



# ROHINI

COLLEGE OF ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)

Approved by AICTE and Affiliated to Anna University (An ISO Certified Institution).

Accredited with A+ Grade by NAAC

Recognized under Section 2(f) of University Grant Commission, UGC ACT 1956

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING MEMBERS PRESENT

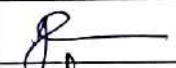



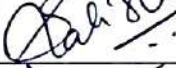



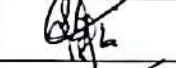
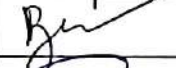

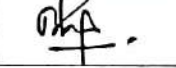
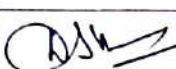

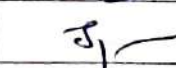
Date of the Meeting: 18.06.2024

Name of the Meeting: Board of Studies

1. BE - COMPUTER SCIENCE AND ENGINEERING
2. ME - COMPUTER SCIENCE AND ENGINEERING
3. BE - COMPUTER SCIENCE AND ENGINEERING (AI&ML)

### LIST OF BOARD OF STUDIES MEMBERS

S.No.	Name	Designation & Affiliation	Signature
1	Dr. I. Michael Revina	Associate Professor & Head	
<b>Subject expert from outside the college nominated by Anna University</b>			
2	Dr. S. Muthuramalingam	Professor, Department of Information Technology, Thiagarajar College of Engineering, Madurai.	
<b>Experts from outside the college nominated by RCET</b>			
3	Dr. Balasubramanian.C	Professor, Department of Computer Science and Engineering, PSR College of Technology, Sivakasi.	
4	Dr. N. Hema Rajini	Associate Professor, Department of Computer Science and Engineering, Alagappa Chettiar Government College of Engineering and Technology, Karikudi	

Representative from Industry			
5	Mr. Ananthan Ayyasamy	Startup, Tenkasi	
Meritorious alumnus nominated by Principal			
6	Ms. Silpa Suresh	Data Engineering Management & Governance Analyst Accenture - Chennai	
Faculty Members			
7	Dr. A. Lourdes Mary	Associate Professor	
8	Dr. I. Vallirathi	Associate Professor	
9	Mrs. R. Sahiladevi	Assistant Professor	
10	Mrs. R. Meenakshiammal	Assistant Professor	
11	Mrs. R. Vahitha K Thangam	Assistant Professor	
12	Mrs. R. Anuja	Assistant Professor	
13	Mr. I. Sivaprasad Manivannan	Assistant Professor	
14	Mrs. G. Devivisalakshi	Assistant Professor	
15	Mrs. C. Shyamala Gowri	Assistant Professor	
16	Mr. B. Sivakumar	Assistant Professor	
17	Mrs. P. Saranya	Assistant Professor	
18	Mrs. Blanie Scrimshaw William	Assistant Professor	
Special Invitees			
20	Dr. D. SAM HARISON	professor / EEE	
21	Dr. GASMINE J C SHEEJA	ASP / ECE	
22	Dr. J. Jesse Pius	ASP - Physin	





## MINUTES OF THE MEETING

Dr. I. Michael Revina, Chairman of Board of Studies, welcomed the Board of Studies members for the first Board of Studies meeting and introduced the significance of autonomy in the context of engineering education from the industry perspective. The chairman briefed the gathering about the regulation to be followed in the department and emphasized the need for framing the curriculum and syllabi based on the inputs from various stake holders.

The agenda was already circulated among the committee members and the following discussions were made based on the agenda.

### Bos expert details

1	Dr. S. Muthuramalingam	Professor, Department of Information Technology, Thiagarajar College of Engineering, Madurai.
2	Dr. Balasubramanian	Professor, Department of Computer Science and Engineering, PSR College of Technology, Sivakasi.
3	Dr. N. Hema Rajini	Associate Professor, Department of Computer Science and Engineering, Alagappa Chettiar Government College of Engineering and Technology, Karikudi
4	Mr. Ananthan Ayyasamy	Startup, Tenkasi
5	Ms. Silpa Suresh	Data Engineering Management & Governance Analyst Accenture - Chennai

## MINUTES OF THE MEETING

### AGENDA - 1

Approval of Curriculum & Syllabus for the First Year (I & II semesters) BE Computer Science and Engineering [2024-2028 Batch] as per the National Education Policy (NEP)

### RECOMMENDATIONS OF THE BOARD

The points discussed and suggestions recommended by the Expert members of Board of Studies are as follows:

1. They have suggested to proceed with Open Elective/ Professional elective instead of Open Electives alone based on student's requirements.
2. They have recommended to round off the credits in the curriculum.
3. They have recommended not to include Computer Organization and Architecture course in the second semester because of the benefits of lateral entry students. They asked to move the course to higher semesters. Instead of Computer Organization and Architecture course we can include the subject which covers basics of computer concepts and terms
4. While describing syllabus for each course they asked to use minimized word (preferably 4 to 5 lines)
5. While defining lab experiments in curriculum they have asked to specify the concepts alone, not to include the specific problems for implementation.
6. They have suggested to change the names of the courses for Python & C programming (E.g.: PROGRAMMING IN PROBLEM SOLVING USING PYTHON)
7. They have suggested to combine the hours for theory and lab in lab integrated courses.
8. They have suggested to proceed with the course Data structures only with C++. Java can be included in higher semesters in ECE curriculum.

Board Members have appreciated the scheme and structure in general and also mentioned more project based learning should be organized in order to mould the students as per the industry expectations. Scheme of Evaluation both theory and practical must be elaborately discussed. It must be transparent and stringent.

## **AGENDA -2**

Approval of Curriculum & Syllabus for the First Year (I & II semesters) ME Computer Science and Engineering [2024-2026 Batch] as per the National Education Policy (NEP)

The Expert Members approved the Syllabus and Curriculum. Also Chairman BOE requested all the BoS Members to also review the COs of all the subjects. BoS members reviewed the Cos and given their suggestion to refer the Bloom's Taxonomy while framing the Cos. It was suggested to include the latest books by renowned authors and publishers as a part of text/reference books.

## **AGENDA -3**

Approval of Curriculum & Syllabus for the First Year (I & II semesters) BE Computer Science and Engineering (Artificial Intelligence and Machine Learning) [2024-2028 Batch] as per the National Education Policy (NEP)

## **RECOMMENDATIONS OF THE BOARD**

**The Expert Members approved the Syllabus and Curriculum.**

## **VOTE OF THANKS BY THE CHAIRMAN – Board of Studies**

**The Chairman thanked all the members for having participated in the meeting and contributed in framing the curriculum and syllabi for 2024-2028 batch.**





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**DEPARTMENT OF AGRICULTURAL ENGINEERING**

## **BOARD OF STUDIES MEETING**

**DATE : 20.06.2024**

**VENUE : Conference Hall**

**TIME : 11.00am – 1.00pm**

## CONTENT

S.No.	PARTICULARS	Page No.
1	Agenda for the meeting	3
2	Minutes of the meeting	4
3	Welcome address and Introduction of members by Chairman of Board of Studies	6
4	Agenda 1: Details	7
5	Recommendations of the Board	7
6	Vote of thanks by Chairman of Board of Studies	8



## AGENDA FOR THE MEETING

Approval of Curriculum & Syllabus for the First Year (I &II semesters)

**B. TECH – AGRICULTURAL ENGINEERING [2024-2028 Batch]**

**Agenda 1:** as per the National Education Policy (NEP).



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## DEPARTMENT OF AGRICULTURAL ENGINEERING

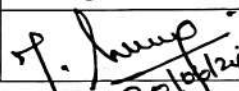
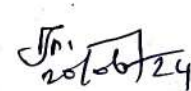


