. Ashok
8	Mrs.M.Stella Mercy	Assistant Professor	M. Stella Mercy
9	Mr.S.Alwyn Rajiv	Assistant Professor	S. Alwyn Rajiv
10	Mrs.P.Ramalakshmi	Assistant Professor	P. Ramalakshmi
11	Mr.R.Rajprabu	Assistant Professor	R. Rajprabu
12	Mrs.P.Muthumari	Assistant Professor	P. Muthumari

008.01.00 : Welcome address by HoD

➤ Welcome address

008.02.00 : Approval of 7th BoS Meeting Minutes & Action taken

Item No.	Suggestions of BoS Members in 7 th BoS Meeting	Action Taken
1.	Dr.M.Sabarimalai Manikandan Ph.D., suggested that in Fundamentals of Electronic Devices and Circuits subject instead of wave shaping circuits, include linear Integrated circuits using op-amp with the topics of Integrator, Differentiator, differential amplifier and Instrumentation amplifier.	Linear Integrated circuits using op-amp with the topics of Integrator, Differentiator, differential amplifier and Instrumentation amplifier were included.
2.	Dr.M.Sabarimalai Manikandan Ph.D., insisted to frame the new course as combine as follows. Instead of Unit I, Unit III contains special diodes. Add Basics of Digital Electronics as Unit V can be included with the topics of combinational and sequential circuits. For the digital electronics unit the text book "Digital Fundamentals" authored by, Thomas L. Floyd may be included.	In Fundamentals of Electronic Devices and Circuits subject, Basics of Digital Electronics as Unit V can be included with the topics of combinational and sequential circuits added. For the digital electronics unit the text book "Digital Fundamentals" authored by, Thomas L. Floyd is included
3.	Dr.M.Sabarimalai Manikandan Ph.D., suggested that Telecommunication Network Management course may be replaced with "Sensors and Wireless Technologies" course because Telecommunication Network Management course is the outdated one.	As per the member's suggestion, Network Management course replaced with "Sensors and Wireless Technologies". It is also approved by BoS members.
4.	Dr.M.Sabarimalai Manikandan Ph.D., and Dr.E.S.Gopi, Ph.D., suggested that VLSI Design course is tough for other department students. So, they insisted to change the course as MEMS & VLSI.	As per the member's suggestion, VLSI Design Course changed to MEMS & VLSI Design

5.	Dr.M.Sabarimalai Manikandan Ph.D., suggested to change the Industrial IoT and Industry 4.0 course title into Industry 4.0. Unit I title is changed as Introduction to Industry 4.0. Unit II may be based on IoT Components. Unit III Security Systems is about autonomous vehicles. Unit IV may be Data Analytics and Imaging Systems.	Industrial IoT and Industry 4.0 course title changed into Industry 4.0. As the member's suggestion the unit contents were modified.
6.	Dr.M.Sabarimalai Manikandan Ph.D., insisted to combine Unit I and Unit II. He modified the syllabus and add suggested to include some topics in Unit II. Rangaraj M Rangayyan, 'Biomedical Signal Analysis-a case-study approach' may be included as one of the reference books	Medical Electronics subject Unit I & II combined. Some topics included in Unit II. Rangaraj M Rangayyan, 'Biomedical Signal Analysis-a case-study approach' included as one of the reference book.

BoS members approved the action taken in 7th BoS Meeting Minutes.

008.03.00 : Discussion and approval of the following items.

008.03.01 : One Credit subjects

Name of the Course	Suggestions from BoS members
Embedded C Programming, testing and development	Dr.A.Kannammal, Ph.D., suggested that overview of Embedded systems may be replaced with review of programming. Dr.A.Kannammal, Ph.D., suggested that, decide this course will be offered to either third year or final year. Mr.M.Chinnathambi suggested that evaluate this course by GCC compiler , it is available as open source.
VLSI Design	Dr.A.Kannammal, Ph.D., suggested that subject title need to be changed because students studied VLSI design subject. Mr.M.Chinnathambi suggested that cadence tool is enough to evaluate this course. Dr.A.Kannammal, Ph.D., and Mr.M.Chinnathambi suggested that the course name is changed to RF based VLSI design for mobile chip set.

BoS members approved the above two courses.

008.03.03 : List of NPTEL Courses (equivalence) offered for the students in Honours / Minor degree / alternative to professional elective courses

NPTEL COURSE	Equivalent Professional elective course
Data Analytics with Python	Data Analytics and Visualization
Introduction To Industry 4.0 And Industrial Internet of Things	Industrial IoT
Deep Learning	Introduction to Deep Learning
Optical Engineering	Optical Communication
Sensors and actuators	Sensors and Control Systems
Computer Vision	Computer Vision
Introduction To Internet Of Things	Internet Of Things
Microwave Engineering	Microwave Engineering
Digital Image Processing	Digital Image Processing
Pattern recognition and Application	Pattern recognition and Computational Intelligence

BoS members approved the above NPTEL courses.

008.04.00 : Items for Ratification

008.04.01 : Changes or Corrections in the existing Curriculum of R2021

Existing	Corrections required and specify the reasons
VEC331 & Antenna Design (TCP) & R2021	Lab requirements reduced due to minimum number of students only take this course as a Professional Elective.

008.04.02 : NPTEL Examination results (students performance) and action taken for the students who did not receive the certificates

- Students have to complete two 3 credits courses mandatorily for R2020 curriculum.
- Total Number of students - 61
- 2 Courses Completed - 58
- 1 Course Completed - 2
- No Courses completed-1

Sl. No	Course Id	Course Title	Offered Institute	No. of Students Registered	No. of Students attended	No. of Students passed	No. of Students failed	Pass %
1	noc23-hs145	Soft Skills	IIT Roorkee	12	12	10	02	83.33
2	noc22-CS96	Introduction to Internet of Things	IIT, Kharadpur	29	29	29	-	100
3	noc23-cs108	The joy of Computing using Python	IIT Ropar	04	04	03	01	75

Action Plan

- Re-examination will be conducted for failures by our institution from 18.04.2024 onwards.
- Mentors are assigned to monitor & help the students.

BoS members ratified the result and action plan.

008.04.03 : Curriculum feedback and action taken if any

- Collected the curriculum feedback from the students and action plan is being carried out.
- **We have received the positive response under the following criteria**
 - Sequence of the Courses provided in the curriculum is good.
 - The institute's laboratory and equipment ambience are opt for practical exposure
 - The skills acquired from the curriculum to face the industry challenges/requirements is good.
 - The efficiency of the curriculum in developing analytical and problem solving skills are better.
 - Appropriateness of the curriculum and syllabus content for student placement/ higher education are remarkable.

BoS members ratified the curriculum feedback report and its action taken.

008.04.04 : Value Added Courses offered - ratification required if any

The following are the value added courses conducted for the II year students in the academic year 2023-2024.

S. No.	Course Name	Resource Person	Participants	Date
1.	Value Added Course on Full Stack Development	Mr.Nitheswaran Mr.Mathan Quantanics Tech Serv Ltd, Madurai	II ECE – 30 students	12 th February 2024 to 17 th February 2024
2.	Value Added Course on Embedded IoT with Node MCU and Raspberry Pico	Mr.R.Ramachandran, Pantech eLearning Pvt Ltd.,	II ECE – 32 students	12 th February 2024 to 17 th February 2024

BoS members ratified the value added courses conducted.

008.05.00: Reporting Items

Item No.	Description	Reported to BoS Members																												
008.05.01	Number of students doing Honours / Honours with Specialization / Minors and its respective courses - Results	<p>The HOD Presented the number of students doing Honours/ Honours with specialization/ Minors and its results</p> <table border="1"> <thead> <tr> <th>Subject code</th> <th>Subject Name</th> <th>No. of Students</th> <th>Pass %</th> </tr> </thead> <tbody> <tr> <td>VEC315</td> <td>IC Manufacturing and Packaging</td> <td>19</td> <td>100</td> </tr> <tr> <td>VEC345</td> <td>Wireless Technologies (TCP)</td> <td>11</td> <td>100</td> </tr> <tr> <td>VEC312</td> <td>Analog VLSI Design</td> <td>10</td> <td>100%</td> </tr> <tr> <td>VEC341</td> <td>Sensors and Control Systems</td> <td>2</td> <td>100%</td> </tr> <tr> <td>MCS101</td> <td>Fundamentals of Data Structures</td> <td>13</td> <td>100%</td> </tr> <tr> <td>MCS102</td> <td>Database Essentials</td> <td>13</td> <td>100%</td> </tr> </tbody> </table> <ul style="list-style-type: none"> BoS members appreciated the students' performance in end semester examinations. 	Subject code	Subject Name	No. of Students	Pass %	VEC315	IC Manufacturing and Packaging	19	100	VEC345	Wireless Technologies (TCP)	11	100	VEC312	Analog VLSI Design	10	100%	VEC341	Sensors and Control Systems	2	100%	MCS101	Fundamentals of Data Structures	13	100%	MCS102	Database Essentials	13	100%
Subject code	Subject Name	No. of Students	Pass %																											
VEC315	IC Manufacturing and Packaging	19	100																											
VEC345	Wireless Technologies (TCP)	11	100																											
VEC312	Analog VLSI Design	10	100%																											
VEC341	Sensors and Control Systems	2	100%																											
MCS101	Fundamentals of Data Structures	13	100%																											
MCS102	Database Essentials	13	100%																											
008.05.02	Student Internship Completion details R2021	<p>The HOD shared the statistical data of the student internship/ Inplant training details for R2021</p> <ul style="list-style-type: none"> - All the 60 Students of III ECE (R2021) have completed - All the 63 Students of II ECE must complete 																												

		their internship during June 2024
008.05.03	Pass Percentage of students	<p>The HOD Presented the Pass percentage year wise and course wise for the academic year 2023-2024 (ODD).</p> <p>II Year- Pass percentage -84.12%</p> <p>III Year- Pass percentage – 93.33%</p> <p>IV Year- Pass percentage – 95.08%</p> <ul style="list-style-type: none"> • BoS members appreciated the students' performance in end semester examinations.
008.05.04	Value Added Courses offered / Planned for the academic year 2024 - 2025	<p>The HOD Presented the Value added course planned for II year students for the academic year 2024-2025.</p> <ol style="list-style-type: none"> 1. Deep Learning 2. The Internet of Things using LoRaWAN Technology 3. Machine Learning using Python
008.05.05	NBA eSAR / status / compliance preparation and its information	<p>The HOD Happily shared the External Academic Audit information</p> <p>External Expert :Dr.K.Lakshmi, Professor and IQAC Head / EEE, KSR College of Engineering, Tiruchengode.</p> <p>Date : 15.03.2024</p> <p>Expert Comments:</p> <ul style="list-style-type: none"> • Suggested to have the GATE questions (MCQ) in the question paper, Also suggested to maintain the GATE question bank. • Appreciated the internal assessment question paper system. • Appreciated the report of value added courses and student internship.

008.06.00 : Any other Items

- HoD happily shared the department, student and faculty achievements with the BoS members.
- Next BoS Meeting is tentatively scheduled on October 2024.

008.07.00 : Vote of Thanks

- The meeting ended with the Vote of Thanks by Dr.T.Prathiba, Assistant Professor, Department of Electronics and Communication Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.

