

PAAVAI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF AERONAUTICAL ENGINEERING

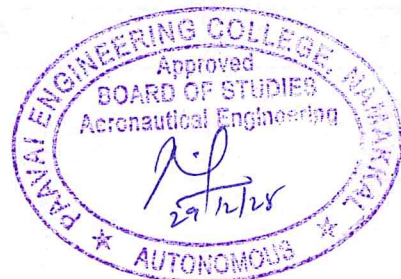
Minutes of 13<sup>th</sup> Board of Studies Meeting

Venue: Online Mode.

Date and Time: 29.12.2025, 3.30 p.m.

The 13<sup>th</sup> Board of studies meeting of the Department of Aeronautical Engineering was held on 29.12.2025 (Monday), at 3.30 p.m. through online mode, Paavai Engineering College, Pachal. The following members were present in the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.R.Arravind	HoD/ Aero	Chairman	Paavai Engineering College, Namakkal.
2.	Dr.A.Saravanakumar	Assistant Professor (Sr.Gr.) / Aerospace	University Nominee	MIT Campus, Chennai
3.	Dr.C.Ramesh,	Associate Professor/Aero	Academic Expert	Hindustan Institute of Technology and Science, Chennai
4.	Dr.T.Selvakumaran	Associate Professor/ Aero	Academic Expert	SRM Institute of Science & Technology, Chennai
5.	Mr.S.Gopinathan	Founder & Director	Industry Expert	Dileka Innovations, Nilgiris.
6.	Ms.C.Dhivya	Part Applicability Specialist	Alumni	Boeing India Pvt Ltd, Chennai
7.	Dr.K.Selvi	Dean Academics	Special Invitee	Paavai Engineering College
8.	Dr.D.Deepak	ASP/Aero	BoS Members	Paavai Engineering College
9.	Mr.P.Prasanna	AP/Aero		Paavai Engineering College
10.	Mr.D.Rajkumar	ASP/Aero		Paavai Engineering College
11.	Mr.G.Sasi	AP/Aero		Paavai Engineering College
12.	Mr.K.Gokulnath	AP/Aero		Paavai Engineering College
13.	Mr.S.Suthagar	AP/Aero		Paavai Engineering College
14.	Mrs.S.MaryPriya	AP/Aero		Paavai Engineering College
15.	Mr.S.Suryakumar	AP/ Aero		Paavai Engineering College

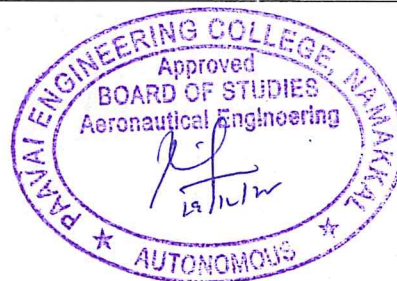


## Agenda

➤	Welcome Address
➤	Vision and mission of Institution and Department.
➤	PEOs, POs and PSOs of UG Programme.
➤	Confirmation of the minutes of the 12 <sup>th</sup> Board of studies meeting held on 02.07.2025 and action taken report.
➤	<b>To consider &amp; approve the Curriculum and Syllabus of VI semester courses of B.E Aeronautical Engineering Programme under Regulations 2023.</b> <ul style="list-style-type: none"><li>• Curriculum, Credits and its structure.</li><li>• Syllabus.</li><li>• VI semester B.E., Aero under Regulations 2023.</li><li>• Open electives courses offered by B.E., Aero<sup>wa</sup> to other Programmes.</li></ul>
➤	<b>To discuss and approve Assessment Weightage.</b>
➤	<b>To discuss and approve the value added courses (optional).</b>
➤	<b>To discuss and approve flexibility to add or drop courses.</b>
➤	<b>To discuss and approve re-admitted students for additional course.</b>
➤	<b>To discuss and approve fast track mode for eligible students.</b>
➤	<b>To discuss and approve target for the CO-PO-PSO attainment.</b>
➤	<b>Examination patterns and additional credits earned.</b>
➤	<b>Exemptions for NPTEL Courses if any.</b>
➤	<b>Any other items proposed as agenda, relevant to the board of studies.</b>

### Minutes of the BoS Meeting

BoS / Aero 13.1	:	The Board of studies Chairman welcomed the members.
BoS / Aero 13.2	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / Aero 13.3	:	PEOs, POs and PSOs of UG and PG Programme were described.
<b>APPROVED THE SAME.</b>		
BoS / Aero 13.4	:	The minutes of the 12 <sup>th</sup> Board of Studies meeting held on 02.07.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.
<b>APPROVED THE SAME.</b>		