### MINUTES OF THE MEETING

Date of the Meeting: 20.06.2024

Name of the Meeting: Board of Studies

### B. TECH – AGRICULTURAL ENGINEERING

### LIST OF BOARD OF STUDIES MEMBERS

S.No.	Name	Designation & Affiliation	Signature
1	Dr.M.Sivaraj	Professor & Head	 20/06/24
<b>Subject expert from outside the college nominated by Anna University</b>			
2	Dr. R. Prakash	Associate Professor, Department of Civil Engineering, Government College of Engineering, Tirunelveli – 627007.	 20/06/24
<b>Experts from outside the college nominated by RCET</b>			
3	Dr.V.Chelladurai	Professor & Head, Department of Agricultural Engg., Bannari Amman Institute of Technology, Sathyamangalam - 638 401.	 20/06/24
4	Dr.D.Rajkumar	Professor & Head, Department of Agricultural Engineering, RVS Technical Campus, Kannampalayam Post, Sular, Coimbatore – 641 402.	
<b>Representative from Industry</b>			
5	Mr.N. Meganathan	Kongunad Tractors, 791 D- Salem Road, Muthalaipatti, Namakkal – 637003.	online

Meritorious alumnus nominated by Principal			
6	Mr.Zion Stalin	Managing Director. Zion Builders, Kanyakumari.,	S. L. S. S. S.
Faculty Members			
7	Mrs.K.KrishnaVeni	Assistant Professor	[Signature]
8	Mr.Rajiv Gandhi	Assistant Professor	[Signature]
9	Mrs.Nithya.K	Assistant Professor	unlly 20/6/24.
10	Mr.Arunpandian N	Assistant Professor	[Signature]
11	Mr.Venkateshan P	Assistant Professor	P.V.V.
12	Mr.Jeshwin Giftson	Assistant Professor	Jeshwin Giftson 20/6/24
13	Dr.S.Shamna Beegum	ASP / English	S. Shamma Beegum
14	Dr.P. Anurag	Asst HOD / Maths	[Signature]
15	Dr. J. Jesse Pn	HOD - Physic	[Signature]
16	Dr. S. R. K. G.	HOD - Chemistry	[Signature]
17	Dr. E. Michael	ASP / CSE	[Signature]
18	G. Anirudh Lakshmi	AP / CSE	[Signature]
19	Dr.M. F. H. Z. U. A. N.	Prof / Mech	[Signature]
20	Mr. V. Abibekh	AP / MECH	[Signature]
21	G. PRADEESH	AP / Mech	[Signature]
22	L. Hari Gopalakrishnan	AP / CIVIL	[Signature]
Special Invitees			
23	XAVIER R	AP / CIVIL	[Signature]
24	Dr. I. JANI SUBHA	ASP / Chemistry	[Signature]
25	Dr. Benisha R. B.	HOD / BME	[Signature]





5	Mr.Zion Stalin	Managing Director Zion Builders Kanyakumari
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### **AGENDA -1**

Approval of Curriculum & Syllabus for the First Year (I & II semesters) B.Tech Agricultural Engineering [2024-2028 Batch] as per the National Education Policy (NEP).

### **RECOMMENDATIONS OF THE BOARD**

The points that are discussed and the suggestions that have been recommended by the Expert members of Board of Studies are as follows:

S.No.	Points discussed	Action Plan	Responsibility	Target Date
1	The subject of English for engineers should be changed from 0.5 credits to 1 credit.	Rounded off to 1 credit.	Dr.S.Shamna Beegum AP/English	27.06.2024
2	In semester II, the subject Agriculture and Horticulture for Engineers to be removed.	The addition of crop production technology has been made.	Mr. Jeshwin Giftson SP AP/Agri	27.06.2024
3	Changes need to be made to the course code for agriculture subjects.	Changed as per the experts' suggestion.	Dr.M.Sivaraj Prof/Agri	27.06.2024
4	The subject name of Workshop/Manufacturing Practices needs to be changed. 0.5 credits will be replaced with 1 credit	The subject name was modified to 'Manufacturing Practices'. Rounded off to 1 credit	Mr. G.Pradeesh AP/Mech	27.06.2024
5	Presentation and language skills laboratory credits will be modified to include one credit.	Rounded off to 1 credit	Dr.S. Shamna Beegum AP/English	27.06.2024

6	In the III Semester, the Subject of Theory of machines & Strength of Materials are needed to be changed to IV Semester and also the Subject of Programming for Problem solving in Python is needed to increase the credit from 1.5 to 2.	Changed as per the experts' Suggestion.	Mrs.K.KrishnaVeni AP/Agri	27.06.2024
7	In the IV Semester, the Subject of Fluid Mechanics & Hydraulic Machines & Surveying & Leveling are needed to be changed to III Semester and also the Subject of Irrigation & Drainage Engineering is needed to change V Semester.	Changed as per the experts' Suggestion.	Mr.R.Rajiv Gandhi AP/Civil	27.06.2024
8	In the V Semester, the Subject of Machine Design & Business & Managerial Communications are needed to be changed to IV Semester & also Subject of Post-Harvest technology & Value addition of Fruit & Vegetable crops is needed to modify as Post-Harvest Technology.	Changed as per the experts' Suggestion.	Mr.Arunpandian N AP/Agri	27.06.2024
9	In the VI Semester, the Subject of Computer Aided modeling & Assembly Laboratory is needed to increase the credit & also the subject of Agri Business Management & Entrepreneurship is changed from Theory Course to Elective course.	Changed as per the experts' Suggestion	Dr.M.Sivaraj Prof/Agri	27.06.2024
10	In the VII Semester, the subject of Farm Management, production & Resource Economics is changed from Theory Course to Elective course &	Changed as per the experts' Suggestion	Mr.Venkateshan P AP/Agri	27.06.2024



	include the Subject of Remote sensing & Geographical Information System.			
11	In the VIII Semester, the Subject of Project work Phase-II is needed to increase the credit from 5 to 10.	Changed as per the experts' Suggestion.	Mrs.Nithya.K AP/Agri	27.06.2024
12	<p><b><u>Common suggestions given by Expert members.</u></b></p> <p>(i) Text books and reference books should be provided in the latest edition.</p> <p>(ii) 0.5 credits should be modified to 1 credit.</p> <p>(iii) Language and soft skill courses can be reduced and core components can be added.</p> <p>(iv) NPTEL &amp; MOOC Course should be provided for Content beyond Syllabus.</p> <p>(v) E-Commerce in Agriculture to be added for Digital marketing.</p> <p>(vi) The Course code of Agriculture follows AG.</p>	Changed as per the experts' Suggestion.	Mrs.Nithya.K AP/Agri	

Board Members have appreciated the scheme and structure in general and also mentioned more project based learning should be organized in order to mould the students as per the industry expectations. Scheme of Evaluation both theory and practical must be elaborately discussed. It must be transparent and stringent.