P. Muthumari
16/11/24
BoS Coordinator
Mrs.P.Muthumari

R.S - Babu
16/11/24
BoS Chairman
Dr.R.Suresh Babu
HoD / ECE

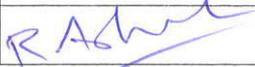
Department of Information Technology

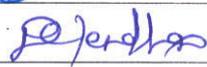
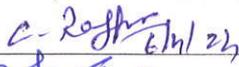
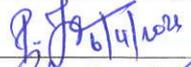
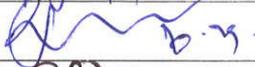
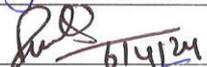
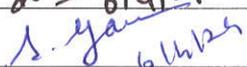
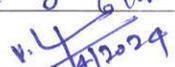
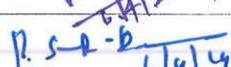
Eighth BoS Meeting Minutes

Date : 06.04.2024
 Time : 02:30 p.m.
 Link : <https://shorturl.at/bkt25>

S.No.	Name of the Expert	Designation	Capacity
1	Dr. P. Chithra	Professor & Head, Department of Computer Applications, Thiagarajar College of Engineering, Madurai	Anna University Nominee
2	Dr. Rajeswari Sridhar	Professor, Department of Computer Science and Engineering, National Institute of Technology, Tiruchirappalli - 620015	Academic Council Nominee
3	Dr. S. Sankari	Professor Department of Information Technology Sri Sai Ram Engineering College, West Tambaram, Chennai.	Academic Council Nominee
4	Mr. E. Hari Prasath	Subject Matter Expert, L & T Ltd., Coimbatore.	Industrial Expert
5	Mr. P. Venkatesh	Managing Director Cloudb Software Solutions Private Limited, Virudhunagar.	Alumni

The following members were present:

Internal Faculty Members of BoS			
S.No.	Name of the Faculty	Designation	Signature
1.	Dr. E. Vakaimalar	Associate Professor & Head	
2.	Dr. R. Aghila	Professor	

3.	Dr. R. Arthy	Assistant Professor	
4.	Ms. V. Deepa Priya	Assistant Professor	
5.	Mr. D. Vendhan	Assistant Professor	
6.	Mr. C. Rajkannan	Assistant Professor	 C. Rajkannan 6/11/24
7.	Ms. P. Kaviya	Assistant Professor	 P. Kaviya 6/14/24
8.	Mr. G. H. Ram Ganesh	Assistant Professor	 G. H. Ram Ganesh 6-13-24
9.	Ms. P. Mahalakshmi	Assistant Professor	 P. Mahalakshmi 6/14/24
10.	Ms. S. Gayathri	Assistant Professor	 S. Gayathri 6/14/24
11.	Ms. V. Gayathri	Assistant Professor	 V. Gayathri 6/14/24
12.	Ms. R. Saranya Priyadharshini	Assistant Professor	 R. Saranya Priyadharshini 6/14/24

008.01.00 : Welcome address by HoD

- Dr. E. Vakaimalar, Associate Professor and Head welcomed the Board of Studies members.

008.02.00 : Approval of 7th BoS Meeting Minutes & Action taken

Item No.	Suggestions of BoS Members in 7 th BoS Meeting	Action Taken
1	To reframe the syllabus of "Problem Solving Techniques".	The syllabus has been reframed.
2	Emphasize to include Object Oriented Programming concepts in the course "Principles of Programming Language".	Object Oriented Programming concept is included as Unit III in the Principles of Programming Language course.
3	To cover the concepts of some software/tools/language like Autocad, Matlab, R programming that is required for the non-circuit branch students in the course "Principles of Programming Language"	R programming is included as Unit V in the Principles of Programming Language course.
4	To split the course into two different courses or focus on the content that can be covered in 30 hours.	Machine Learning and Deep Learning Techniques course is changed as Machine Learning Algorithms.

- The BoS Coordinator Dr. R. Arthy, AP/IT presented the approval of 7th BoS meeting.
- The BoS members approved the changes.

008.03.00 : Discussion and approval of

008.03.01 : One Credit subjects

- The BoS coordinator presented the list of one credit subjects that can be offered to the students.
- She also mentioned that this course will be handled by the Alumni.
- Dr. Rajeswari Sridhar and Mr. E. Hari Prasath, suggested to have “IT Project Management” or “Cloud Security”.
- Mr. P. Venkatesh in-addition suggested to give “Automation Testing”.

008.03.02 : Over & above credits under EM category (Internships, Skill Development Programme etc.,)

- The BoS coordinator pointed out the provision in the regulation 2021 for a student to earn over and above total credit.
- This can be earned by undergoing an internship for 1 or more than 1 week, or doing 15 hours of value added courses.

008.03.03 : List of NPTEL Courses (equivalence) offered for the students in Honours / Minor degree / alternative to professional elective courses

NPTEL COURSE	Equivalent Professional elective course
Introduction to Internet of Things Prof. Sudip Misra IIT Kharagpur 12 Weeks	VIT313 – Internet of Things: Principles and Paradigm
Block chain and its Application Prof. Sandip Chakraborty, Prof. Shamik Sural IIT Kharagpur 12 Weeks	VIT317 – Block chain Technologies and its Applications
Natural Language Processing Prof. Pawan Goyal IIT Kharagpur 12 Weeks	VIT335 – Natural Language Processing

- Dr. R. Arthy presented the NPTEL courses and its equivalent professional elective courses.
- Dr. S.Sankari advised to check the relevance of the courses.

008.04.00 : Items for Ratification

008.04.01 : Changes or Corrections in the existing Curriculum of R2021

Existing	Corrections required and specify the reasons
IT2302 – Artificial Intelligence – R2021	The BoS coordinator mentioned the following corrections in the syllabus: <ul style="list-style-type: none">➤ Removal of the topic “Propositional Logic: Syntax and Semantics – Inference in

	<p>Propositional Logic” from Unit III and “Learning from Examples” from Unit V</p> <p>Dr. Rajeswari Sridhar, suggested not to remove “Propositional Logic” from Unit III and removal of the topic “Learning from Examples” from Unit V is approved.</p> <p>All the BoS members agreed the same.</p>
VIT334 – Machine Learning Algorithm – R2021	<p>Shifting the topic “ID3” from Unit IV to Unit III since this comes along with “Decision Tree” concept.</p> <p>BoS members approved the same.</p>
VIT312 – Cloud Computing – R2021	<p>Exclusion of an experiment “Implement PaaS using Amazon Web Services”, since it requires paid AWS service.</p> <p>Dr. Rajeswari Sridhar suggested to implement the same using any simulator like CloudSim.</p> <p>Mr. E. Hari Prasath suggested to create a AWS account for college which provides free services for students.</p> <p>All the BoS members agreed the same.</p>

008.04.02 : NPTEL Examination results (students performance) and action taken for the students who did not receive the certificates

- The BoS coordinator recorded that the students are supposed to complete 2 courses of 12 weeks to earn 6 credits in R2020.
- She also explained that 42 students have completed both the courses and 06 students have completed 1 course.
 - She registered that the students who have not passed the course will appear for the exam on 18.04.2024 scheduled by CoE.
- The BoS members approved the action plan.

008.04.03 : Curriculum feedback and action taken if any

- Curriculum feedback has been received the faculty members and students.
- Faculty members and students have appreciated the organization of the courses, coverage of concepts, relevance of theory and laboratory courses, learning materials.
- Based on the suggestions given by the faculty members the ratification for the modification of syllabus was presented in the BoS meeting.

008.04.04 : Value Added Courses offered - ratification required if any

- The BoS coordinator Dr. R. Arthy reported that 35 students of II IT had undergone the value added course on “Web Application using JAVA Programming”, students of II IT undergone the course on “Reconnoitre C Programming” and 30 students of II IT had undergone the course on “Python for Data Science” from 12.02.2024 to 17.02.2024.
- The BoS members approved the same.

008.04.05 : Minor Degree Courses - ratification (Computing Technology)

- The ratification for the syllabus in the course Fundamentals of JAVA Programming (MCS103) was presented by BoS coordinator.
- She mentioned that the course was theory cum laboratory but the course was converted to theory by change the number of hours for each unit from 6 to 9.
- All the BoS members, suggested retain the theory cum laboratory structure since it is a programming paper.

008.05.00: Information about the (Points Discussed in the following)

Item No.	Description	Suggestions / Comments from the BoS Members						
008.05.01	Number of students doing Honours / Honours with Specialization / Minors and its respective courses - Results	<p>The BoS coordinator presented the number of students doing Honours/ Honours with specialization/ Minors and its respective courses.</p> <table border="1"> <thead> <tr> <th>Number of Students doing Honours</th> <th>Number of Students doing Honours with Specialization</th> <th>Number of Students doing Minors</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>14</td> <td>5</td> </tr> </tbody> </table>	Number of Students doing Honours	Number of Students doing Honours with Specialization	Number of Students doing Minors	10	14	5
Number of Students doing Honours	Number of Students doing Honours with Specialization	Number of Students doing Minors						
10	14	5						
008.05.02	Student Internship Completion details R2021	<p>The BoS coordinator shared the statistical data of the student internship details for R2021.</p> <ul style="list-style-type: none"> ➤ 64 students of III year IT attended the internship. 						
008.05.03	Pass Percentage of students	<p>The BoS coordinator presented the Pass percentage year wise and course wise. BoS members appreciated the progress of the student.</p>						
008.05.04	Value Added Courses offered / Planned for the academic year 2024 - 2025	<p>The BoS coordinator presented the Value added course offered during the academic year 2023 – 2024 EVEN.</p> <p>The value added course for the next academic year will be mailed and will get the consent from the BoS members through mail.</p>						
008.05.05	NBA eSAR / status / compliance	<p>The BoS coordinator shared that the compliance for the NBA accreditation visit</p>						

preparation and its information

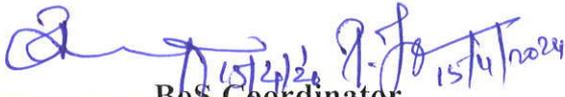
was completed on 24.03.2024.

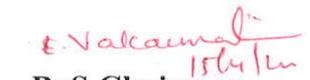
008.06.00 : Any other Items

- Placement statistics was presented to the BoS members.

008.07.00 : Vote of Thanks

- The meeting ended with the Vote of Thanks by Dr. R. Arthy, Assistant Professor, Department of Information Technology, Kamaraj College of Engineering and Technology, Virudhunagar.


BoS Coordinator
(Dr. R. Arthy & Ms. P. Kaviya)


BoS Chairman
(Dr. E. Vakaimalar)
HoD / IT



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

Department of Electrical and Electronics Engineering

Eighth BoS Meeting Minutes

Date : 06.04.2024

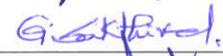
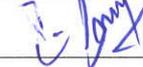
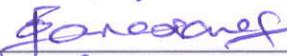
Time : 10.00 AM

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S.No.	Name of the Expert	Designation	Capacity
1	Dr. K. Selvi	Professor, Department of Electrical and Electronics Engineering, Thiagarajar College of Engineering, Madurai.	Anna University Nominee
2	Dr.S.Senthil Kumar	Associate Professor, EEE National Institute of Technology, Tiruchirappalli.	Academic Council Nominee
3	Dr.S.Albert Alexander	Associate Professor, School of Electrical Engineering, Department of Energy and Power Electronics, VIT, Vellore.	Academic Council Nominee
4	Mr.S.Sivakumar	Project Manager, M/S Green Solar Technology, Madurai.	Industrial Expert
5	Mrs.S.Swathika	Associate Engineer, Randstad Technology, Caterpillar India Private Limited, Chennai.	Alumni

The following members were present:

Internal Faculty Members of BoS

S. No.	Name of the Faculty	Designation	Signature
1.	Dr.D.Prince Winston	Professor and Head EEE	
2.	Dr.B.Gurukarthik Babu	Assistant Professor/EEE	
3.	Dr.G.Sakthivel	Assistant Professor/EEE	
4.	Mr.R.Ganesan	Assistant Professor/EEE	
5.	Dr.K.Ganesan	Assistant Professor/EEE	
6.	Mr.S.Jegan	Assistant Professor/EEE	
7.	Mr.T.Hari Prasath	Assistant Professor/EEE	

008.01.00 : Welcome address by HoD

- Dr.D.Prince Winston, Professor and Head, department of Electrical and Electronics Engineering welcomes the BoS Members.

008.02.00 : Approval of 7th BoS Meeting Minutes & Action taken

VII Semester

Name of the Course	Suggestions from BoS members	Action Taken
Renewable Energy Systems	<p>Dr.S.Albert Alexander enquired about the CO level and suggested to check the K-level based on the syllabus. Unit 1 can be given as introduction of Power Electronics. Solar PV and Thermal can be separated as two units.</p> <p>Dr.K.Selvi enquired about the CO4 and the topics related to hydro thermal. Also suggested to keep the K-level up to K3. The book written by Kilbert Masters can be added in the text book.</p> <p>Unit 4 can be kept in K2 level</p> <p>Dr.S.Senthilkumar suggested to check the text and reference books that cover all the topics. He also insisted to reduce the contents of the syllabus.</p> <p>Er.S.Sivakumar suggested to include case studies such as on grid/off grid solar PV, solar pump, solar street</p>	<p>Co Level Checked and Changed.</p> <p>Solar PV and Solar Thermal System are given in separate unit.</p> <p>The book written by Kilbert Masters is added in text book list.</p> <p>Application of SPV are added in Unit 4</p>

	light, solar fencing. Industry standards can also be included.	
Renewable Energy System Laboratory	Dr.S.Albert Alexander suggested that Ex4 title has to be checked/changed as standalone and/or grid connected. He suggested that no need to mention the simulation or experiment in the Title and only title alone is enough. Ex 11: Safety procedure has to be followed. Dr.K.Selvi enquired the infrastructure facilities to conduct the experiments. Dr. D. Prince explained about the facilities. Er.S.Swathika suggested to include the experiments related to fault analysis in the solar PV system using MATLAB.	-
Mini project	Dr.S.Albert Alexander enquired that will it be industrial project/in house project? Dr. D. Prince explained that it depends on the students' choice. Dr.K.Selvi enquired about the phases of projects. Whether is it extended to main project? Dr. D. Prince explained that it depends on the students' choice and nature of the project. Dr.S.Senthilkumar suggested to increase K-Level.	K-level has been modified and the mini project has been included in semester 6.