<b>BoS / Aero 13.5</b>	<b>:</b>	<b>To consider &amp; approve the Curriculum, Curriculum Structure, Syllabi &amp; Course Outcomes of VI semester for B.E Aeronautical Engineering Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.</b>
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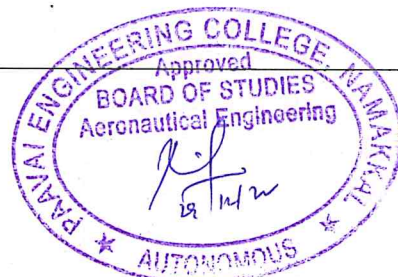
**Suggestions given by the members regarding UG syllabus:**

S. No	Course Name	Suggestions	Name of the Member
1.	<b>AE23601: Finite Element Methods</b>	<ul style="list-style-type: none"> <li>Structural Analysis problems using software could be included as case study.</li> </ul>	<b>Dr.C.Ramesh</b> (other members acknowledged the same)
2.	<b>AE23602: Unmanned Aerial Vehicle</b>	<ul style="list-style-type: none"> <li>Fine tune with latest Edition book</li> <li>Add Recent DGCA drone rules.</li> </ul>	<b>Dr.A.Saravanakumar</b> (other members acknowledged the same)
3.	<b>AE23603: Composite Materials and Structures</b>	<ul style="list-style-type: none"> <li>Practical sessions on how to make composite laminate can be added.</li> </ul>	<b>Dr.T.Selvakumaran</b> (other members acknowledged the same)
4.	<b>AE23604: Aeromodeling and CAD Laboratory</b>	<ul style="list-style-type: none"> <li>Design and drafting of landing gear could be added.</li> <li>Experiments on heat transfer can be added.</li> <li>Give any one symmetric and unsymmetric airfoils</li> </ul>	<b>Dr.T.Selvakumaran</b> <b>Ms.C.Dhivya</b> (other members acknowledged the same).
5.	<b>AE23605: Unmanned Aerial Vehicles Laboratory</b>	<ul style="list-style-type: none"> <li>Add safety and precautions for this lab as an experiment.</li> </ul>	<b>Dr.A.Saravanakumar</b> <b>Mr.S.Gopinathan</b> (other members acknowledged the same)

**Open Elective Courses**

1.	<b>AE23901:Space Flight Engineering</b>	<ul style="list-style-type: none"> <li>Add recent edition textbooks</li> </ul>	<b>Dr.A.Saravanakumar</b> (other members acknowledged the same)
2.	<b>AE23902: Wind Engineering</b>	<ul style="list-style-type: none"> <li>Add recent edition textbooks</li> </ul>	<b>Dr.A.Saravanakumar</b> (other members acknowledged the same)

Discussed about B.E/B.Tech. (Honours) or B.E/B.Tech. Minor with specialization in other disciplines In addition to the regular B.E./B.Tech. Programme(s), the eligible candidates shall also opt for B.E./B.Tech.(Honours) degree or B.E./B.Tech.(Minor) degree with specialization in other disciplines



**RESOLVED AND APPROVED THE SAME.****BoS / Aero 13.6****Discussed about B.E./B.Tech. (Honours) or B.E./B.Tech. Minor with specialization in other disciplines**


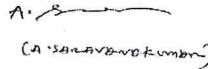

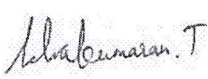

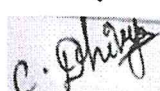
- B.E./B.Tech. (Honours) are for students who want deeper learning in their own branch. From the 5<sup>th</sup> semester onwards, students can earn 18 additional credits from the same programme if they have a CGPA of 7.50 or above till the 3rd semester (lateral entry: in 3rd semester) and have passed all courses in the first attempt. Up to 6 credits can be earned through SWAYAM. If discontinued, the completed courses are treated as Professional Electives. Only higher-grade courses are counted for CGPA; others appear in the mark sheet but are not counted.
- B.E./B.Tech. (Minor – Other Specialization) allows students to gain knowledge in another engineering branch. Students can start from the 5th semester, earn 18 credits, and must have a CGPA of 7.50 or above (lateral entry: in 3rd semester). There is no first-attempt pass condition, and up to 6 SWAYAM credits are allowed. If discontinued, courses count as Open Electives. Higher-grade courses are used for CGPA, while remaining courses are shown in the mark sheet only.