### **RECOMMENDATIONS OF THE BOARD**

**The Expert Members approved the Syllabus and Curriculum.**

### **VOTE OF THANKS BY THE CHAIRMAN - Board of Studies**

**The Chairman thanked all the members for having participated in the meeting and contributed in framing the curriculum and syllabi for 2024-2028 batches.**





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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING**

**BOARD OF STUDIES MEETING**

**DATE : 14.06.2024**

**VENUE : CONFERENCE HALL**

**TIME : 10.00 AM**

## CONTENT

S.No.	PARTICULARS	Page No.
1	Agenda for the meeting	3
2	Minutes of the meeting	4
3	Welcome address and Introduction of members by Chairman of Board of Studies	6
4	Agenda 1: Approval of Curriculum & Syllabus for the First Year (I & II semesters) BE Electrical and Electronics Engineering [2024-2028 Batch] as per the National Education Policy (NEP)	6
5	Agenda 2: Approval of Curriculum & Syllabus for the First Year (I & II semesters) ME Embedded System Technologies [2024-2026 Batch] as per the National Education Policy (NEP)	9
6	Recommendations of the Board	6-9
7	Vote of thanks by Chairman of Board of Studies	9

## AGENDA FOR THE MEETING

Agenda 1: Approval of Curriculum & Syllabus for the First Year (I & II semesters) BE Electrical and Electronics Engineering [2024-2028 Batch] as per the National Education Policy (NEP)

Agenda 2: Approval of Curriculum & Syllabus for the First Year (I & II semesters) ME Embedded System Technologies [2024-2026 Batch] as per the National Education Policy (NEP)





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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### MINUTES OF THE MEETING

Date of the Meeting: 14.06.2024

Name of the Meeting: Board of Studies

1. BE - ELECTRICAL AND ELECTRONICS ENGINEERING
2. ME - EMBEDDED SYSTEM TECHNOLOGIES

### LIST OF BOARD OF STUDIES MEMBERS

S.No.	Name	Designation & Affiliation	Signature
	Dr.D.Sam Harison	Chairman, HoD/Professor-EEE, RCET	
<b>Subject expert from outside the college nominated by Anna University</b>			
	Dr.J.Suganthi	Professor, Department of Electrical and Electronics Engineering, Tirunelveli suganthi@gcetly.ac.in	
<b>Experts from outside the college nominated by RCET</b>			
	Dr.B.V.Manikandan	Senior Professor, Department of Electrical and Electronics Engineering, Mepco Schlenk Engineering College, Sivakasi bvmani@mepcoeng.ac.in	
	Dr.H.Vennila	Associate Professor, Department of Electrical and Electronics Engineering, Noorul Islam Centre for Higher Education, Kumaracoil vennilarajesh@yahoo.co.in	
<b>Representative from Industry</b>			
	Mr.G.Ragupathy	Business Head, System Control, Chennai	
<b>Meritorious alumnus nominated by Principal</b>			
	Mr.M.Vigin	Regional Manager, Mektronik Solutions Private Limited	



Faculty Members		
Dr.G.K.Jabash Samuel	Associate Professor, RCET	
Dr.N.Amutha Priya	Associate Professor, RCET	N. Amutha Priya 14/6/24
Mr.P.Jeya Kumar	Vice Principal, RCET	
Dr.D.Binu	Associate Professor, RCET	
Mr.S.Gopa Kumar	Assistant Professor, RCET	
Mr.G.Murugan	Assistant Professor, RCET	
Mrs.S.Nithya	Assistant Professor, RCET	
Mr.C.Basker	Assistant Professor, RCET	
Mr.S.Sanju	Assistant Professor, RCET	
Mr.R.Padma Kumar	Assistant Professor, RCET	
Mr.C.Ebbie Selva Kumar	Assistant Professor, RCET	
Dr.C.Sowthily	Assistant Professor, RCET	
Mr.M.Jibin	Assistant Professor, RCET	
Special Invitees		
Dr.M.EZHILAN	professor / Mech	
G. Pradeesh	AP / Mech	
Abilesh.V	AP / Mech	
NAGARAJAN.R.V	AP / ECE	
Dr. Senthilvel Murugan	Asp / mathematics	
Dr. A. Kalai Selvi	HOD / mca	
Dr. P. Anuska Devi	HOD / Maths	
Dr. J. Jesse Prjy	HOD - Physic	
Dr. Jasmine Jc Shaija	HOD / ECE	
Dr. S. Rathile	HOD / Chemistry	
Dr. S. Shamna Beegum	ASP / English	S. Shamna Beegum
Dr. T. Michael Revins	AOD / CSE	
R. Reno Infanto	AP / CIVIL	
G. Devinigalakkhi	AP / CSE	
Dr. S. Kailai nathan	ASP / mech	
Dr. G. Prem Shankari	ASP / MBA	

## MINUTES OF THE MEETING

Dr.D.Sam Harison, Chairman of Board of Studies, welcomed the Board of Studies members for the first Board of Studies meeting and introduced the significance of autonomy in the context of engineering education from the industry perspective. The chairman briefed the gathering about the regulation to be followed in the department and emphasized the need for framing the curriculum and syllabi based on the inputs from various stake holders.

The agenda was already circulated among the committee members and the following discussions were made based on the agenda.

Dr.J.Suganthi, Professor, Department of Electrical and Electronics Engineering, Tirunelveli, the Subject expert from outside the college nominated by Anna University attended the meeting along with Dr.B.V.Manikandan, Senior Professor, Department of Electrical and Electronics Engineering, Mepco Schlenk Engineering College, Sivakasi, Dr.H.Vennila, Associate Professor, Department of Electrical and Electronics Engineering, Noorul Islam Centre for Higher Education, Kumaracoil, Mr.G.Ragupathy, Business Head, System Control, Chennai and Mr.M.Vigin, Regional Manager, Mektronik Solutions Private Limited. The members appreciated the curriculum and syllabi.

### AGENDA -1

Approval of Curriculum & Syllabus for the First Year (I & II semesters) BE Electrical and Electronics Engineering [2024-2028 Batch] as per the National Education Policy (NEP)

### RECOMMENDATIONS OF THE BOARD

The points that are discussed and the suggestions that have been recommended by the Expert members of Board of Studies are as follows:

S.No.	Points discussed	Action Plan	Responsibility	Target Date
1	<b>Basics of Electrical and Electronics Engineering:</b> <b>UNIT-II</b> <ul style="list-style-type: none"> <li>• Include introduction to poly-phase circuits in Unit II.</li> </ul> <b>UNIT-III</b> <ul style="list-style-type: none"> <li>• Basic Electric Vehicle and its parts to be changed as Applications of DC machines.</li> <li>• Equivalent circuit and OC and SC test have to be removed.</li> </ul> <b>UNIT-V</b> <ul style="list-style-type: none"> <li>• Title should be changed to Sensors and</li> </ul>	Suggestions incorporated	Convener and Course Designers	19.06.24



	<p>its Applications.</p> <ul style="list-style-type: none"> <li>• Change CO5 to Identify the sensors for applications in Engineering.</li> </ul> <p><b>Lab Component</b></p> <ul style="list-style-type: none"> <li>• In lab components, experiments 4-7 has to consolidated to Load test on DC shunt/series motor.</li> <li>• Lab experiments can be conducted using Simulation tools.</li> <li>• Experiments have to be reduced to 6 in numbers.</li> <li>• Experiments 8 and 9 can be combined as Home Automation.</li> <li>• Experiments 11 and 12 can be combined as Study of half and full wave rectifiers.</li> </ul>			
2	<p><b>Fundamentals of Electrical and Electronics Engineering:</b></p> <p><b>UNIT-II</b></p> <ul style="list-style-type: none"> <li>• Include introduction to polyphase circuits in Unit II.</li> </ul> <p><b>UNIT-III</b></p> <ul style="list-style-type: none"> <li>• Basic Electric Vehicle and its parts to be changed as Applications of DC machines.</li> <li>• Equivalent circuit and OC and SC test have to be removed.</li> </ul> <p><b>UNIT-V</b></p> <ul style="list-style-type: none"> <li>• Title should be changed to Sensors and its Applications.</li> <li>• Change CO5 to Identify the sensors for applications in Engineering.</li> </ul> <p><b>Lab Component</b></p> <ul style="list-style-type: none"> <li>• In lab components, experiments 4-7 has to consolidated to Load test on DC shunt motor.</li> <li>• Lab experiments can be conducted using Simulation tools.</li> <li>• Experiments have to be reduced to 6 in numbers.</li> <li>• Experiments 8 and 9 can be combined as Home Automation.</li> <li>• Experiments 11 and 12 can be combined as Study of half and full wave rectifiers.</li> </ul>	Suggestions incorporated	Convener and Course Designers	19.06.24