VIII Semester

Name of the Course	Suggestions from BoS members	Action Taken
Project Work	Dr.S.Senthilkumar suggested to increase K-Level.	K-level has been modified

007.03.03: List of Open Elective 1, 2, 3 & 4 courses offered

Name of the Course	Offered to	Suggestions from BoS members	Action Taken
Renewable Energy Sources	CSE/AIDS/ IT/ECE	The syllabus has been approved.	-
Disaster Management	CSE/AIDS/ IT/ECE	Dr.S.Albert Alexander suggested that OE should focus on employability of the students. Courses like Embedded system Design of controllers, Digital	-

		system design Electrical machine design can be added. Survey can be conducted among other dept. students and passed out students for the courses.	
Battery and Energy Storage Technologies	All dept. except EEE	Dr.S.Alber Alexander suggested that the Fuels on Fuel cell can be removed. Advantages and applications can be moved to last. Unit 4 PV system, can be removed Unit 5 can be moved to Unit 4 and it can be Energy storage system for EV	Fuels on Fuel cell has been removed. Applications are moved to the end. Energy storage system for EV is changed as Unit 4.
Energy Conservation and Management	All dept. except EEE	Dr.S.Albert Alexander suggested that the specific types need to be specified in Unit 1. BEE content can be included. Dr.K.Selvi suggested to add up energy saving opportunities. Er.S.Sivakumar suggested to include Energy Audit Instruments and its operation.	BEE and star rating has been included in Unit 4

- The BoS Members approved the Minutes of 7th BoS meeting held on 30.09.2023 and the action taken thereof.

008.03.00 : Discussion and approval of

008.03.01 : One Credit subjects

The following one credit courses and the syllabus have been discussed in the meeting.

- Solar Photovoltaic System Installation
- Operation and Maintenance of Electrical Equipment

The members suggested to include the text book titled Operation and Maintenance of Electrical Equipment by B V S Rao.

008.03.02 : Over & above credits under EM category (Internships, Skill Development Programme etc.,)

Dr.D.Prince Winson discussed about the students internship, Value added courses and their credits for the same.

008.04.00 : Items for Ratification**008.04.01 : Changes or Corrections in the existing Curriculum of R2021**

Existing	Corrections required and specify the reasons
EE2257 - DC MACHINES AND TRANSFORMERS LABORATORY R2021	In the list of equipment for a batch of 30 students S. No. 9. is given as DC Shunt Motor Coupled With DC Shunt Motor The above is rewritten as DC Shunt Motor Coupled With DC Shunt Generator

008.04.02 : NPTEL Examination results (students performance) and action taken for the students who did not receive the certificates

Sl. No	Course Id	Course Title	Offered Institute	No. of Students Registered	No. of Students Attended	No. of Students Passed	No. of Students Failed	Pass Percentage
1	noc23-hs155	Environmental Science	IIT Kharagpur	25	25	18	7	72
2	noc23-hs145	Soft Skill	IIT Kharagpur	7	7	3	4	42.8
3	noc23-hs151	Public Speaking	IIT Roorkee	2	2	2	0	100
4	noc21-cs76	Deep learning	IIT, Madras	1	1	1	0	100

Students who did not receive certificate from NPTEL will undergo the same examinations in objective type mode through the exam cell of our college.

008.04.03 : Curriculum feedback and action taken if any

- The members suggested to incorporate the suggestion and feedback from the stakeholders during the revision process of the curriculum and syllabus.

008.04.04 : Value Added Courses offered - ratification required if any

S. No.	Course Name	Duration	Offered Company	Year
1	ETAP	5 days [12.02.2024 to 16.02.2024]	Power Projects, Bangaluru	II

- Members enquired about the course handlers and Dr. D. Prince Winston replied that the course was handled by the experts from the industry

008.05.00: Information about the (Points Discussed in the following)

Item No.	Description	Suggestions / Comments from the BoS Members										
008.05.01	Number of students doing Honours / Honours with Specialization / Minors and its respective courses - Results	The HOD Presented the number of students doing Honours/ Honours with specialization/ Minors and its respective courses										
		<table border="1"> <thead> <tr> <th>Details</th> <th>Students' count</th> </tr> </thead> <tbody> <tr> <td>Number of students Eligible for registering Honour and Minor courses</td> <td>16</td> </tr> <tr> <td>Number of students doing honour courses (Offered by EEE Department)</td> <td>2</td> </tr> <tr> <td>Number of students doing minor courses (Computing Technology- offered by CSE/IT Department)</td> <td>13</td> </tr> <tr> <td>Number of students doing minor courses (Embedded Systems and Robotics- Offered by MTR Department)</td> <td>1</td> </tr> </tbody> </table>	Details	Students' count	Number of students Eligible for registering Honour and Minor courses	16	Number of students doing honour courses (Offered by EEE Department)	2	Number of students doing minor courses (Computing Technology- offered by CSE/IT Department)	13	Number of students doing minor courses (Embedded Systems and Robotics- Offered by MTR Department)	1
		Details	Students' count									
		Number of students Eligible for registering Honour and Minor courses	16									
		Number of students doing honour courses (Offered by EEE Department)	2									
Number of students doing minor courses (Computing Technology- offered by CSE/IT Department)	13											
Number of students doing minor courses (Embedded Systems and Robotics- Offered by MTR Department)	1											
008.05.02	Student Internship Completion details R2021	The HOD shared the statistical data of the student internship/ Inplant training details for R2021 All the 30 students had completed 15 days										

		internship and submitted the detailed report.
008.05.03	Pass Percentage of students	The HOD Presented the Pass percentage year wise and course wise.... II EEE – 81% III EEE – 93% IV EEE – 94.44%
008.05.04	Value Added Courses offered / Planned for the academic year 2024 - 2025	The HOD Presented the Value added course planned for the academic year : 2024-25 Tentative Title of the VAC: PSCAD Industry: Power Projects
008.05.05	NBA eSAR / status / compliance preparation and its information	The HOD Happily shared details of NBA visit for compliance Date of committee Visit: 15-09-2023 & 16-09-2023. Got an accreditation status from the academic year 2023-24 to 2025-26 (Up to 30-06-2026).

008.06.00 : Any other Items

008.07.00 : Vote of Thanks

- The meeting ended with the Vote of Thanks by Dr.K.Ganesan, Assistant Professor, Department of Electrical and Electronics Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.

**BoS Coordinator
(Dr.K.Ganesan)**

**BoS Chairman
(Dr. D. Prince Winston)
HoD / EEE**



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam -- 625 701 (Near VIRUDHUNAGAR).

Department of Biotechnology

Eighth BoS Meeting Minutes

Date :06-04-2024

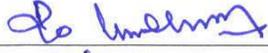
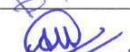
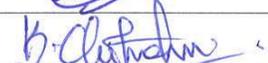
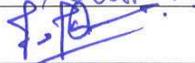
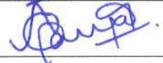
Time :09.30 AM

Mode :Online mode

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The following members were present:

S.No.	Name of the Expert	Designation	Capacity
1	Dr.S. Venkatesan	Professor & Head, Department of Petrochemical Technology, Bharathidasan Institute Of Technology (BIT) Campus, Tiruchirappalli- 620 024	Anna University Nominee
2	Dr. P.Suresh Kumar	Professor &Head, Department Of Biotechnology, University College Of Engineering, Bharathidasan Institute Of Technology Campus, Tiruchirappalli	Academic Council Nominee
3	Dr.R.Balakrishnaraja	Associate Professor and Head, Department Of Biotechnology, Bannari Amman Institute of Technology, Sathyamangalam	Academic Council Nominee
4	Mr. S. Seshan	Management Representative, The Peninsular Exports Company, Virudhunagar	Industrial Expert
5	Dr. Hanila IP	Assistant Professor National Institute of Technology Calicut, NIT Campus -- Calicut	Alumni

Internal Faculty Members of BoS			
S.No.	Name of the Faculty	Designation	Signature
1	Dr. R. Shyam Kumar	Professor and Head	
2	Dr.R.Baskaran	Associate Professor	
3	Dr. K. Geetha	Associate Professor	
4	Dr. S. Karthikumar	Associate Professor	
5	Dr. A. Ronaldo Anuf	Assistant Professor	
6	Dr. D.Pradiba	Assistant Professor	
7	Er. R. Amutha Lakshmi	Assistant Professor	
8	Er. K.Chitradevi	Assistant Professor	
9	Er. Karl Joseph Samuel	Assistant Professor	
10.	Er. A.Ganga	Assistant Professor	

008.01.00 :Welcome address by HoD

- Welcome address
- Dissemination of Vision and Mission statements of the Institution and the Department.
- Dissemination of PEO & PSO statements of the Program.

008.02.00 :Approval of 6th BoS Meeting Minutes & Action taken

Item No.	Suggestions of BoS Members in 6 th BoS Meeting	Action Taken
007.03.03	Dr. R. Balakrishnaraja, Academic Council Nominee suggested that Case study-based assignments can be assigned as activity. The course in charge justified that Out of the three assignments, one assignment is given as case study.	The suggestions provided by the experts were taken and changes were made in the appropriate syllabus
007.03.03	Dr. R. Balakrishnaraja, Academic Council Nominee suggested to include text book by Seader and Tatum	The suggestions provided by the experts were taken and changes were made in the appropriate

		syllabus
007.03.03	Dr. R. Balakrishnaraja, Academic Council Nominee Appreciated for including R – Programming. He also insisted to teach Theory content of R programming as one credit course. Alumni help may be sought in this regard.	One Credit Courses were introduced in the topic R-Programming for Biological Applications
007.03.03	Dr.R. Balakrishnaraja and Dr.Illanila IP, Alumni Representative suggested that the syllabus for Open Elective Course, Introduction to food manufacturing is too complex. It will be difficult for the students from other branches.	The suggestions provided by the experts were taken and changes were made in the appropriate syllabus
007.03.03	Dr.S. Venkatesan, Anna University Nominee and Dr.P.Suresh Kumar, Academic Council Nominee suggested that the syllabus of Basics of Nanobiotechnology, being an open elective, may be reduced to accommodate students from various branches.	The changes were done in the modified syllabus
007.03.03	Dr. Balakrishnaraja Suggested that Unit - 5 title of Basics of Nanobiotechnology can be reframed as Nanobiotechnology in Medicine.	The changes were done in the modified syllabus
007.05.04	Mr.S.Seshan. Industry Expert, suggested that, if feasible certification course related to ISO Internal Audit (Food safety management) can be handled for Final year students.	Efforts were taken to introduce it as one credit course

- All the BoS members approved the minutes of the 6th BoS meeting

008.03.00 : Discussion and approval of

008.03.01 :One credit subjects

Following courses were presented to the Board of studies members for approval and Discussion.

- Food Safety Management
 - Clinical Data Management
 - Protein Separation and Purification Technology
 - Bioreactor Modelling and Simulation
 - R Programming for Biological Data Analysis
- Dr. P. Suresh Kumar, enquired about the basis of courses selection.
 - The BoS Coordinator informed the members that the courses were selected based on the Industrial demands and the recent techniques used in the industries. He also highlighted that completion of above courses could also help the students during placement interviews
 - Dr. Hanila, Alumni Representative enquired whether the classes will be handled in offline or hybrid mode. She suggested to have the courses in hybrid mode as it would be easy to arrange experts for handling the sessions
 - Dr.P.Suresh Kumar suggested to introduce the course Artificial Intelligence in Computational Drug Design, as it is an emerging field and more number of market players like Accenture have entered in the field there is a scope of good opportunities for the students
 - The members of the Board accepted the courses and appreciated the efforts taken

008.03.02 : Over & above credits under EM category

- The Head of the Department presented the different avenues where the students are offered with over and above credit under EM category in the regulation R2021.
- The members of the Board accepted the same

008.03.03 : List of NPTEL Courses (equivalence) offered for the students in Honours / Minor degree / alternative to professional elective coursesThe NPTEL Coordinator of the Department, Mr.Karl Joseph Samuel, AP/BT presented the List of NPTEL courses and the equivalent professional elective courses.