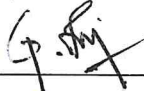





**APPROVED THE SAME****BoS / Aero 13.7****: Discussed and got approved about Assessment Weightage.****BoS / Aero 13.8****: Discussed and got approved about the value added courses (optional).****BoS / Aero 13.9****: Discussed and got approved about flexibility to add or drop courses.****BoS / Aero 13.10****: Discussed and got approved about re-admitted students for additional course.****BoS / Aero 13.11****: Discussed and got approved about fast track mode for eligible students.****BoS / Aero 13.12****: Discussed and got approved for target level to CO-PO-PSO attainment.****BoS / Aero 13.13****: Discussed and got approved about Examination patterns and additional credits earned.****BoS / Aero 13.14****: Discussed and got approved about Exemptions for NPTEL courses to eligible students.**

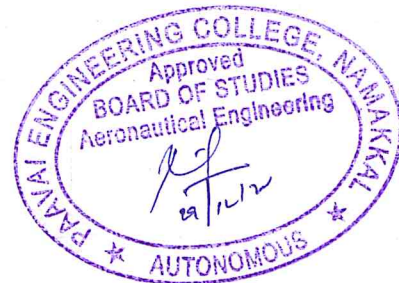
The above suggestions were given by the members and approved for the curriculum and syllabus of the 6th semester, open elective courses offered by the Aeronautical Engineering department for UG programmes under Regulations 2023, applicable to students admitted from the academic year 2023–2024 onwards, along with value-added courses, mandatory courses, and the panel of examiners.



## BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr.R.Arravind HoD/ Aero	Dr.A.Saravanakumar Professor / Aerospace MIT Campus, Chennai	Dr.C.Ramesh Professor /Aerospace Hindustan Institute of Technology and Science, Chennai	Dr.T.Selvakumar Professor /Aerospace SRM Institute of Science & Technology, Chennai	Mr.S.Gopinathan Founder & Director Dileka Innovations, Nilgiris	Ms.C.Dhivya Part Applicability Specialist Boeing India Pvt Ltd, Chennai
Signature		 (A. Saravanakumar)				

S.No	BoS Members	Designation	Signature
1.	Dr.D.Deepak	ASP/Aero	
2.	Mr.D.Rajkumar	ASP/Aero	
3.	Mr.G.Sasi	AP/ Aero	
4.	Mr.P.Prasanna	AP/ Aero	
5.	Mr.K.Gokulnath	AP/ Aero	
6.	Mr.S.Suthagar	AP/ Aero	
7.	Mrs.S.MaryPriya	AP/ Aero	
8.	Mr.S.Suryakumar	AP/ Mech	



# PAAVAI ENGINEERING COLLEGE

(Autonomous Institution)

(Approved by AICTE and Affiliated to Anna University)

(Accredited by National Board of Accreditation, New Delhi & NAAC (UGC) with 'A' Grade)

Paavai Nagar, NH - 7, PACHAL, NAMAKKAL - 637 018. Tamil Nadu

☎ 04286-243038, 58,88 & 98 Fax: 04286-243068 Email: pecprincipal@paavai.edu.in website: http://pec.paavai.edu.in

Date: 24.12.2025

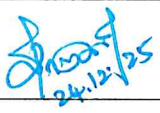

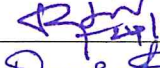
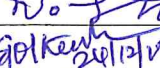
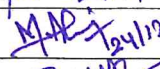
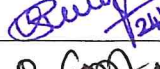
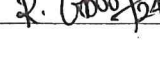

## DEPARTMENT OF BIOMEDICAL ENGINEERING

### 10th Board of Studies Meeting

Venue: Online (Google Meet)

Date and Time: 24.12.2025, 11.30 am

#### Members Present

S.No	Name	Designation	Position in the Committee	College / University / Industry	Signature with Date
1.	Dr.T.Arunkumar	Professor/ BME	Chairman	Paavai Engineering College	 24.12/25
2.	Dr. T. Jayasree	AP, Sl.Gr, Department of BME	University Nominee	College of Engineering, Guindy Anna University Chennai	online
3.	Dr Vijayalakshmi	Professor, Dept of MDE	Academic Expert	BMS college of Engineering, Bangalore	Online
4.	Dr. D.K. Ravish	ASP & Head Dept. of MDE	Academic Expert	Dr.Ambedkar Institute of Technology, Bangalore	online
5.	Mr. S. Kumar	Vice President, Technical and Business Development	Industry Expert	TMI Systems. Bangalore	online
6.	Mr.M.Ragul	Service Engineer	Alumni	Hotgen BioGen India Pvt Ltd, Mumbai.	online
7.	Mr.D.Murugesan	ASP/BME	Members Paavai Engineering College		 24/12/25
8.	Dr.S.Rajasekaran	ASP/BME			 24/12/25
9.	Dr.N.Jayanthi	ASP/BME			 24/12/25
10.	Mr.S.Jotheeshwaran	AP/BME			 24/12/25
11.	Mrs. M. Abinaya	AP/BME			 24/12/25
12.	Ms. V. Ramya	AP/BME			 24/12/25
13.	Mr. R. Gagan	AP/BME			 24/12/25