3	<p><b>Basic Electrical Engineering:</b>  <b>UNIT-III</b></p> <ul style="list-style-type: none"> <li>• Basic Electric Vehicle and its parts to be changed as Applications of DC machines.</li> <li>• Equivalent circuit and OC and SC test have to be removed.</li> </ul> <p><b>UNIT-V</b></p> <ul style="list-style-type: none"> <li>• Title should be changed to Sensors and its Applications.</li> <li>• Change CO5 to Identify the sensors for applications in Engineering.</li> </ul>	Suggestions incorporated	Convener and Course Designers	19.06.24
4	<p><b>Fundamentals of Electrical Engineering:</b>  <b>UNIT-III</b></p> <ul style="list-style-type: none"> <li>• Starting methods of single-phase induction motor has to be removed</li> <li>• In three phase induction motor, applications as to be included.</li> </ul> <p><b>UNIT-IV</b></p> <ul style="list-style-type: none"> <li>• Uses of transformers, equivalent circuit, no load test and load test have to be removed.</li> <li>• For all the machines, construction, principle of operation, Emf equation and applications should alone be included.</li> <li>• Introduction of power system should be removed.</li> <li>• Electric Vehicle should be changed to Introduction of Electric Vehicle.</li> </ul> <p><b>UNIT-V</b></p> <ul style="list-style-type: none"> <li>• Title should be changed to Sensors and its Applications.</li> <li>• Change CO5 to Identify the sensors for applications in Engineering.</li> </ul>	Suggestions incorporated	Convener and Course Designers	19.06.24
5	<p><b>Electric Circuits:</b></p> <ul style="list-style-type: none"> <li>• The course should be framed as Theory course.</li> <li>• Separate laboratory course should be framed.</li> </ul> <p><b>UNIT-I</b></p> <ul style="list-style-type: none"> <li>• Energy sources should be changed as independent and dependent sources.</li> </ul> <p><b>NOTE</b></p> <ul style="list-style-type: none"> <li>• Network analysis and synthesis should</li> </ul>	Suggestions incorporated	Convener and Course Designers	19.06.24

	be added as a unit in this course or as an elective course. <b>Lab Component:</b> <ul style="list-style-type: none"> <li>Specify the simulation tool as MATLAB/PSpice</li> <li>Experiment 1 &amp; 2 should be combined.</li> <li>Experiments 6, 7 &amp; 8 should be combined.</li> <li>Number of experiments should be limited to 10.</li> </ul>			
6	<b>Circuit Analysis:</b> <b>Lab Component:</b> <ul style="list-style-type: none"> <li>Specify the simulation tool as MATLAB/PSpice               <ul style="list-style-type: none"> <li>Number of experiments should be limited to 6.</li> </ul> </li> </ul>	Suggestions incorporated	Convener and Course Designers	19.06.24

### AGENDA -2

Approval of Curriculum & Syllabus for the First Year (I & II semesters) ME Embedded System Technologies [2024-2026 Batch] as per the National Education Policy (NEP)

### RECOMMENDATIONS OF THE BOARD

The Expert members of Board of Studies approved the framed Curriculum and Syllabi.

### VOTE OF THANKS BY THE CHAIRMAN - Board of Studies

The Chairman thanked all the members for having participated in the meeting and contributed in framing the curriculum and syllabi for 2024-2028 batch.





**ROHINI**  
COLLEGE OF ENGINEERING & TECHNOLOGY

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## DEPARTMENT OF CIVIL ENGINEERING

### BOARD OF STUDIES MEETING

**DATE : 20.06.2024**

**VENUE : Conference Hall**

**TIME : 10.00am – 1.00pm**



## CONTENT

S.No.	PARTICULARS	Page No.
1	Agenda for the meeting	3
2	Minutes of the meeting	4
3	Agenda 1: Details	7
4	Agenda 2: Details	8
5	Recommendations of the Board	11
6	Vote of thanks by Chairman of Board of Studies	11

## AGENDA FOR THE MEETING

Approval of Curriculum & Syllabus for the First Year (I & II semesters)

**Agenda 1: BE Civil Engineering [2024-2028 Batch]** as per the National Education Policy (NEP).

Approval of Curriculum & Syllabus for the First Year (I & II semesters)

**Agenda 2: ME Construction Engineering and Management [2024-2026 Batch]** as per the National Education Policy (NEP)





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### DEPARTMENT OF CIVIL ENGINEERING

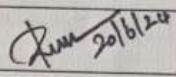
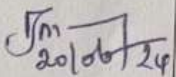
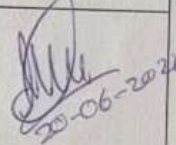
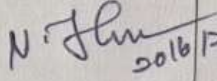
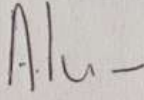
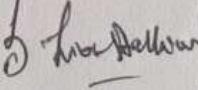
### MINUTES OF THE MEETING

Date of the Meeting: 20.06.2024

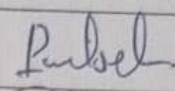
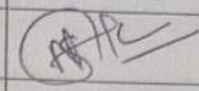
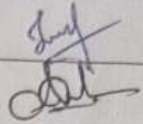
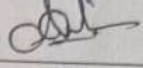
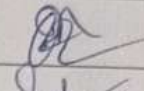
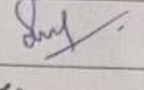
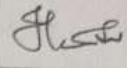

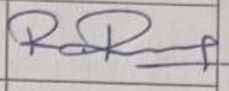
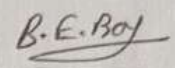
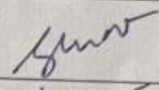
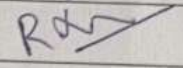
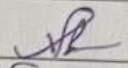
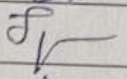

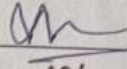
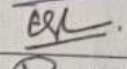
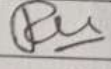
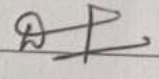
Name of the Meeting: Board of Studies

1. BE – CIVIL ENGINEERING
2. ME – CONSTRUCTION ENGINEERING AND MANAGEMENT

#### LIST OF BOARD OF STUDIES MEMBERS

S.No.	Name	Designation & Affiliation	Signature
1	Dr.J.Sahaya Ruben	Professor & Head	
<b>Subject expert from outside the college nominated by Anna University</b>			
2	Dr. R. Prakash	Associate Professor Department of Civil Engineering, Government College of Engineering, Tirunelveli - 627007	
<b>Experts from outside the college nominated by RCET</b>			
3	Dr. T.S. Anantha Singh	Assistant Professor, Department of Civil Engineering, National Institute of Technology Calicut- 673 601	
4	Dr.N. Ilavarasan	Assistant Professor, Department of Civil Engineering UCE-BIT Campus Tiruchirappali -620 024	
<b>Representative from Industry</b>			
5	Mr.A.Praveen Arumugasamy	Managing Director PKM Infrastructure Madurai -625 020	
<b>Meritorious alumnus nominated by Principal</b>			
6	Mr.S.Zion Stallion	Managing Director Zion Builders Kanyakumari-629401	



Faculty Members			
7	Dr. M. Tamil Selvi	Professor	
8	Dr. N.Suthan Kumar	Associate Professor	
9	Dr. V.Jeyanthi Vineetha	Associate Professor	
10	Mr. A.Ananth	Associate Professor	
11	Mr. K.Ajan	Associate Professor	
12	Mrs. T.Suthamalli	Assistant Professor	
13	Mr. L.Hari Gopala Krishnan	Assistant Professor	
14	Mrs. R.K.Aswini	Assistant Professor	
15	Mrs. R. Reno Infanto	Assistant Professor	
16	Mr. B. Easwara Thayabalan	Assistant Professor	
17	Mr. G .Michel Theivadurai	Assistant Professor	
18	Mr. R Xavier	Assistant Professor	
Special Invitees			
19	Dr. P. Anusha Devi	ASP / Maths	
20	Dr. J.Jesse Pius	HOD - Physin.	
21	Dr. Tasmeera F.e sheja.	HOD / ECE	
22	Dr. D. Bavin	ASP / EEE	
23	Dr. M. E2H2 LAN	Prof / mech	
24	Dr. I. Michael Revins	ASP / CSE	
25	G. Devirisalaktchi	AP / CSE	
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## MINUTES OF THE MEETING

Dr.J. Sahaya Ruben, Chairman of Board of Studies, welcomed the Board of Studies members for the first Board of Studies meeting and introduced the significance of autonomy in the context of engineering education from the industry perspective. The chairman briefed the gathering about the regulation to be followed in the department and emphasized the need for framing the curriculum and syllabi based on the inputs from various stake holders.