NPTEL COURSE	Equivalent Professional elective course
Intellectual Property Rights in Biotechnology	Intellectual Property
Post Harvest Management and Value Addition	Post Harvest Operations and Processing of Fruits, Vegetables, Spices and Plantation Crop Products
Food Process Engineering	Fundamentals of Food Process Engineering

Principles of Food Preservation	Food Preservation Technology
Animal Biotechnology	Animal Biotechnology
Genomics and Proteomics	Introduction to Proteogenomics

008.04.00 : ITEMS FOR RATIFICATION

008.04.01 : Changes or Corrections in the existing Curriculum of R2020 and R2021

Name of the Course	Discussion
BT2203STOICHIOMETRY	<ul style="list-style-type: none"> ➤ Dr.R.Baskaran indicated few topics in Unit-I are very elaborate and can be removed from the syllabus ➤ The Anna University Nominee, Dr. Venkatesan, accepted the same ➤ Dr.R.Baskaran also indicated in Unit-3 the topic Application of Steam table is too elaborate and it can be removed ➤ Dr.Balakrishnaraja and Dr.Venkatesan suggested that the topic is important and problem solving is required in the topic. ➤ They suggested to introduce the topic as Problems in Application of Steam tables
BT2252 FLUID MECHANICS AND HEAT TRANSFER OPERATIONS	<ul style="list-style-type: none"> ➤ Dr.R.Baskaran indicated few topics are too complex and overlapping and shall be removed. ➤ The Board of Studies experts accepted the corrections indicated and permitted to remove the highlighted topics
BT2256 CHEMICAL ENGINEERING LABORATORY FOR BIOTECHNOLOGIST	<ul style="list-style-type: none"> ➤ Dr.R.Baskaran requested the members of the Board to include two experiments (Thermal Conductivity Of Saw Dust and Stefan Boltzman Constant) in syllabus. He also informed that the Pressure Drop experiments shall be conducted as Demo Experiments ➤ The members of the Board accepted the same
BT2352 IMMUNOLOGY	<ul style="list-style-type: none"> ➤ Dr.K.Geetha, presented the changes proposed in Immunology Syllabus. She suggested that based on the feedback received from the students, few topics shall be rearranged for better understand.All the members appreciated the syllabus and approved it.
BT2354-IMMUNOLOGY LABORATORY	<ul style="list-style-type: none"> ➤ Dr D.Pradiba requested the board to permit the inclusion of Immunoflouresnce topic based on the suggestions received from Industry Experts. ➤ Dr.P.Suresh Kumar appreciated and enquired the availability of Instrumentation facility for the same ➤ HoD informed the board of members that the facility is available in the Department

008.04.02 :NPTEL Examination results (students performance) and action taken for the students who did not receive the certificates

- IV Year B. Tech Biotechnology (2020-2024 Batch, R2020) has a mandatory 2 Online Courses for 6 Credits.
- 44 students of the total 48 students have completed the required two courses for six credits.
- Out of 48 students, 5 students have cleared with Elite+Silver, 11 Students have cleared with Elite Certificate

Roll No.	Name of the Students	Course ID	Course Name	No. of Weeks	Total Mark	Remarks
20UBT013	AKASH DEV.M.S	noc23-ag13	Soil Fertility And Fertilizers	12	83	Elite + Silver
20UBT045	HARSINI.S	noc23-ag13	Soil Fertility And Fertilizers	12	79	Elite + Silver
20UBT022	NITHYASREE.A	noc23-ag13	Soil Fertility And Fertilizers	12	78	Elite + Silver
20UBT024	ABINAYA.J	noc23-ag13	Soil Fertility And Fertilizers	12	78	Elite + Silver
20UBT040	GOWSALYA.K	noc23-ag13	Soil Fertility And Fertilizers	12	76	Elite + Silver
20UBT031	JOHN PAUL HUDSON.S	noc23-ag13	Soil Fertility And Fertilizers	12	73	Elite
20UBT010	RAVINA.R	noc23-ag18	Dairy And Food Process And Products Technology	12	66	Elite
20UBT021	SINDHUJA.S	noc23-ag13	Soil Fertility And Fertilizers	12	66	Elite
20UBT019	DEEJITH NAATIYAAL.M.S	noc23-ag13	Soil Fertility And Fertilizers	12	64	Elite
20UBT002	SUDHARSAN.M	noc23-ag13	Soil Fertility And Fertilizers	12	62	Elite
20UBT004	GIRITHARAN.S	noc23-ag13	Soil Fertility And Fertilizers	12	62	Elite
20UBT043	CERLICLADIYA.P	noc23-ag18	Dairy And Food Process And Products Technology	12	62	Elite
20UBT015	DINESH.R	noc23-ag13	Soil Fertility And Fertilizers	12	61	Elite
20UBT017	JASMINE KILDA.L	noc23-ag18	Dairy And Food Process And Products Technology	12	61	Elite
20UBT036	BOOJITHA.E	noc23-ag18	Dairy And Food Process And Products Technology	12	61	Elite
20UBT011	MOULI MONISHA.V	noc23-ag18	Dairy And Food Process And Products	12	60	Elite

		Technology			
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- The students who are short of required credits have been recommended to register for the examination organized by COE office. The Three-member committee recommended the course “Soil Fertility and Fertilizers” and Dr. S. Karthikumar, ASP/BT as the internal subject expert for the course. The question paper pattern is
 - Part – A ($10 \times 2 = 20$ Marks)
 - Part – B ($5 \times 16 = 80$ Marks)

008.04.03 :Curriculum feedback and action taken if any

- The feedback received from Students, Faculty and Alumni were shared with the BOS members. The action taken were appreciated by the members.
- Dr.Balakrishnaraja, Academic Council Nominee, enquired about the GATE Qualified Students data.
- BoS Coordinator discussed about the plan for launch of crash course modules for Competitive Exam preparation during the end of Seventh Semester exams.
- The members of the Board accepted the same.

008.04.04 :Value Added Courses offered – ratification if any

- HOD presented the details about the Industry Value added course offered for III Year students on the topic Algal Technology and applications(30 hours)during the current semester and requested for ratification.
- BoS Coordinator informed that it was planned to conduct a course titled “Algae for Health and Wealth” in the Previous BoS Meeting. In discussion with the industries a slight modification was done in the course and it was decided to conduct a course with the title “**Algal Technology and Applications**”
- Members of the board accepted the same

008.05.00:Information about the (Points Discussed in the following)

Item No.	Description	Suggestions / Comments from the BoS Members
007.05.01	Number of students doing Honours / Honours with Specialization / Minors and its respective courses	<ul style="list-style-type: none"> ➤ The HOD Presented the number of students doing Honours/ Honours with specialization/ Minors and its respective courses ➤ Members of the board enquired about the performance of the students enrolled in the Honours course.

		<ul style="list-style-type: none"> ➤ HoD informed that most of the students are performing well in the exams.
007.05.02	Student Internship Completion details	<p>The HOD shared the statistical data of the student internship/ Inplant training details for R2021</p> <ul style="list-style-type: none"> ➤ 100% of the students from R2021 completed the Internship of 15 days duration.
007.05.03	Pass Percentage of students	<ul style="list-style-type: none"> ➤ The Chairpersons Presented the Pass percentage yearwise and course wise. ➤ The BOS members appreciated the results of the students.
007.05.04	Value Added Courses offered/ Planned for the academic year: 2023 – 2024	<p>The HOD Presented the Value added course planned for the academic year: 2024-2025</p> <p>The following courses were planned for Current Second year Students</p> <ul style="list-style-type: none"> ➤ <i>Value Added Course on Preclinical Research Methodology</i> ➤ <i>Value Added Course on Algal Applications and Technology</i> <p>The Value added courses Coordinators shared that for final years “One-week hands on training related to laboratory techniques” (Finishing School Concept) will be conducted.</p>
007.05.05	NBA eSAR / status /compliance preparation and its information	<ul style="list-style-type: none"> ➤ The HOD shared the details regarding the Visit by NBA expert committee. ➤ The strength and Weakness pointed out by the NBA committee was shared with the BoS Members

008.06.00 : Any other Item

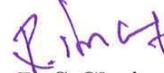
- The HoD presented the developments in the Department in terms of Research and Development regarding the total amount of Grant Received from MSME Hackathon and the progress of the Project Proposal (First level Scrutiny) Submitted to DBT by Dr. R. Shyam Kumar and Dr. K.Geetha
- The HoD also shared details regarding the achievements of students in Niral thiruvizha and E-Yuva competition organized by BIRAC
- The members of the board appreciated the efforts taken by the Department.

008.07.00 :Vote of Thanks

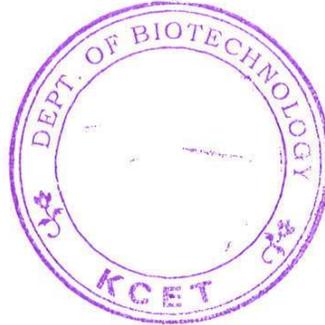
- The meeting ended with the Vote of Thanks by Dr.K.Geetha,Associate Professor,
Department of Biotechnology, Kamaraj College of Engineering and Technology,
Virudhunagar.



BoS Coordinator
(Dr.A.Ronaldo Anuf)



BoS Chairman
(Dr.R.Shyam Kumr)
HoD /BT

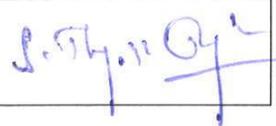


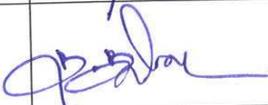
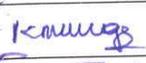
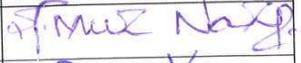
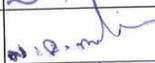
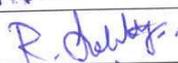
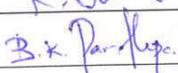
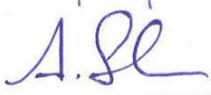
Department of Mechanical Engineering
Eighth BoS Meeting Minutes

Date : 06.04.2024
Time : 9.30 am to 11.30 am
Link : <http://surl.li/rvrsz>

S.No.	Name of the Expert	Designation	Capacity
1	Dr. S.Supriya, M.E.(Engg. Design),MISTE,Ph.D.	Professor (CAS) & Head of the Department, Government College of Engineering Tirunelveli – Tamilnadu	Anna University Nominee
2	Dr.S.Denis Ashok, M.E., Ph.D.	Professor Higher Academic Grade, Design & Automation Department, School of Mechanical Engineering, Vellore Institute of Technology, Vellore – 632014.	Academic Council Nominee
3	Dr.V.Anandkrishnan, M.E., Ph.D.	Professor/Production Engineering, National Institute of Technology, Tiruchirapalli	Academic Council Nominee
4	Mr.N.Vijayakumar, M.E	Deputy General Manager, Mahindra General Manager, Mahindra Research Valley, Mahindra & Mahindra, Chennai	Industrial Expert
5	Mr.P.Maniraj, M.E	Software Engineer, Altair Engineering India Pvt Ltd., Chennai	Alumni

The following members were present:

Internal Faculty Members of BoS			
S.No.	Name of the Faculty	Designation	Signature
1.	Dr.S.Thangakasirajan	Associate Professor & Head / MECH – Convener	

2.	Dr.S.Senthil	Professor & Principal / MECH	
3.	Dr. M. Prithiviraj	Assistant Professor / MECH	
4.	Dr. B. Balavairavan	Assistant Professor / MECH BoS Coordinator	
5.	Dr. K. Muruganathan	Assistant Professor / MECH	
6.	Dr. S. Muthu Natarajan	Assistant Professor / MECH	
7.	Mr. D. Palani Kumar	Assistant Professor / MECH	
8.	Mr. N. R. Madhan	Assistant Professor / MECH	
9.	Mr.R.Sakthivelmurugan	Assistant Professor / MECH	
10.	Mr. B. K. Parrthipan	Assistant Professor / MECH	
11.	Mr. A. Sankara Narayana Murthy	Assistant Professor / MECH	

008.01.00 : Welcome address by HoD

- Dr.S.Thangakirajan, HOD (Department of Mechanical Engineering) welcomed all the expert members of the Board of studies and Faculty members of the Department of the Mechanical Engineering to the 8th BOS meeting.

008.02.00 : Approval of 7th BoS Meeting Minutes & Action taken

- HoD /Mech has given brief presentation of minutes of the 7th BoS meeting held on September 30 , 2023 submitted for approval and action taken report of the 7th BoS meeting The action taken report is given below.

Item No.	Suggestions of BoS Members in 7 th BoS Meeting	Action Taken
BOS 007.04.01	Dr.V.Anandkrishnan, suggested to add specific application in unit – 4 and insisted to add data transfer interfaces in unit -5 for the course ME 2402 - Mechatronics and IoT	As per the suggestion, the Corrections were incorporated in the course ME 2401-Mechatronics and IoT.
BOS 007.04.01	The following suggestions given for the course ME 2402-Computer Integrated Manufacturing course. ➤ Dr. S.Supriya suggested to swap the	As per the suggestion, all the Corrections were incorporated in the course ME2402-Computer Integrated Manufacturing.