**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

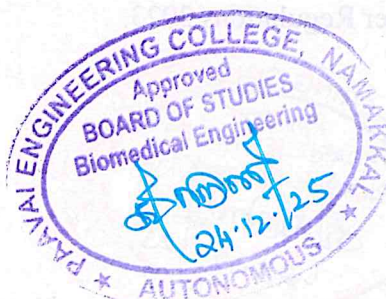
**Minutes of 10<sup>th</sup> Board of Studies Meeting**

**Venue: Online**

**Date and Time: 24.12.2025, 11.30 a.m.**

The 10<sup>th</sup> Board of studies meeting of the Biomedical Engineering Department was held on 24.12.2025 (Wednesday), at 11.30 am in online mode. The following members were present for the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.T.Arunkumar	Professor and Head of the Department	Chairman	Paavai Engineering college
2.	Dr. T. Jayasree	Assistant Professor Sl.Gr	University Nominee	Dept of Biomedical Engineering
3.	Dr. K.Vijayalakshmi	Professor	Academic Expert-1	Dept of Medical Electronics Engineering; BMS college of Engineering, Bangalore
4.	Dr. D.K. Ravish	Associate Professor and Head of the Department	Academic Expert-2	Department of Medical Electronics Engineering Dr.Ambedkar Institute of Technology, Bangalore, India
5.	Mr. S. Kumar	Vice President	Industry Expert	TMI Systems, Bangalore
6.	Mr. M. Ragul	Sales Service Engineer	Alumni	Hotgen Biotech India Pvt Ltd, Mumbai.
7.	Mr.D.Murugesan	ASP/BME	Members Paavai Engineering College	
8.	Dr.S.Rajasekaran	ASP/ BME		
9.	Dr.N.Jayanthi	ASP/ BME		
10.	Mr.S.Jotheeswaran	AP/ BME		
11.	Mrs.M.Abinaya	AP/ BME		
12.	Ms.V.Ramya	AP/ BME		
13.	Mr. R. Gugan	AP/ BME		



## AGENDA

- The Chairman, Board of Studies welcomed the members.
- Vision and Mission of Institution and Department.
- PEOs, POs and PSOs of the Programme.
- Confirmation of the minutes of the 9<sup>th</sup> Board of studies meeting held on 21.06.2025 and action taken report.
- Presentation of Curriculum and Syllabus of 6<sup>th</sup> semester B.E. Biomedical Engineering Programme under Regulations 2023.
  - Curriculum, Credits and its structure
  - Syllabus
- To discuss and approve fast track mode for eligible students.
- To discuss and approve Assessment Weightage.
- To discuss and approve flexibility to add or drop courses.
- To discuss and approve re-admitted students for additional course.
- To discuss and approve target for the CO-PO-PSO attainment.
- Examination patterns and additional credits earned.
- Exemptions for NPTEL Courses if any.
- Any other items proposed as agenda, relevant to the board of studies.

**BoS / BME 10.1** : The Board of studies Chairman welcomed the members.

Vision and Mission of Institution and Department were described.

**BoS / BME 10.2**

**APPROVED THE SAME.**

PEOs, POs and PSOs of the Programme were described.

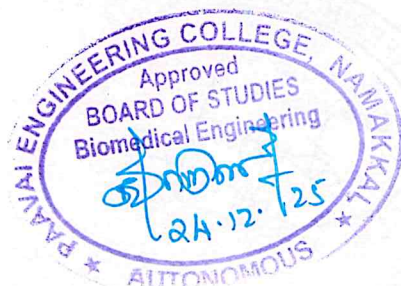
**BoS / BME 10.3**

**APPROVED THE SAME.**

**BoS / BME 10.4** : The minutes of the 9<sup>th</sup> Board of Studies meeting held on 21.06.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.

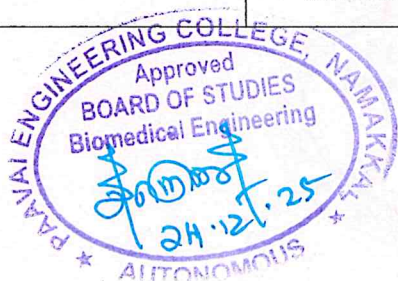
**APPROVED THE SAME.**

**BoS/ BME 10.5** : To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of 6th semester of B.E. Biomedical Engineering Programme under Regulations 2023.