The agenda was already circulated among the committee members and the following discussions were made based on the agenda.

### Board of study Expert details

1	Dr. R. Prakash	Associate Professor Department of Civil Engineering, Government College of Engineering, Tirunelveli - 627007
2	Dr. T.S Anantha Singh	Assistant Professor, Department of Civil Engineering, National Institute of Technology Calicut- 673 601
3	Dr.N. Ilavarasan	Assistant Professor, Department of Civil Engineering UCE-BIT Campus Tiruchirappali -620 024
4	Mr.A.Praveen Arumugasamy	Managing Director PKM Infrastructure Madurai -625 020
5	Mr.S.Zion Stallion	Managing Director Zion Builders Kanyakumari-629401



## MINUTES OF THE MEETING

### AGENDA -1

Approval of Curriculum & Syllabus for the First Year (I & II semesters) BE Civil Engineering [2024-2028 Batch] as per the National Education Policy (NEP)

### RECOMMENDATIONS OF THE BOARD

The points that are discussed and the suggestions that have been recommended by the Expert members of Board of Studies are as follows:

S.N o.	Points discussed	Action Plan	Responsibility	Target Date
1	Fundamentals of Electrical and Electronics Engineering can be changed as Fundamentals of Basic Engineering incorporating unit 3 and unit 4 altogether as one unit and remaining unit concentrated in Mechanical engineering such as boilers, turbines other mechanical structures	Mechanical topics such as boilers, turbines other mechanical structures to be included.	Dr. D.Sam Harrison, Prof/EEE  and  Dr. Kailainathan, AsP/Mech	27/06/2024
2	In curriculum, Engineering Geology which is planned to offer in semester II can be shifted to semester III as lateral entry students will be lack of knowledge about the subject. Instead, Strength of Materials I which is planned to offer in semester III can be transferred to semester II since lateral entry students already avail the knowledge of strength of material I.	Subjects to be shifted as per the experts suggestions	A.Ananth, AP/Civil	24/06/2024



3	Programming for problem solving in C which is planned to offer in semester II as theory course with laboratory component and programming for problem solving in python which is planned to offer in semester III as laboratory can be combined together in semester II itself as for Civil Engineering is concerned.	Merged as a single subject as fundamentals of python and C programming	Mrs. G. Devi Vishalakshi, AP/CSE	27/06/2024
4	In Engineering Graphics and Design, it is found that topics such as Auxiliary Projection Method and Traces which is more important for Civil Engineering point of view is missing and observed that syllabus is lengthy.	May be included with the approval of Mechanical BOS, Expert members.	Dr.M.Ezhilan, Prof/Mech	27/06/2024
5	Regarding the syllabus of Engineering Geology the course outcomes are asked to fix in K1 and K2 level of Bloom's Taxonomy. The content of syllabus is appreciated. In unit 2, it is suggested to include the applications along with the physical properties of minerals. In unit 5, it is insisted to add fundamentals of remote sensing.	Revise and fix the cognitive level as per the experts suggestions	Mr.L.Harigopal a Krishnan, AP/Civil	27/06/2024
6	Allot credit 4 to surveying which is planned to offer in semester III as surveying I and surveying II are clubbed together.	Credit can be changed as per the experts suggestions	Dr. M.Tamil Selvi, Prof/ Civil	27/06/2024

7	<p><b><u>Common suggestions given by Expert members</u></b></p> <p>a) Language and soft skill courses can be reduced and core components can be added.</p> <p>b) As per NEP, along with Lecture, Tutorial, Practical and Credit it is suggested to add Outsided effort and assessment can be done by qualitatively without affecting the credit.</p> <p>c) Building Planning and Computer Aided Civil Engineering Drawing offered in semester III can be changed as Functional Design of Building and Drawing.</p> <p>d) 0.5 credits should be modified to 1 credit</p> <p>e) Text books and reference books should be provided in the latest edition</p>	<p>All suggestions will be incorporated as per the experts recommendations</p>	<p>Mr.K.Ajan, AP/Civil</p>	<p>27/06/2024</p>
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Board Members have appreciated the scheme and structure in general and also mentioned more project based learning should be organized in order to develop the students as per the industry expectations. Scheme of Evaluation both theory and practical must be elaborately discussed. It must be transparent and stringent.



## AGENDA -2

Approval of Curriculum & Syllabus for the First Year (I & II semesters) ME Construction Engineering and Management [2024-2026 Batch] as per the National Education Policy (NEP)

The points that are discussed and the suggestions that have been recommended by the Expert members of Board of Studies are as follows:

### RECOMMENDATIONS OF THE BOARD

S.No.	Points discussed	Action Plan	Responsibility	Target Date
1	As for PG programme, there is no change in syllabus. It is suggested, if the students completed all the theory courses in the first year of his/her PG programme, then the elective courses offered at semester III and semester IV can be dropped by doing NPTEL course as elective. This period can be utilized to get industrial exposure for the wellbeing of students. Mapping can be done regarding this.	May be included in the regulation	Dr. N.Suthan Kumar	27/06/2024
2	It was suggested to include the latest books by renowned authors and publishers as a part of text/reference books.	Latest edition of text/reference books added as per the experts suggestions	All faculty	27/06/2024

The Expert Members approved the Syllabus and Curriculum. Also Chairman requested all the BOS Members to also review the COs of all the subjects. BOS members reviewed the COs and given their suggestion to refer the Bloom's Taxonomy while framing the Cos.

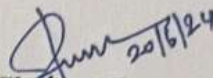


## RECOMMENDATIONS OF THE BOARD

The Expert Members Approved the syllabus and curriculum of UG –Civil Engineering an PG-Construction Engineering and Management.

## VOTE OF THANKS BY THE CHAIRMAN – Board of Studies

The Chairman thanked all the members for having participated in the meeting and contributed in framing the curriculum and syllabus for 2024-2028 batch.

  
20/6/24

Chairman

Board of Studies

Department of Civil Engineering  
Rohini College of Engineering  
& Technology



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## DEPARTMENT OF CIVIL ENGINEERING

### BOARD OF STUDIES MEETING

**DATE : 20.06.2024**

**VENUE : Conference Hall**

**TIME : 10.00am – 1.00pm**

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S.No.	PARTICULARS	Page No.
1	Agenda for the meeting	3
2	Minutes of the meeting	4
3	Agenda 1: Details	7
4	Agenda 2: Details	8
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6	Vote of thanks by Chairman of Board of Studies	11



## AGENDA FOR THE MEETING

Approval of Curriculum & Syllabus for the First Year (I & II semesters)

**Agenda 1: BE Civil Engineering [2024-2028 Batch]** as per the National Education Policy (NEP).

Approval of Curriculum & Syllabus for the First Year (I & II semesters)

**Agenda 2: ME Construction Engineering and Management [2024-2026 Batch]** as per the National Education Policy (NEP)



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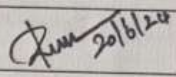
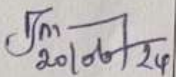
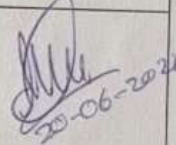
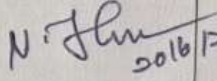
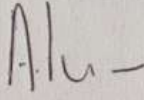
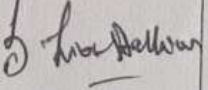
### MINUTES OF THE MEETING