	<p>unit – 2 to unit – 5</p> <ul style="list-style-type: none"> ➤ Dr.S.Denis Ashok insisted to change the Unit – 5 title as automated material handling system. ➤ Mr.P.Maniraj suggested to add introduction to inventory - pull - push system – inventory control system. ➤ Dr.V.Anandakrishnan suggested to include types of inventory. 	
BOS 007.04.01	<p>Dr.V.Anandakrishnan suggested to change the Quality vs reliability as Quality – reliability in the course GE2492 – Total Quality Management.</p>	<p>As per the suggestion, the Correction was incorporated in the course GE2492–Total Quality Management.</p>
BOS 007.04.01	<p>The following suggestions were given for Simulation and Analysis Lab.</p> <ul style="list-style-type: none"> ➤ Mr.P.Maniraj and Dr. S.Supriya suggested to incorporate numerical experiments based on DOE. ➤ Dr.V.Anandakrishnan opinioned to include magnet simulation and Study of multi physics analysis for electromagnetic systems in this laboratory course. 	<p>As per the suggestion, the Correction was incorporated in the Simulation and Analysis Lab.</p>
BOS 007.04.01	<p>The following suggestion given for ME 2403- Computer Integrated Manufacturing Laboratory.</p> <ul style="list-style-type: none"> ➤ Dr.V.Anandakrishnan suggested to include NX CAD, computer aided welding. ➤ Dr.S.Denis Ashok suggested to incorporate Inspection using Machine Vision System (using 	<p>As per the suggestion, the Corrections were incorporated in the ME 2403-Computer Integrated Manufacturing Laboratory.</p>

	<p>python coding).</p> <ul style="list-style-type: none"> ➤ Dr. S.Supriya suggested to include exercise on simulation (using open source softwares) 	
BOS 007.04.02	<p>The following suggestion given for the course OME701-3D Printing and Design (OE - II)</p> <ul style="list-style-type: none"> ➤ Dr.V.Anandkrishnan insisted to modify the subject name as “Additive Manufacturing” instead of 3D printing and design. ➤ Mr.P.Maniraj suggested to modify “neutral CAD Data formats” instead of CAD Data formats. 	<p>Since 3D Printing and Design is most known word for other programme students, HOD resolved to retain the same name for the subject OME701-3D Printing and Design. The other details are incorporated as per the suggestions in the course OME701-3D Printing and Design (OE -II)</p>
BOS 007.04.03	<p>Dr.S.Denis Ashok suggested to remove “why to manage” topic from unit – 2 for course OME703 - Cost Management of Engineering Projects (OE III). He also suggested to include topics names and remove unnecessary words or statement in all the units.</p>	<p>As per the suggestion, the Correction was incorporated in the course OME703-Cost Management of Engineering Projects (OE III)</p>
BOS 007.04.03	<p>The following suggestion given for the course OME704 - Electric and Hybrid vehicles (OE - III)</p> <ul style="list-style-type: none"> ➤ Dr.S.Denis Ashok suggested to move series , parallel hybrid vehicles to Unit -1 ➤ Mr.N.Vijayakumar suggested to include sensors in Unit - 2 and interfaces in Unit - 3 ➤ Mr.P.Maniraj insisted to include battery cooling system. 	<p>As per the suggestion, all the Corrections were incorporated in the course OME704-Electric and Hybrid vehicles (OE - III)</p>
BOS	<p>The following suggestion given for the</p>	<p>As per the suggestion, all the</p>

007.04.04	course OME705-Fundamentals of Reverse Engineering (OE –IV) (OE – IV) <ul style="list-style-type: none"> ➤ Dr.V.Anandakrishnan suggested to modify Unit – 3 as Reverse Engineering for 3D Printing. ➤ Dr. S.Supriya suggested to modify Unit - 5 as Application of Reverse Engineering. 	Corrections were incorporated in the course OME705-Fundamentals of Reverse Engineering (OE –IV)
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- All the corrections suggested by the members are carried out in the curriculum and syllabus of R2021 (final year courses).
- The members of the BoS resolved and approved the minutes of 7th BoS meeting.

008.03.00: ITEMS FOR DISCUSSION AND APPROVAL

- Dr.S.Thangakasirajan HOD/Mech presented the one credit courses offered by Department of Mechanical Engineering.

008.03.01 : One Credit subjects

One credit Course	
Name of the Course	Suggestions from BoS members
Six sigma	Mr.N.Vijayakumar suggested to include the definition of various levels of belts (Ex. white belt, Green belt and Master green belt) in six sigma. Dr. S.Supriya suggested to motivate the students to get various levels of certification in six sigma.
Soft skills	All BoS Members accepted the Syllabus.
Geometric Dimensioning and Tolerancing	Dr. S.Supriya suggested to encourage the students to do certification course related to GD&T. Mr.N.Vijayakumar suggested to go through the AICTE NEET course on GD&T. Mr.P.Maniraj suggested to include the activity based teaching learning process such as manual drawings

	submission in drawing sheet, case studies related to engine components as assignment.
	Mr. P. Maniraj also inquired about the method of evaluation for one-credit courses. The HOD/Mech clarified that the assessment would be practical, involving manual drawing and based on input from the industrial expert who will be handling the subject.

008.03.02 : Over & above credits under EM category (Internships, Skill Development Programme etc.)

➤ Nil

008.03.03 : List of NPTEL Courses (equivalence) offered for the students in Honours / Minor degree / alternative to professional elective courses

List out the NPTEL Course Name corresponding to its equivalent Honours/Minor courses

NPTEL COURSE	Equivalent Honours / Minor degree / course
Introduction to Industry 4.0 And Industrial Internet Of Things	VME325 - Digital Manufacturing and IoT
Introduction to Aircraft control system	VME314 - Drone Technology
Usability Engineering	VME315 - Design For X
Renewable Energy Engineering: Solar, Wind And Biomass Energy Systems	VME336 - Bioenergy conversion technologies

➤ The BoS members suggested to check the difficulty level of courses on students perspective and approved the course equivalence.

008.04.00: ITEMS FOR RATIFICATION

HoD/Mech discussed about the list of items needed ratification from the BoS members.

008.04.01: Changes or Corrections in the existing Curriculum of R2021

Existing	Corrections required and specify the reasons
ME 2352 – Computer Aided Analysis and CNC Laboratory (R2021)	<p>Name of Ratified Laboratory course - ME2353 – Simulation and Analysis Laboratory</p> <p>Reason for Ratification</p> <ul style="list-style-type: none"> ➤ The new laboratory course Computer Integrated Manufacturing Laboratory is introduced in VII semester of R 2021 Mech curriculum. This laboratory course contains Manual CNC Part Programming, CAM Simulation and Part Program Generation, Robot Programming, and Computer Aided Inspection and Virtual Simulation. ➤ All the BoS members suggested to offer the separate laboratory course as Simulation and Analysis Laboratory in 6th semester and also shift the CIM Laboratory to the 7th semester of R2021 Mech Curriculum.
<p>VME322 - Automation For Manufacturing, R2021</p> <p>The amendments in this course presented by Mr.B.K.Parrthipan.</p>	<p>The BoS Members approved all the corrections incorporated in revised syllabus.</p> <p>The revised syllabus for VME322 - Automation For Manufacturing in attached as annexure.</p>

- The BoS members ratified all the points discussed and approved the same

008.04.02 : NPTEL Examination results (students' performance) and action taken for the students who did not receive the certificates

List of Courses enrolled and pass % by Students – VII semester

Sl.No	Name of the NPTEL course	No of students enrolled	No of students passed	Pass %
1	Solar Energy Technology	7	5	71.43%
2	Engineering Metrology	3	2	66.66%
3	Automation in Manufacturing	1	1	100%
4	Fundamentals of Additive Manufacturing Technologies	1	1	100%

As per the clause **R9 12.2 and R9 12.3 of R2020** the students admitted in R2020 can write paper based exam conducted by COE and KCET. HOD/Mech also informed that the students are preparing for the examination going to be conducted by COE and KCET in the month end of April 2024.

- The BoS members approved the same.

008.04.03 : Curriculum feedback and action taken if any

Dr.S.Thangakasirajan HOD/Mech shared the R2021 Curriculum Feedback by students and action taken by Department to the BoS members.

Observations from Students Feedback on R2021 Curriculum & Syllabus	Action taken
<ul style="list-style-type: none"> ➤ The distribution of courses given in R2021 Mech curriculum is adequate. ➤ The laboratory and infrastructure facilities provided is moderate. ➤ The EM courses in available in R2021 curriculum is more adequate. ➤ The experimental learning in available 	<ul style="list-style-type: none"> ➤ The Theory based laboratory courses included in second year curriculum. ➤ The students must complete Inplant training /internship and also Motivated the students to do online certification courses. ➤ Purchase of Text book for new

<p>course of R2021 curriculum adequate.</p> <ul style="list-style-type: none"> ➤ Good scope in analytical and problem solving skills. ➤ Industrial / placement related scope is moderate. ➤ Learning resources for R2021 Need to be improved. 	<p>regulation R2021 is initiated. Students are motivated to utilize institution library facilities effectively.</p> <ul style="list-style-type: none"> ➤ Guest lectures by eminent industrial expert conducted to bridge the gap between industry and institute. More alumni interaction planned. ➤ Motivated the students to apply for smart India Hackathon and file their project as patents.
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The BoS members appreciated the efforts taken by the department.

008.04.04 : Value Added Courses offered - ratification required if any

Specify the Value added courses conducted in the Department.

Dr.S.Thangakasirajan HOD/Mech informed to BoS members that the following value added courses offered for Mechanical Engineering students and the ratification needed to include the credits earned by students from value added courses as over and above credits.

Sl.No.	Name of the Course	Year	Offered by	Date	No of Students
1	CATIA	III/Mech	INVENTATEC, Chennai	31.07.2023 to 05.08.2023	42
2	CAD using UG - NX	II/Mech	CIPET, Madurai	13.02.2024 to 19.02.2024	31
<p>List of Value Added Course for upcoming Semester: CAD Tool, CAE Tool, CNC Coding, GD&T, HVAC, Piping Engineering.</p>					

All the BoS members ratified and approved the same.

008.04.05 : Minor Degree Courses - ratification (Computing Technology)

➤ Nil

008.05.00: Information about the (Points Discussed in the following)**008.05.01: Number of students doing Honours / Honours with Specialization / Minors and its respective courses – Results****NOV-DEC 2023 END SEM EXAMS Results of Honours / Honours with Specialization / its respective courses**

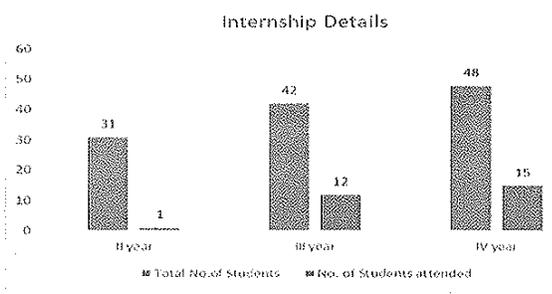
Sl.no	Name of the subject	Category (HS with Spec)	No of students Pass	No of students Failed	Pass %
1.	VME313 - Piping Design	Honours with Specialization in Advanced Product Design	4	-	100
2.	VME316 - CAD/CAE	Honours with Specialization in Advanced Product Design	4	-	100
3.	VME326 - Advanced Manufacturing Systems	Honours with Specialization in Digital Manufacturing	4	-	100
4.	VME323 - Robots and Systems in smart Manufacturing	Honours with Specialization in Digital Manufacturing	4	-	100
5.	VME331 - Conventional and Electric vehicles	Honours with Specialization in E-Vehicles and Energy Systems	3	-	100
6.	VME332 - Electric vehicle design	Honours with Specialization in E-Vehicles and Energy Systems	3	-	100

NOV-DEC 2023 END SEM EXAMS Results of Minors and its respective courses

Sl.no	Name of the subject	Category (Minor)	No of students Pass	No of students Failed	Pass %
1.	Minors in Computing Technology	MCS101 - Fundamentals of Data Structures#	2	-	100
2.	Minors in Computing Technology	MCS102 - Database Essentials#	2	-	100

3.	Minors in Fintech and Block chain	MFB001 - Fundamental of Block chain	1	-	100
4.	Minors in Fintech and Block chain	MFB002 - Engineering Economics and Finance Management	1	-	100

The BoS members appreciated and congratulated the students.

Item No.	Description	Suggestions / Comments from the BoS Members												
008.05.02	Student Internship Completion details R2021	<p>The HOD/Mech shared the statistical data of the student internship/ Inplant training details for R2020 & R2021</p>  <table border="1"> <caption>Internship Details</caption> <thead> <tr> <th>Year</th> <th>Total No. of Students</th> <th>No. of Students attended</th> </tr> </thead> <tbody> <tr> <td>II year</td> <td>31</td> <td>1</td> </tr> <tr> <td>III year</td> <td>42</td> <td>12</td> </tr> <tr> <td>IV year</td> <td>48</td> <td>15</td> </tr> </tbody> </table> <p>The BoS members appreciated and congratulated the students.</p>	Year	Total No. of Students	No. of Students attended	II year	31	1	III year	42	12	IV year	48	15
Year	Total No. of Students	No. of Students attended												
II year	31	1												
III year	42	12												
IV year	48	15												
008.05.03	Pass Percentage of students	<p>The HOD/Mech Presented the Pass percentage of Nov/Dec 2023 year wise Final Year - 91.67% Third year - 80.65% Second Year – 80.65%</p> <p>The HOD/Mech Presented the Pass percentage of Jan 2024 (ODD semester – First year First Sem) In first year results some subjects having lower pass percentage Matrices and differential calculus – 69.57% Engineering Physics – 73.91% Principles of Engineering – 65.22% Coding techniques –I – 65.22%</p> <p>BOS Members Suggested the following points to improve the first year results. ➤ Dr.V.Anandakrishnan suggested to include the tutorial hours or extra hours for coding techniques and Maths. He also</p>												

		<p>suggested to review the syllabus and replace the heavy contents in higher semester.</p> <p>➤ Mr.P.Maniraj suggested to analyse the root cause of more failure and replace the heavy content to the higher semester.</p>
008.05.04	NBA eSAR / status / compliance preparation and its information	<p>Dr.S.Thangakasirajan HOD/Mech Happily shared that Department of Mechanical Engineering accredited by NBA upto June 2026. He also shared the comments received from NBA experts to BOS members.</p> <p>BOS members Suggested the following points for the betterment of the Department.</p> <p>Dr.V.Anandkrishnan suggested to establish the Industry supported Labs. He also insisted to depute faculty members to visit the Industry supported labs available in NIT, IIT and VIT etc.</p> <p>Dr. S.Supriya suggested to involve more industrial persons for curriculum design and arrange more webinar programme by Industrial expert for each units.</p>

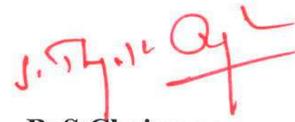
008.06.00 : Any other Items

Nil

008.07.00 : Vote of Thanks

- The meeting ended with the Vote of Thanks by Dr. B.Balavairavan, Assistant Professor, Department of Mechanical Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.


BoS Coordinator
(Dr.B.Balavairavan)


BoS Chairman
(Dr.S.Thangakasirajan)
HoD / Mech .

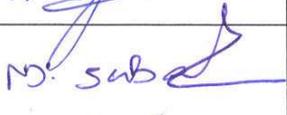
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Department of Civil Engineering
Eighth BoS Meeting Minutes

Date : 06.04.2024
Time : 11.00 am to 12.30 pm
Link : <https://rb.gy/4fre0y>

S.No.	Name of the Expert	Designation	Capacity
1	Dr. S. Arul Mary	Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai	Anna University Nominee
2	Dr.K.Muthukumaran	Professor, Department of Civil Engineering National Institute of Technology, Tiruchirappali	Academic Council Nominee
3	Dr.C.Sivanesan	Professor, Department of Civil Engineering Government College of Engineering, Srirangam, Trichy.	Academic Council Nominee
4	Er.S.Viswanathan	Structural and Project Management Consultant, Viswanathan Associates, Madurai	Industrial Expert
5	Er.J.Jeyapraveen	Proprietor, JPJ Construction, Madurai	Alumni

The following members were present:

Internal Faculty Members of BoS			
S.No.	Name of the Faculty	Designation	Signature
1	Dr.N.Jegan Durai	Assistant Professor & HOD/Civil Chairman of BoS – CIVIL	
2	Dr.M.Subahar	Assistant Professor/Civil Department BoS Coordinator	
3	Dr.P.Ganesh Prabhu	Assistant Professor/Civil	
4	Mr.P.Ponkarthikeyan (Ph.D.,)	Assistant Professor/Civil	
5	Mr.D.Velumani (Ph.D.,)	Assistant Professor/Civil	
6	Mrs.S.Brintha	Assistant Professor/Civil	
7	Mr.K.Hariharan	Assistant Professor/Civil	

008.01.00 : Welcome address by HoD

- Dr.N.Jegan Durai (Head of the Department) Department of Civil Engineering welcomed the BoS committee Members.

008.02.00 : Approval of 7th BoS Meeting Minutes & Action taken

Item No.	Suggestions of BoS Members in 7th BoS Meeting	Action Taken
1.	<ul style="list-style-type: none"> • In Structural Design and Detailing Laboratory – CO statement is to be revised (instead residential building use generalized word) • Bar bending schedule can be included in the Estimation Costing and Quantity Surveying Laboratory • Spread sheets for Estimation can be given as activity. 	<ul style="list-style-type: none"> • CO statement has been revised using a generalized word. • Bar bending schedule has been included in the syllabus. • Spread sheets for Estimation are given as activity in the respective course.
2.	<ul style="list-style-type: none"> • In Open Elective – 1 Instead of 	<ul style="list-style-type: none"> • In Open Elective – I instead

	Contract documentation to be included in the Syllabus.
Elements of Prefabricated Structures	Approved by BoS Members
The BoS members suggested the following courses,	
<ul style="list-style-type: none"> • Fundamentals of Prestressed structures • Introduction to Multilevel Construction using Steel 	

008.03.02 : Over & above credits under EM category (Internships, Skill Development Programme etc.,)

Name of the Course	Suggestions from BoS Members
Internship – for every 2 weeks 1 credit will be awarded as over & above credits under EM category	Approved by BoS Members

008.03.03 : List of NPTEL Courses (equivalence) offered for the students in Honours / Minor degree / alternative to professional elective courses

NPTEL COURSE	Equivalent Professional elective course
Development and Application of Special Concrete	Special Concrete Development and Application
Air Pollution and Control	Air Pollution and Control Engineering
Municipal Solid Waste Management	Municipal Solid Waste Management

008.04.00: NPTEL Examination results (students performance) and action taken for the students who did not receive the certificates

Name of the Course	No. of Students Attended	No. of Students Passed
Basic Construction Materials	25	17
		10 – Elite 7 – Successfully completed
Air Pollution and Control	13	3
		2 – Elite 1 - Successfully completed

	Wastewater Treatment, courses based on Fire safety, Glass can be included.	of Wastewater Treatment, Fundamentals of Fire Safety Engineering subject has been included.
3.	<ul style="list-style-type: none"> In open Elective – 2 in Geographic Information System Subject Remote sensing can be included and software-based activity can be included. 	<ul style="list-style-type: none"> The course was changed as Fundamentals of Remote Sensing and GIS, Software based activity has been included in the subject.
4.	<ul style="list-style-type: none"> Change in subject name of Green Building Design, Road Safety and Practice, Drinking Water Supply and Treatment 	<ul style="list-style-type: none"> The subject name has been changed as Green Building Concepts, Road Safety and Management, Drinking Water Supply Treatment and Distribution.

- HOD/CIVIL gave a brief presentation about the review of the Minutes of the 7th BoS meeting. Recommendations of the committee and relevant implications were presented to the committee. 7th BoS recommendations were reviewed and accepted by the committee.

008.03.00 : Discussion and approval of

- The BoS Coordinator Dr.M.Subahar, Presented the final year curriculum, one credit subjects, over & above credits under EM category.

08.03.01 : One Credit subjects

Name of the Subject	Suggestions from BoS Members
Quality Control in Construction	Subject name can be changed from Quality Control in Construction to Best Practices in Construction
Real Estate Developers	Approved by BoS Members
Basics of Vastu Shastra	Approved by BoS Members
Project Appraisal and Execution Techniques	Subject name can be changed to Short Course on Project Management.

Maintenance and Repair of Concrete Structures	2	2 – Elite
<ul style="list-style-type: none"> Action taken for Failed Students – They have been given with one more attempt in the 7th semester but the students failed to clear the Exam, so he/she will be writing the End semester examination in our college by 8th semester 		

➤ Approved by BoS Members

008.04.01 : Value Added Courses offered - ratification required if any

- Building estimation, costing and simulation using Navisworks – III Year
- 3D Modeling Interior and Elevation Design – II Year

➤ Approved by BoS Members

008.05.00: Information about the (Points Discussed in the following)

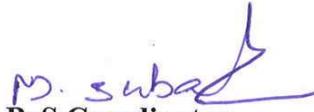
Item No.	Description	Suggestions / Comments from the BoS Members
008.05.01	Number of students doing Honours / Honours with Specialization / Minors and its respective courses – Results	The HOD Presented the number of students doing Honours with specialization and its respective courses and Results.
008.05.02	Student Internship Completion details R2021	The HOD shared the statistical data of the student internship details for R2020 & R2021.
008.05.03	Pass Percentage of students	The HOD Presented the Pass percentage year wise and course wise.
008.05.04	Value Added Courses offered / Planned for the academic year 2024 - 2025	The HOD Presented the Value Added Course planned in the academic year 2024 – 2025 : for III year 3D Modelling and for II year 3D Modeling Interior and Elevation Design.

008.06.00 : Any other Items

- HOD presented the training activities completed apart from curriculum.
- Completion of Hindi language training
- Completion of Inhouse site training
- Completion of Sensor based training

008.07.00 : Vote of Thanks

- The meeting ended with the Vote of Thanks by Dr.N.Jegan Durai, Assistant Professor and Head, Department of Civil Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.


BoS Coordinator
(Dr.M.Subahar)


BoS Chairman
(Dr.N.Jegan Durai)
HoD / Civil



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagammal Campus

S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

Department of Mechatronics Engineering

Eighth BoS Meeting Minutes

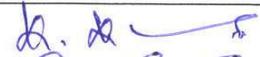
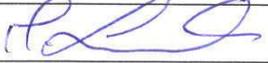
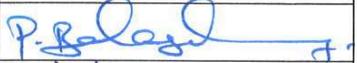
Date : 06-04-2024

Time : 2.00 P.M to 3.30 P.M

Link : <https://teams.microsoft.com/l/meetup-join/19%3a44922ff2058940eaaa3083b13cf9de7e%40thread.tacv2/1712120550245?context=%7b%22Tid%22%3a%222666d919-f1fc-4027-b9c5-212d4e95e68a%22%2c%22Oid%22%3a%22b241d041-89f6-428e-aedc-2492bcdae29%22%7d>

The following members were present:

S.No.	Name of the Expert	Designation	Capacity
1	Dr. S. Supriya	Professor & Head, Department of Mechanical Engineering, Government College of Engineering College, Tirunelveli - 627007.	Anna University Nominee
2	Dr. N. Sivakumaran	Professor, Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli - 620015.	Academic Council Nominee
3	Dr. M. Suresh	Associate Professor, Department of Robotics and Automation Engineering, PSG College of Technology, Coimbatore – 641004.	Academic Council Nominee
4	Dr.R.Kesavamoorthy	Director, Meta Heuristic Corporate India Pvt.Ltd., ISRO Layout, Bangalore – 560078.	Industrial Expert
5	Mr. P. Rilwan Fayas	Senior Engineer & Team Lead Automotive Domain, TATA ELXSI, Tiruvanathapuram – 695581	Alumni

Internal faculty Members of BoS			
S.No	Name of the Faculty	Designation	Signature
1.	Dr. K. Kannan, M.E., Ph.D.,	Professor & Head	
2.	Dr. M.Sudalaimani, M.E., Ph.D.,	Associate Professor	
3.	Dr. S.Rajesh Babu M.E., Ph.D.,	Assistant Professor	
4.	Dr. P. Bala Sundar, M.E, Ph.D.,	Assistant Professor	
5.	Mr. A. Arul Kumar, M.E, (Ph.D.,)	Assistant Professor	
6.	Mr. S. Wesley Moses Samdoss, M.E., (Ph.D.,)	Assistant Professor	
7.	Mr. A. Ganesan, M.E.,	Assistant Professor	

008.01.00 : Welcome address by HoD

- Welcome address
- Dr. K. Kannan, Professor & HoD/MTRE gave welcome address to all the members of the Board of Studies.