Date of the Meeting: 20.06.2024

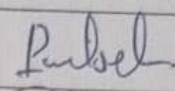
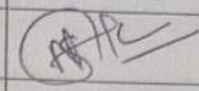
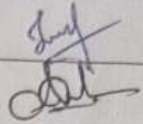
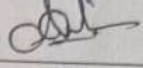
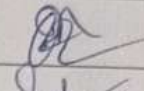
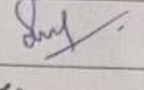
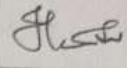

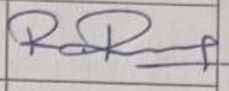
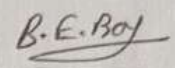
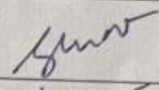
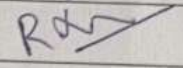
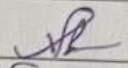
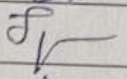

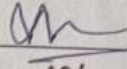
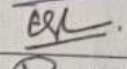
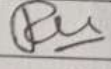
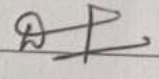
Name of the Meeting: Board of Studies

1. BE – CIVIL ENGINEERING
2. ME – CONSTRUCTION ENGINEERING AND MANAGEMENT

#### LIST OF BOARD OF STUDIES MEMBERS

S.No.	Name	Designation & Affiliation	Signature
1	Dr.J.Sahaya Ruben	Professor & Head	
<b>Subject expert from outside the college nominated by Anna University</b>			
2	Dr. R. Prakash	Associate Professor Department of Civil Engineering, Government College of Engineering, Tirunelveli - 627007	
<b>Experts from outside the college nominated by RCET</b>			
3	Dr. T.S. Anantha Singh	Assistant Professor, Department of Civil Engineering, National Institute of Technology Calicut- 673 601	
4	Dr.N. Ilavarasan	Assistant Professor, Department of Civil Engineering UCE-BIT Campus Tiruchirappali -620 024	
<b>Representative from Industry</b>			
5	Mr.A.Praveen Arumugasamy	Managing Director PKM Infrastructure Madurai -625 020	
<b>Meritorious alumnus nominated by Principal</b>			
6	Mr.S.Zion Stallion	Managing Director Zion Builders Kanyakumari-629401	



Faculty Members			
7	Dr. M. Tamil Selvi	Professor	
8	Dr. N.Suthan Kumar	Associate Professor	
9	Dr. V.Jeyanthi Vineetha	Associate Professor	
10	Mr. A.Ananth	Associate Professor	
11	Mr. K.Ajan	Associate Professor	
12	Mrs. T.Suthamalli	Assistant Professor	
13	Mr. L.Hari Gopala Krishnan	Assistant Professor	
14	Mrs. R.K.Aswini	Assistant Professor	
15	Mrs. R. Reno Infanto	Assistant Professor	
16	Mr. B. Easwara Thayabalan	Assistant Professor	
17	Mr. G .Michel Theivadurai	Assistant Professor	
18	Mr. R Xavier	Assistant Professor	
Special Invitees			
19	Dr. P. Anusha Devi	ASP / Maths	
20	Dr. J.Jesse Pius	HOD - Physics	
21	Dr. Tasmeena F.e sheja.	HOD / ECE	
22	Dr. D. Bhanu	ASP / EEE	
23	Dr. M. E2H2 LAN	Prof / Mech	
24	Dr. I. Michael Revins	ASP / CSE	
25	G. Devirisalaktchi	AP / CSE	
26			
27			
28			
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30			



## MINUTES OF THE MEETING

Dr.J. Sahaya Ruben, Chairman of Board of Studies, welcomed the Board of Studies members for the first Board of Studies meeting and introduced the significance of autonomy in the context of engineering education from the industry perspective. The chairman briefed the gathering about the regulation to be followed in the department and emphasized the need for framing the curriculum and syllabi based on the inputs from various stake holders.

The agenda was already circulated among the committee members and the following discussions were made based on the agenda.

### Board of study Expert details

1	Dr. R. Prakash	Associate Professor Department of Civil Engineering, Government College of Engineering, Tirunelveli - 627007
2	Dr. T.S Anantha Singh	Assistant Professor, Department of Civil Engineering, National Institute of Technology Calicut- 673 601
3	Dr.N. Ilavarasan	Assistant Professor, Department of Civil Engineering UCE-BIT Campus Tiruchirappali -620 024
4	Mr.A.Praveen Arumugasamy	Managing Director PKM Infrastructure Madurai -625 020
5	Mr.S.Zion Stallion	Managing Director Zion Builders Kanyakumari-629401

## MINUTES OF THE MEETING

### AGENDA -1

Approval of Curriculum & Syllabus for the First Year (I & II semesters) BE Civil Engineering [2024-2028 Batch] as per the National Education Policy (NEP)

### RECOMMENDATIONS OF THE BOARD

The points that are discussed and the suggestions that have been recommended by the Expert members of Board of Studies are as follows:

S.N o.	Points discussed	Action Plan	Responsibility	Target Date
1	Fundamentals of Electrical and Electronics Engineering can be changed as Fundamentals of Basic Engineering incorporating unit 3 and unit 4 altogether as one unit and remaining unit concentrated in Mechanical engineering such as boilers, turbines other mechanical structures	Mechanical topics such as boilers, turbines other mechanical structures to be included.	Dr. D.Sam Harrison, Prof/EEE  and  Dr. Kailainathan, AsP/Mech	27/06/2024
2	In curriculum, Engineering Geology which is planned to offer in semester II can be shifted to semester III as lateral entry students will be lack of knowledge about the subject. Instead, Strength of Materials I which is planned to offer in semester III can be transferred to semester II since lateral entry students already avail the knowledge of strength of material I.	Subjects to be shifted as per the experts suggestions	A.Ananth, AP/Civil	24/06/2024



3	Programming for problem solving in C which is planned to offer in semester II as theory course with laboratory component and programming for problem solving in python which is planned to offer in semester III as laboratory can be combined together in semester II itself as for Civil Engineering is concerned.	Merged as a single subject as fundamentals of python and C programming	Mrs. G. Devi Vishalakshi, AP/CSE	27/06/2024
4	In Engineering Graphics and Design, it is found that topics such as Auxiliary Projection Method and Traces which is more important for Civil Engineering point of view is missing and observed that syllabus is lengthy.	May be included with the approval of Mechanical BOS, Expert members.	Dr.M.Ezhilan, Prof/Mech	27/06/2024
5	Regarding the syllabus of Engineering Geology the course outcomes are asked to fix in K1 and K2 level of Bloom's Taxonomy. The content of syllabus is appreciated. In unit 2, it is suggested to include the applications along with the physical properties of minerals. In unit 5, it is insisted to add fundamentals of remote sensing.	Revise and fix the cognitive level as per the experts suggestions	Mr.L.Harigopal a Krishnan, AP/Civil	27/06/2024
6	Allot credit 4 to surveying which is planned to offer in semester III as surveying I and surveying II are clubbed together.	Credit can be changed as per the experts suggestions	Dr. M.Tamil Selvi, Prof/ Civil	27/06/2024



7	<p><b><u>Common suggestions given by Expert members</u></b></p> <p>a) Language and soft skill courses can be reduced and core components can be added.</p> <p>b) As per NEP, along with Lecture, Tutorial, Practical and Credit it is suggested to add Outsided effort and assessment can be done by qualitatively without affecting the credit.</p> <p>c) Building Planning and Computer Aided Civil Engineering Drawing offered in semester III can be changed as Functional Design of Building and Drawing.</p> <p>d) 0.5 credits should be modified to 1 credit</p> <p>e) Text books and reference books should be provided in the latest edition</p>	<p>All suggestions will be incorporated as per the experts recommendations</p>	<p>Mr.K.Ajan, AP/Civil</p>	<p>27/06/2024</p>
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Board Members have appreciated the scheme and structure in general and also mentioned more project based learning should be organized in order to develop the students as per the industry expectations. Scheme of Evaluation both theory and practical must be elaborately discussed. It must be transparent and stringent.

## AGENDA -2

Approval of Curriculum & Syllabus for the First Year (I & II semesters) ME Construction Engineering and Management [2024-2026 Batch] as per the National Education Policy (NEP)

The points that are discussed and the suggestions that have been recommended by the Expert members of Board of Studies are as follows:

### RECOMMENDATIONS OF THE BOARD

S.No.	Points discussed	Action Plan	Responsibility	Target Date
1	As for PG programme, there is no change in syllabus. It is suggested, if the students completed all the theory courses in the first year of his/her PG programme, then the elective courses offered at semester III and semester IV can be dropped by doing NPTEL course as elective. This period can be utilized to get industrial exposure for the wellbeing of students. Mapping can be done regarding this.	May be included in the regulation	Dr. N.Suthan Kumar	27/06/2024
2	It was suggested to include the latest books by renowned authors and publishers as a part of text/reference books.	Latest edition of text/reference books added as per the experts suggestions	All faculty	27/06/2024

The Expert Members approved the Syllabus and Curriculum. Also Chairman requested all the BOS Members to also review the COs of all the subjects. BOS members reviewed the COs and given their suggestion to refer the Bloom's Taxonomy while framing the Cos.

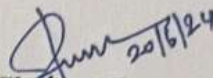


## RECOMMENDATIONS OF THE BOARD

The Expert Members Approved the syllabus and curriculum of UG –Civil Engineering an PG-Construction Engineering and Management.

## VOTE OF THANKS BY THE CHAIRMAN – Board of Studies

The Chairman thanked all the members for having participated in the meeting and contributed in framing the curriculum and syllabus for 2024-2028 batch.

  
20/6/24

Chairman

Board of Studies

Department of Civil Engineering  
Rohini College of Engineering  
& Technology

**DEPARTMENT OF COMPUTER APPLICATIONS**

**BOARD OF STUDIES MEETING**

**DATE : 18.06.2024**

**VENUE : Conference Hall**

**TIME : 10.00am – 1.00pm**



## CONTENT

S.No.	PARTICULARS	Page No.
1	Agenda for the meeting	3
2	Minutes of the meeting	6
3	Welcome address and Introduction of members by Chairman of Board of Studies	6
4	Agenda 1: Syllabus for semester I and II MCA Programme Details	6
5	Recommendations of the Board	12
6	Vote of thanks by Chairman of Board of Studies	12

## AGENDA FOR THE MEETING

**Agenda 1:** Approval of Curriculum & Syllabus for the First Year (I & II Semesters) MCA [2024 - 2026 Batch] as per the National Education Policy (NEP)





# ROHINI

COLLEGE OF ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)

Approved by ANTE and Affiliated to Anna University (An ISO Certified Institution),  
Accredited with A+ Grade by NAAC  
Recognized under Section 2(f) of University Grant Commission UGC ACT 1956

## DEPARTMENT OF COMPUTER APPLICATIONS MEMBERS PRESENT

Date of the Meeting: 18.06.2024

Name of the Meeting: Board of Studies

### 1. MCA- MASTER OF COMPUTER APPLICATIONS LIST OF BOARD OF STUDIES MEMBERS

S.No.	Name	Designation & Affiliation	Signature
1	Dr.Kalai Selvi A	Professor & Head, Department of MCA, RCET:	
Subject expert from outside the college nominated by Anna University			
1	Dr. S. Muthuramalingam	Professor, Department of Information Technology, Thiagarajar College of Engineering, Madurai.	
Experts from outside the college nominated by RCET			
1	Dr.G.Muthulakshmi	Assistant Professor, Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli.	
2	Dr. Jaya Kumar	Professor, Department of MCA, Noorul Islam Centre for Higher Education, Kumaracoil.	
Representative from Industry			

3	Mr. Hari Priyadarshan	Supervising Associate, Ernst and Young Global Delivery Services, Trivandrum	<i>[Signature]</i>
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Meritorious alumnus nominated by Principal

1	Ms. Varshini V	AI/ML Computational Science Analyst, Accenture Pvt Ltd, Bangalore,	<i>[Signature]</i>
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Faculty Members

1	Mrs. Preethi A.R	Assistant Professor, Department of MCA, RCET.	<i>[Signature]</i>
2	Ms. Meenakshi.N	Assistant Professor, Department of MCA, RCET.	<i>[Signature]</i>

Special Invitees

1.	<i>Dr. V. I. Mathur</i>	<i>Professor Mathematics</i>	<i>[Signature]</i>
2.	<i>T. Sridarson</i>	<i>HOD, AIOB, RCET</i>	<i>[Signature]</i>
3.	<i>Dr. Michael Revina</i>	<i>HOD, CSE, RCET</i>	<i>[Signature]</i>
4.	<i>C. Shyamala Devi</i>	<i>AP/CSE - RCET</i>	<i>[Signature]</i>
5.	<i>Anuja R</i>	<i>AP/CSE - RCET</i>	<i>[Signature]</i>
6.	<i>B. Sivakumar</i>	<i>AP/CSE - RCET</i>	<i>[Signature]</i>



## MINUTES OF MEETING

Dr. A.Kalai Selvi, Chairman of Board of Studies, welcomed the Board of Studies for the Board of Studies meeting and introduced the significance of autonomy in the context of Engineering education from the industry perspective. The Chairman briefed the gathering about the regulation to be followed in the department and emphasized the need for framing the curriculum and syllabi based on the inputs from various stakeholders.

The Agenda was already circulated among the committee members and the following discussions were made based on the Agenda.

Dr. Muthuramalingam, Professor, Department of Information Technology, Thiagarajar College of Engineering and Technology, the subject expert from outside the college nominated by Anna University attended the meeting along with Dr. Jayakumar, Professor, Department of Computer Applications, Noorul Islam Centre for Higher Education, Kumaracoil, Dr. G. Muthulakshmi, Assistant Professor, Department of Computer Science and Engineering, Manonmaniam Sundaranar University, Ms. Varshini, AI/ML Computational Science Analyst, Accenture Pvt Ltd., Mr. Hari Priyadharshan, Supervising Associate, Ernst and Young Global Delivery Services, Trivandrum attended the meeting in virtual mode. The members appreciated the curriculum and syllabi.

### AGENDA - 1

Approval of Curriculum & Syllabus for the First Year (I & II Semesters) MCA [2024 - 2026 Batch] as per the National Education Policy (NEP)

**DEPARTMENT OF MECHANICAL ENGINEERING**

**BOARD OF STUDIES MEETING**

**DATE : 15.06.2024**

**VENUE : Conference Hall**

**TIME : 10.00am – 1.00pm**



## CONTENT

S.No.	PARTICULARS	Page No.
1	Agenda for the meeting	3
2	Minutes of the meeting	4
3	Welcome address and Introduction of members by Chairman of Board of Studies	6
4	Agenda 1: Details	7
5	Agenda 2: Details	8
6	Agenda 3: Details	8
7	Recommendations of the Board	9
8	Vote of thanks by Chairman of Board of Studies	9

## AGENDA FOR THE MEETING

Approval of Curriculum & Syllabus for the First Year (I & II semesters)  
**Agenda 1:** **BE Mechanical Engineering** [2024-2028 Batch] as per the National Education Policy (NEP).