008.02.00 : Approval of 7th BoS Meeting Minutes & Action taken

Item No.	Suggestions of BoS Members in 7 th BoS Meeting	Action Taken
007.03.01	<p>Suggestions of BoS Members in the Syllabus of following subjects:</p> <p>i) DESIGN OF MECHATRONICS SYSTEM</p> <ul style="list-style-type: none"> ➤ Mr. P. Rilwan Fayas, suggested including concepts such as industrial standard protocols like Modbus/Ethernet in Unit-IV Real-time interfacing. ➤ Dr. M. Suresh, suggested including the topic bond graph technique in Unit-I. 	Industrial standard protocols were included in Unit-IV Real-time interfacing and it is incorporated in the R2021 –syllabus in the page number 166 as per the member’s recommendations.
007.03.01	<p>ii) LOW COST AUTOMATION</p> <ul style="list-style-type: none"> ➤ Mr. P. Rilwan Fayas, suggested removing programming of PLC and asked to include the ARM Processor or Arduino controller for further competencies to the 	As per the member’s Suggestions Programming of PLC topic is removed and ARM Controller is included in Unit-III and Arduino

	<p>students.</p> <ul style="list-style-type: none"> ➤ Dr.M.Suresh, suggested removing the topics mapping methods – step counter method - compound circuit design -combination circuit design from Unit II. Asked to reframe Unit I and Unit V by considering the contact hours. 	<p>Controller is included in Unit IV. It is incorporated in the page number 178 of R2021 –syllabus.</p>
007.03.01	<p>iii) SENSORS AND ACTUATORS</p> <ul style="list-style-type: none"> ➤ Members suggested removing thyristors from in Unit-IV due to redundancy. 	<p>As per members suggestions the redundancy topic thyristors is removed in Unit –IV and the changes are incorporated in the page number 181 of R2021 – syllabus.</p>
007.03.05 :	<p>Human Values and Ethics Courses</p> <ul style="list-style-type: none"> ➤ Dr. M. Suresh, Academic Council Nominee suggested this course's entire syllabus is as per the student induction programme. Since we are offering this in the SIP program. 	<p>Dr.K.Kannan clarified to the members it is the common course offered by the institute level, Since department level can't modify the content in this course. This information was conveyed to Dean Academics.</p>
007.04.01	<p>Changes or Corrections in the existing Curriculum of R2020 and R2021</p> <p>Computer Aided Design and Manufacturing Laboratory in R2021 - This course is to be moved from the VI semester to the VII Semester since the course mini project is moved from the VII to VI semester.</p>	<p>As per members suggestions Computer Aided Design and Manufacturing Laboratory course is moved to VII semester to VI Semester and the changes are incorporated in the page number 8 of R2021 –syllabus.</p>
007.04.01	<p>Mini project in R2021- This course needs to be offered in advance i.e. in the VI Semester for giving project exposure to the students before the placement drives.</p>	<p>As per members suggestions Mini project is offered in VI Semester for giving project exposure and the changes were incorporated in the page number 7 of R2021 –syllabus.</p>
007.04.02	<p>NPTEL Examination results (student's</p>	<p>As per Members suggestion</p>

	performance) and action taken for the students who did not receive the certificates. Members suggested that the students who have failed should be given another chance to repeat the same NPTEL course again.	another chance given to the failed students to repeat the same NPTEL course .The students repeated the same course and passed in the same course.
007.04.04 :	BoS members advised the three-member committee to choose the value-added courses as per current trends and skills requirement for core industries.	As per the three member committee suggestions Value added course on Internet of Things was offered to the students to meet the programming skills requirement for core industries.
007.05.01	Members appreciated and suggested utilizing the NPTEL video lectures for honours and minors since it encourages the students to do self-paced courses and enhances self-learning.	As per Members suggestion faculty members utilized the available NPTEL video lectures for honours and minors subjects.
007.05.05	Members given the suggestions for the successful preparation of the compliance report.	The faculty members put their maximum efforts for the successful implementation of OBE and completed the compliance report as per suggestions received from Internal and External Audit experts Comments.

- All the members appreciated our efforts taken towards implementing the suggestions given by the members.
- All the members jointly approved the Minutes of the Seventh Board of Studies meeting.

008.03.00 : Discussion and approval of

008.03.01 : One Credit subjects

One Credit subjects	Suggestions / Comments from the BoS Members
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1. AI & ML for Industrial Machine Vision	<ul style="list-style-type: none"> ➤ The members ensured the prerequisite for this one credit subjects. ➤ Dr. M. Suresh, Academic Council Nominee clarified which industry offered these courses. ➤ All the members of the board accepted the syllabus without any modification. ➤ Dr. R. Kesavamoorthy, Industrial Expert clarified the number of hours for one credit courses. He suggested the course - AI & ML for Industrial Machine Vision since it is the fundamental course for advanced mechatronics course. ➤ Mr. P. Rilwan Fayas, suggested that Hardware, Software and Telemetry systems for Software Defined Vehicles course is future oriented and beneficiary to mechatronics students. ➤ Dr. M. Suresh, Academic Council Nominee suggested to finalize any of the above courses based on the students interest like elective papers. ➤ All the members accepted the same and asked to offer One Credit subjects as per majority of student's desires.
2. Tiny Machine Learning for SWaP constrained Robotics	
3. Hardware, Software and Telemetry systems for Software Defined Vehicles	

008.03.02: Over & above credits under EM category (Internships, Skill Development Programme etc.,)

One Credit subjects	Suggestions / Comments from the BoS Members
1. Internships	<ul style="list-style-type: none"> ➤ The members approved to provide over & above credits to internships as one credit for 15 days internship with through evaluation of the internship reports. ➤ Members discussed about the category of students undergone second internship in another industry for 15 days. In such cases members recommended to provide credit transfer for the both internships.
2. Value Added courses	<ul style="list-style-type: none"> ➤ The members approved to provide over & above credits to Value Added courses.
3. Honours/Minors Degree	<ul style="list-style-type: none"> ➤ Members discussed about the Honours/Minors Degree eligibility Criteria. If the students enrolled for Honours/Minors Degree and failed to meet eligibility criteria members approved to consider that courses as over and above credit courses.

008.03.03 : List of NPTEL Courses (equivalence) offered for the students in Honours / Minor degree / alternative to professional elective courses

- Dr.K.Kannan, Listed the NPTEL Course Name corresponding to its equivalent Professional elective course.

NPTEL COURSE	Equivalent Honors/ Professional elective course
Advanced Manufacturing	Advanced Machining Processes
Automobile Engineering	Fundamentals of Automotive Systems
Drone Technology	Introduction to Aircraft Control System
Autonomous Mobile Robots	Advanced Robotics
Design of Robot Elements	Design of Mechanical Transmission Systems

- The members appreciated the efforts taken by the NPTEL local chapter Coordinator and department NPTEL Coordinator.
- Members approved the above NPTEL Courses as equivalence to Honors/Professional Elective Course.

008.04.00 : Items for Ratification

008.04.01 : Changes or Corrections in the existing Curriculum of R2021

Existing	Corrections required and specify the reasons
Course Code & Name & Regulation	Nil
Credit Adjustment	Nil

008.04.02 : NPTEL Examination results (students performance) and action taken for the students who did not receive the certificates

- Dr. K.Kannan presented the NPTEL Courses enrolled by the students as below.

NPTEL Course Name/Duration	Students Enrolled	Students Passed in First Attempt	Students Passed in Second Attempt	Pass Percentage
Engineering Metrology/ (12 Weeks)	16	14	2	100
E-Business (12 Weeks)	16	15	1	100

As per Members suggestion another chance given to the failed students to repeat the same NPTEL course .The students repeated the same course and passed in the same course.

- Members suggested to provide a chance to repeat the same NPTEL course again for the failed students.

008.04.03 : Curriculum feedback and action taken if any

- Dr. K.Kannan presented the curriculum feedback summary collected from various stakeholders which was accepted by all the BoS members.
- Dr. M. Suresh, Academic Council Nominee enquired about the frequency of Curriculum feedback collection process.
- Dr.K.Kannan explained some of the operating difficulties faced in the process of getting employer feedback.
- Members suggested to get the employer feedback in future.

008.04.04: Value Added Courses offered - ratification required if any

- In BoS 06.05.03 the BoS members advised the three members committee to choose the value-added courses as per current trends and skills requirements for core industries. As per that the three-member committee meeting was convened on 02-06-2023 and chosen VAC on Advanced Industrial Automation for 2021-2025 Batch during third-year. The BoS members accepted it without any concern.
- In BoS 007.04.04 The members suggested the three-member committee to offer value-added courses in the recent trends of mechatronics domains such as drones or the automotive domain, as this could fetch them job opportunities.
- The three member committee meeting conducted on 22-01-2024 and the committee has recommended the Value-added course “Internet of Things” for 2022-2026 Batch during II Year.
- The BoS members approved the three member committee meeting minutes and
- Accepted the Value-added course “Internet of Things” and appreciated the efforts taken by the three member committee.
- The BoS members discussed the syllabus of Value Added Courses suggested by three member committee for Next Academic Year 2024-2025. Members recommended the Value Added Course on “Internet of Things” for upcoming II Year (2023-2027 Batch) & Value Added Course on “Advanced Industrial Automation” for upcoming III Year(2022-2026). The BoS members

appreciated the three members committee for chosen of value-added courses as per current trends and skills requirements for core industries.

008.04.05 : Minor Degree Courses - ratification (Computing Technology)

008.05.00: Information about the (Points Discussed in the following)

Item No.	Description	Suggestions / Comments from the BoS Members																
008.05.01	Number of students doing Honours / Honours with Specialization / Minors and its respective courses - Results	<p>The HOD Presented the number of students doing Honours/ Honours with specialization.</p> <table border="1" data-bbox="737 474 1305 657"> <tr> <td data-bbox="737 474 1019 548">Honours / Specialization</td> <td data-bbox="1027 474 1305 548">Number of students enrolled</td> </tr> <tr> <td data-bbox="737 548 1019 583">Robotics</td> <td data-bbox="1027 548 1305 583">9</td> </tr> <tr> <td data-bbox="737 583 1019 657">Smart Mobility Systems</td> <td data-bbox="1027 583 1305 657">3</td> </tr> </table> <p>The courses are under Robotics Specialization are VMT313 - Autonomous Mobile Robots & VMT314 - Collaborative Robotics, The courses are under Smart Mobility Systems Specialization are VMT335 - Design of UAV Systems VMT336 - Intelligent Transportation System for Smart Mobility.</p> <p>The HOD Presented the results of students doing Honours/ Honours with specialization. The members appreciated joint efforts taken by faculty and students for the best results.</p>	Honours / Specialization	Number of students enrolled	Robotics	9	Smart Mobility Systems	3										
Honours / Specialization	Number of students enrolled																	
Robotics	9																	
Smart Mobility Systems	3																	
008.05.02	Student Internship Completion details R2021	<p>The HOD shared the statistical data of the student internship/ Inplant training details for R2020 & R2021.</p> <table border="1" data-bbox="737 1115 1442 1556"> <thead> <tr> <th data-bbox="737 1115 813 1251">S. No.</th> <th data-bbox="821 1115 959 1251">Year</th> <th data-bbox="967 1115 1097 1251">No. of Students</th> <th data-bbox="1105 1115 1442 1251">No. of Students Completed Internship</th> </tr> </thead> <tbody> <tr> <td data-bbox="737 1251 813 1350">1.</td> <td data-bbox="821 1251 959 1350">IV Year (R2020)</td> <td data-bbox="967 1251 1097 1350">16</td> <td data-bbox="1105 1251 1442 1350">16</td> </tr> <tr> <td data-bbox="737 1350 813 1449">2.</td> <td data-bbox="821 1350 959 1449">III Year (R2021)</td> <td data-bbox="967 1350 1097 1449">30</td> <td data-bbox="1105 1350 1442 1449">30</td> </tr> <tr> <td data-bbox="737 1449 813 1556">3.</td> <td data-bbox="821 1449 959 1556">II Year (R2021)</td> <td data-bbox="967 1449 1097 1556">29</td> <td data-bbox="1105 1449 1442 1556">They are asked to complete during the month of July 2024.</td> </tr> </tbody> </table>	S. No.	Year	No. of Students	No. of Students Completed Internship	1.	IV Year (R2020)	16	16	2.	III Year (R2021)	30	30	3.	II Year (R2021)	29	They are asked to complete during the month of July 2024.
S. No.	Year	No. of Students	No. of Students Completed Internship															
1.	IV Year (R2020)	16	16															
2.	III Year (R2021)	30	30															
3.	II Year (R2021)	29	They are asked to complete during the month of July 2024.															
008.05.03	Pass Percentage of students	<p>The HOD Presented the Pass percentage year-wise and course-wise. The members appreciated the IV Year and III Year Results. The members suggested concentrating on II Year Results, especially III and IV Semester results.</p>																
008.05.04	Value Added Courses offered / Planned for the academic year 2024 - 2025	<p>The HOD Presented the Value added course planned for the academic year 2024-2025:</p> <table border="1" data-bbox="737 1787 1300 1896"> <tr> <td data-bbox="737 1787 911 1860">Value Added Course on</td> <td data-bbox="919 1787 1105 1860">Batch</td> <td data-bbox="1114 1787 1300 1860">To be offered in</td> </tr> <tr> <td data-bbox="737 1860 911 1896">"Internet of</td> <td data-bbox="919 1860 1105 1896">2023-2027</td> <td data-bbox="1114 1860 1300 1896">II Year</td> </tr> </table>	Value Added Course on	Batch	To be offered in	"Internet of	2023-2027	II Year										
Value Added Course on	Batch	To be offered in																
"Internet of	2023-2027	II Year																

		Things”		
		“Advanced Industrial Automation”	2022-2026	III Year
		The BoS members given the rights to the three members committee to change the value-added courses as per current trends and industry needs.		
008.05.05	NBA eSAR / status / compliance preparation and its information	The HOD Happily shared the experience of NBA Reaccreditation Expert Committee visit for the Reaccreditation of the Mechatronics Engineering programme. The members appreciated the efforts taken by the faculty members for the successful completion of the compliance report and suggested to concentrate on the points given by experts.		

008.06.00 : Any other Items

008.07.00 : Vote of Thanks

- The meeting ended with the Vote of Thanks by A.Arulkumar, Assistant Professor, Department of Mechatronics Engineering, Kamaraj College of Engineering and Technology.


BoS Coordinators
A.Arulkumar, AP/MTRE,


BoS Chairman
Dr.K.Kannan,
Prof & HoD / MTRE


S.Wesley Moses Samdoss, AP/MTRE,



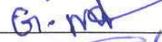
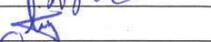
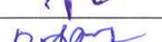
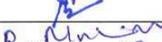
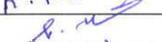
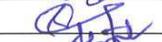
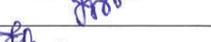
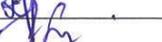
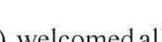
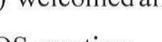
(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
S.P.G.Chidambara Nadar - C.Nagammal Campus
S.P.G.C. Nagar, K.Vellakulam - 625 701 (Near VIRUDHUNAGAR).

Department of Computer Science and Engineering
B.Tech Artificial Intelligence and Data Science
Eighth BoS Meeting Minutes

Date : 06.04.2024
Time : 12.30 pm
Venue : Online Mode
Link (hybrid mode) : <https://t.ly/Swwle>

The following members were present:

S.No.	Name of the Expert	Designation	Capacity	Signature
1	Dr.P. Chitra	Professor & Head Department of Computer Applications, Thiagarajar College of Engineering, Madurai. Email : pccse@tce.edu Mobile : Phone No:99449 76549	Anna University Nominee	
2	Dr. S.R. Balasundaram,	Professor Department of Computer Applications, National Institute of Technology, Tiruchirapalli -620015. Email: blsundar@nitt.edu Mobile : 99942 91420	Academic Council Nominee	
3	Dr. N. Radha	Professor Department of Information Technology, SSN College of Engineering, Chennai Email : radhan@ssn.edu.in Mobile : 99443 95452	Academic Council Nominee	
4	Mr. U. Shunmugam	Vice President-Products Chainsys, Madurai - 625009. Email: shunmugam.udhayakumar@chainsys.com Mobile : 98411 63959	Industrialist	

Internal Faculty Members of BoS			
S.No.	Name of the Faculty	Designation	Signature
1	DR.A.Meenakshi	Professor and Head	
2	Dr.R.Ramya	Associate Professor / CSE UG (B. E. CSE) Programme Coordinator	
3	Dr.A.Anandh	Associate Professor / CSE UG (B. Tech. AI &DS) Programme Coordinator	
4	Dr.G.Nirmala	Assistant Professor / CSE	
5	Dr.G.Mahalakshmi	Assistant Professor / CSE	
6	Dr.G.Uma Maheshwari	Assistant Professor / CSE	
7	Mr.V.Rajesh Kannan	Assistant Professor / CSE	
8	Mrs.S.Athilakshmi	Assistant Professor / CSE	
9	Mr.B.Muthukrishnavinayagam	Assistant Professor / CSE	
10	Mrs.K.Muthulakshmi	Assistant Professor / CSE	
11	Mr.G.Praveen Kumar	Assistant Professor / CSE	
12	Mr.J.John Livingston	Assistant Professor / CSE	
13	Ms.S.Hemaswathi	Assistant Professor / CSE	
14	Mrs.X.Ignatius Selvarani	Assistant Professor / CSE	
15	Mrs.E.Vijayalakshmi	Assistant Professor / CSE	
16	Ms.S.Janani	Assistant Professor / CSE	
17	Mr.D.Raj	Assistant Professor / CSE	
18	Mr.M.Rajasekaran	Assistant Professor / CSE	
19	Mrs.B.Santhi Priya	Assistant Professor / CSE	
20	Mrs.R.Hari Priya	Assistant Professor / CSE	
21	Mr.R.Kumaravel	Assistant Professor / CSE	
22	Mrs.D.Pradhiba	Assistant Professor / CSE	
23	Mr.D. Asir	Assistant Professor / CSE	
24	Dr.R.Muthuselvi	Professor / AI & DS	
25	Dr P Praveen Kumar	Associate Professor / AI & DS	
26	Dr.U.Kumaran	Associate Professor / AI & DS	
27	Mrs.S.Nithya	Assistant Professor / AI & DS	
28	Mrs.R.Indhuja	Assistant Professor / AI & DS	
29	Mrs K Indumathi	Assistant Professor / AI & DS	
30	Mrs J Lavanya	Assistant Professor / AI & DS	
31	Mrs.V.Sangeetha	Assistant Professor / AI & DS	

008.01.00 : Welcome address by HoD

Dr. A. Meenakshi, HoD (Department of Computer Science and Engineering) welcomed all the members of the Board of Studies and Faculty members of CSE Department to the 8th BOS meeting.

008.02.00 : Approval of 7th BoS Meeting Minutes & Action taken

Item No.	Suggestions of BoS Members in 7th BoS Meeting	Action Taken
1	BoS members suggested to offer fundamental courses as a value added courses for second year students.	Suggestion is implemented. Programming fundamental courses were offered to second year students.
2	BoS Member suggested to have a very lighter content for open elective and minor courses.	Course syllabus is reframed as per the suggestion.
3	BoS Member requested to give clarification about minor/honour students' distinction norms if they get fail in the exams.	From COE it was communicated to us that it is based on the norms and regulations of the affiliated University
4	Mr.U.Shunmugam suggested to offer value added courses from IV semester onwards.	Suggestion is implemented. Value added courses are offered to current IV semester students.

BoS members approved the 7th BoS Meeting Minutes.

008.03.00 : Discussion and approval of**008.03.01 : One Credit subjects**

Four one credit subjects such as Selenium, Prompt Engineering, Scrum, Unity were presented. The BOS members approved the same.

008.03.02 : Over & above credits under EM category (Internships, Skill Development Programme etc.):

Internships and Value-Added Courses are provided as over and above credits. The BoS Members approved the same.

008.03.03 : List of NPTEL Courses (equivalence) offered for the students in Honours / Minor degree / alternative to professional elective courses

NPTEL COURSE	Equivalent Professional elective course
Blockchain and its Applications	PE/Honours: Block Chain Technologies
Natural Language Processing	PE/Honours: Natural Language Processing Essentials
Deep Learning	PE/Honours: Deep Learning
Ethical Hacking	PE/Honours: Ethical Hacking
Cyber Security and Privacy	PE/Honours: Principles of Cyber Security
Software Engineering	Minor: Software Engineering Essentials

BoS members approved the courses.

008.04.00 : Items for Ratification

008.04.01 : Changes or Corrections in the existing Curriculum of R2021

Existing	Corrections required and specify the reasons
AI2252 - Introduction to Internet of Things & R2021	AI2252 - Introduction to Internet of Things subject syllabus is slightly modified in order to map the theory and Lab content.
AI2253 - Internet of Things Laboratory & R2021	AI2253 - Internet of Things Laboratory subject syllabus is slightly modified in order to map the theory and Lab content.

BoS members approved the corrections.

008.04.02 : NPTEL Examination results (students performance) and action taken for the students who did not receive the certificates

S.No.	Course Title	No. of students attended	No. of students passed	No. of students failed	Pass Percentage
1	Introduction to Internet of Things	25	25	-	100%
2	Soft Skills	44	29	15	65.91%
3	Cloud Computing	5	3	2	60%

Performance Analysis

No. of Students passed	57
No. of Students failed	17
No. of Students got Elite+Gold+Topper	2
No. of Students got Elite+Silver+Topper	-
No. of Students got Elite+Silver	13
No. of Students got Elite	25
No. of Students Successfully completed	17
No. of Students with no certificate	17

R2020	CSE	AI&DS
Total No. of Students	104	45
No. of Students Cleared 2 courses	98	34
No. of Students Cleared 1 courses	5	11
No. of Students yet to clear 2 courses	1	-

Action taken for the students who did not receive the certificate

- The students those who have not cleared NPTEL courses as per R2020 curriculum, may appear for an equivalent exam conducted during their End semester
- Students can only appear for the exam in which they have failed in the corresponding NPTEL courses.
- The assignment marks scored in the NPTEL exams will be considered as the internal marks for their end semester exams.

BOS members approved the action plan for the students those who did not receive the certificate.

008.04.03 : Curriculum feedback and action taken if any

- **Based on the faculty feedback on curriculum, the following subject's syllabus is revised**
 - AI2252 Introduction to Internet of Things
 - AI2253 Internet of Things Laboratory

008.04.04 : Value Added Courses offered - ratification required if any

Value Added Courses conducted during the academic year 2023-2024 is as follows:

2023-2024 ODD

- Figma, Kevell Global Solutions LLP.
- React JS, Kevell Corp.
- Angular JS, VEI technologies Pvt Ltd.
- Power BI, Brainswig EduTech Pvt. Ltd. Chennai.
- Flask, Phoenix Softech, Madurai.

2023-2024 EVEN

- Mastering the Art of Coding – Java Programming
 - Amphisoft Technologies, Coimbatore.
 - HR Lytics Private Ltd, Bengaluru, Karnataka
 - CodeTantra Tech Solutions Private Limited, Hyderabad
- Mastering the Art of Coding – Fundamentals of C Programming
 - Xplo code Infotech Pvt Ltd, Madurai.
 - Phoenix Softech, Madurai.

We got the approval for the conducting all the above VAC courses in the 7th BOS meeting except C programming and it was given in the 7th BOS meeting minutes number 007.04.04 dated 27.09.2023. Based on the placement cell recommendation we conducted the C programming course and BOS members approved the same.

Value Added Courses Planned for III Year for the academic year 2024-2025

- Angular JS
- React JS
- Java Spring Boot
- .Net Framework

BoS Member (Mr.U.Shunmugam) is ready to offer Angular JS.

BOS members approved the courses.

008.04.05 : Minor Degree Courses - ratification

NIL

008.05.00: Information about the (Points Discussed in the following)

Item No.	Description	Suggestions / Comments from the BoS Members
008.05.01	Number of students doing Honours / Honours with Specialization / Minors and its respective courses - Results	The HOD presented the number of students doing Honours/ Honours with specialization/ Minors and its respective courses. Dr. P. Chitra shared that only very few students are joining minor and honours courses in her institution. She also mentioned that opting minor/honour course should be completely based on students' willingness and interest.
008.05.02	Student Internship Completion details R2021	The HOD shared the statistical data of the student internship/ In-plant training details for R2020 & R2021.
008.05.03	Pass Percentage of students	The HOD presented the Pass percentage year wise and course wise
008.05.04	Value Added Courses offered / Planned for the academic year 2024 - 2025	The HOD presented the Value added course planned for the academic year: <ul style="list-style-type: none">• Angular JS• React JS• Java Spring Boot• .Net Framework BOS members approved the courses.
008.05.05	NBA eSAR / status / compliance preparation and its information	-

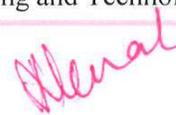
008.06.00 : Any other Items NIL

008.07.00 : Vote of Thanks

- The meeting ended with the Vote of Thanks by HOD Dr.A.Meenakshi Professor, Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.



**BoS Coordinator
(Dr.A.Anandh)**



**BoS Chairman
(Dr.A.Meenakshi)
HoD / CSE**