Approval of Curriculum & Syllabus for the First Year (I & II semesters)  
**Agenda 2:** **ME Thermal Engineering** [2024-2026 Batch] as per the National Education Policy (NEP)

Approval of Curriculum & Syllabus for the First Year (I & II semesters)  
**Agenda 3:** **ME Industrial Safety Engineering** [2024-2026 Batch] as per the National Education Policy (NEP)



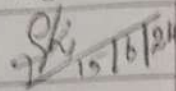
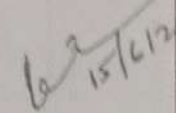
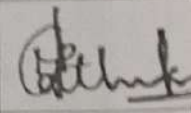
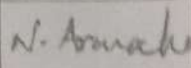
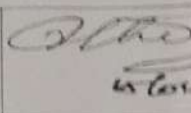
DEPARTMENT OF MECHANICAL ENGINEERING  
MINUTES OF THE MEETING

Date of the Meeting: 15.06.2024

Name of the Meeting: Board of Studies

1. BE - MECHANICAL ENGINEERING
2. ME - THERMAL ENGINEERING
3. ME - INDUSTRIAL SAFETY ENGINEERING

LIST OF BOARD OF STUDIES MEMBERS

S.No.	Name	Designation & Affiliation	Signature
1	Dr. S. Kailainathan	Associate Professor & Head	
Subject expert from outside the college nominated by Anna University			
2	Dr. D. Jebakani	Professor, Department of Mechanical Engineering, Government College of Engineering, Tirunelveli	
Experts from outside the college nominated by RCET			
3	Dr. M. R. Pratheesh Kumar	Associate Professor, Department of Production Engineering, PSG College of Technology, Coimbatore	
4	Dr. Arunachalam N	Professor, Department of Mechanical Engineering, Indian Institute of Technology, Chennai	
Representative from Industry			
5	Dr. Herbert Raj	Principal Engineer, System Modelling Team, Lennox India Technology Centre, Chennai	

Meritorious alumnus nominated by Principal

6	Mr. Bebin	Sub Contractor, Avasarala	Bebin
Faculty Members			
7	Dr. R. Rajesh	Professor	[Signature]
8	Dr.M.Ezhilan	Professor	[Signature] 15/6/24
9	Dr.D.Prince Sahaya Sudherson	Associate Professor	[Signature] 15.06.2024
10	Dr.A.Sagai Francis Britto	Associate Professor	[Signature] 15/06/24
11	Dr. C. Antony Vasantha Kumar	Associate Professor	[Signature]
12	Mr.P.Navin Jass	Assistant Professor	[Signature] 15/6/2024
13	Mr.G.Pradeesh	Assistant Professor	[Signature] 15/6/24
14	Mr.R.David	Assistant Professor	[Signature]
15	Mr.M.Rajakumar	Assistant Professor	[Signature]
16	Mr.V.Abilesh	Assistant Professor	[Signature] 15/6/24
17	Mr.S.T.Arjun	Assistant Professor	[Signature] 15/6/24
18	Mr.V.P.Prawyn Jeba	Assistant Professor	[Signature]
19	Mr.K.Rajasuthan	Assistant Professor	[Signature] 15/6/24
20	Mr. S.Wesley Jacob	Assistant Professor	[Signature] 15/6/24
21	Mr. Suren C	Assistant Professor	[Signature]
Special Invitees			
22	Dr. S. Shamna Beegum	Associate Professor	[Signature] S. Shamna Beegum
23	Dr. S. Rathika	Associate Professor	[Signature]
24	Dr. P. Anusha Devi	Associate Professor	[Signature]
25	Dr. J. Jesse Pius	Associate Professor	[Signature]
26	Mrs. G.Devivisalakshi	Assistant Professor	[Signature]
27	Dr.Jackson Daniel	Professor	[Signature]
28	Mr.S.Soban	Assistant Professor	[Signature]
29	Dr.D.samharison	Professor	[Signature]



## WELCOMED THE BOARD OF STUDIES MEMBERS

Dr. S. Kailainathan, Chairman of Board of Studies, welcomed the Board of Studies members for the first Board of Studies meeting and introduced the significance of autonomy in the context of engineering education from the industry perspective. The chairman briefed the gathering about the regulation to be followed in the department and emphasized the need for framing the curriculum and syllabi based on the inputs from various stake holders.

The agenda was already circulated among the committee members and the following discussions were made based on the agenda.

### Bos expert details

1	Dr. D. Jebakani	Professor, Department of Mechanical Engineering, Government College of Engineering, Tirunelveli
2	Dr. M. R. Pratheesh Kumar	Associate Professor, Department of Production Engineering, PSG College of Technology, Coimbatore
3	Dr. Arunachalam N	Professor, Department of Mechanical Engineering, Indian Institute of Technology, Chennai
4	Dr. Herbert Raj	Principal Engineer, System Modelling Team, Lennox India Technology Centre, Chennai
5	Mr. Bebin	Sub-Contractor, Avasarala

### AGENDA -1

Approval of Curriculum & Syllabus for the First Year (I & II semesters) BE Mechanical Engineering [2024-2028 Batch] as per the National Education Policy (NEP)

#### RECOMMENDATIONS OF THE BOARD

The points that are discussed and the suggestions that have been recommended by the Expert members of Board of Studies are as follows:

S.No	Points discussed	Action Plan	Responsibility	Target Date
1	Fundamentals of Electronics Engineering subject unit 2 must be modified	Counters is to be included	Dr.Jackson Daniel	20.06.2024
2	Programming for problem solving in C subject unit 1 must be elaborated	Problem Solving Techniques viz. pseudo code, algorithm, flowcharts etc. is to be elaborated	Mrs. G. Devivisalakshi	20.06.2024
3	Workshop name is incomplete	Name is to be modified as Workshop Practice	Mr. G. Pradeesh	20.06.2024
4	In English for Engineers subject the 0.5 Credit must be modified with 1 credit	Check whether 0.5 credit is accepted as per norms	Dr. S. Shamna Beegum	20.06.2024
5	Basic civil and mechanical Engineering Subject need to be realigned giving two units for covering civil subjects	First two units are to be modified as per the experts suggestion	Mr. V. Abilesh	20.06.2024

Board Members have appreciated the scheme and structure in general and also mentioned more project based learning should be organized in order to mould the students as per the industry expectations. Scheme of Evaluation both theory and practical must be elaborately discussed. It must be transparent and stringent.



### AGENDA -2

Approval of Curriculum & Syllabus for the First Year (I & II semesters) ME Thermal Engineering [2024-2026 Batch] as per the National Education Policy (NEP)

The Expert Members approved the Syllabus and Curriculum. Also Chairman BOE requested all the BoS Members to also review the COs of all the subjects. BoS members reviewed the Cos and given their suggestion to refer the Bloom's Taxonomy while framing the Cos. It was suggested to include the latest books by renowned authors and publishers as a part of text/reference books.

### AGENDA -3

Approval of Curriculum & Syllabus for the First Year (I & II semesters) ME Industrial Engineering [2024-2026 Batch] as per the National Education Policy (NEP)

### ACTION TAKEN

Action were taken for the points that are discussed and the suggestions that have been recommended by the Expert members of Board of Studies are as follows:

S. No.	Points discussed	Action Taken
1	Fundamentals of Electronics Engineering subject unit 2 must be modified	Counters are included as per the experts suggestion
2	Programming for problem solving in C subject unit 1 must be elaborated	Problem Solving Techniques viz pseudo code, algorithm, flowcharts etc. are elaborated as suggested
3	Workshop name is incomplete	Name has been modified as Workshop Practice
4	In English for Engineers subject the 0.5 Credit must be modified with 1 credit	As per the Anna University curriculum 0.5 credits are accepted
5	Basic civil and mechanical Engineering Subject need to be realigned giving two units for covering civil subjects	First two units were modified as per the experts suggestion

### RECOMMENDATIONS OF THE BOARD

The Expert Members approved the Syllabus and Curriculum.

### VOTE OF THANKS BY THE CHAIRMAN – Board of Studies

The Chairman thanked all the members for having participated in the meeting and contributed in framing the curriculum and syllabi for 2024-2028 batch.