**Suggestions given by the members regarding:**

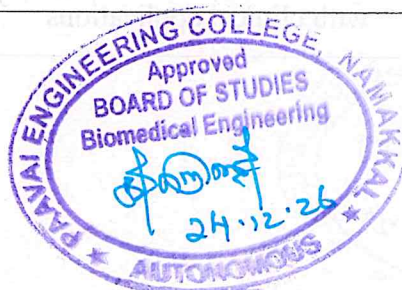
S.No	Course Name	Suggestions	Name of the Member
<b>BIOMEDICAL ENGINEERING</b>			
1.	Biomechanics	<ul style="list-style-type: none"> <li>• Course Objectives need to be changed with Blooms Taxonomy Verb.</li> <li>• Shear stress and strain topic shall be removed from unit 2 and added to unit 1.</li> <li>• Applications and case studied shall be included in unit 4 or 5.</li> <li>• Sports mechanics and its biomedical applications shall be added in unit 5.</li> </ul>	Dr. T. Jayasree(other members acknowledged the same)
2.	Medical Image Processing	<ul style="list-style-type: none"> <li>• Add biomedical applications in all units</li> <li>• Add feature extraction in unit 3</li> </ul>	Dr. T. Jayasree(other members acknowledged the same)
3.	Radiological Equipment	<ul style="list-style-type: none"> <li>• Ultrasonic Imaging modes shall be added in unit 5.</li> <li>• PACS shall be removed from unit 5.</li> <li>• Applications of ultrasound and safety procedure shall be included in unit 5.</li> </ul>	Dr. T. Jayasree(other members acknowledged the same)
4.	Human Assist Devices	<ul style="list-style-type: none"> <li>• Types of dialysis shall be added in unit 2.</li> <li>• TENS topic shall be removed and Robotic assist device should be added in unit 5.</li> <li>• Biofeedback shall be specified with clinical applications</li> </ul>	Dr. T. Jayasree(other members acknowledged the same)



5.	Basics of Telemedicine	<ul style="list-style-type: none"> <li>Unit 2 shall be moved to Unit 5.</li> <li>More standards should be included in unit 4.</li> <li>Lossy and Lossless compression related topics shall be removed from unit 4.</li> <li>AI-enabled smart phone applications topic should be removed from unit 5.</li> </ul>	Dr. D.K. Ravish(other members acknowledged the same)
6.	Basics of Biomedical Equipment	Unit 4 should be reframed.	Mr. S. Kumar(other members acknowledged the same)
7.	Medical Image Processing Laboratory	Suggested to explore open source software for medical imaging.	Dr. K. Vijayalakshmi(other members acknowledged the same)
8.	Hospital Training	No suggestions	-
9.	Design Thinking I	Suggested to do this in a practical manner.	Dr. K. Vijayalakshmi(other members acknowledged the same)

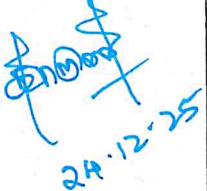
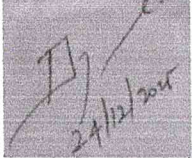
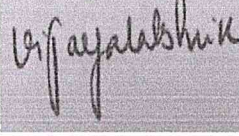
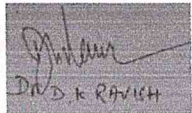
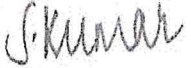
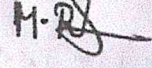
**RESOLVED AND APPROVED THE SAME.**

<b>BoS / BME 10.6</b>	:	Discussed and got approved about Assessment Weightage.
<b>BoS / BME 10.7</b>	:	Discussed and got approved about flexibility to add or drop courses.
<b>BoS / BME 10.8</b>	:	Discussed and got approved about re-admitted students for additional course.
<b>BoS / BME 10.9</b>	:	Discussed and got approved about fast track mode for eligible students.
<b>BoS / BME 10.10</b>	:	Discussed and got approved for target level to CO-PO-PSO attainment.
<b>BoS / BME 10.11</b>	:	Discussed and got approved about Examination patterns and additional credits earned.
<b>BoS / BME 10.12</b>	:	Discussed and got approved about Exemptions for NPTEL courses to eligible students.



The above suggestions were given by the members and approved the Curriculum Structure, Syllabi & Course Outcomes of 6<sup>th</sup> semester of B.E. Biomedical Engineering Programme under Regulations 2023 and open electives, mandatory courses and panel of examiners.

The BoS members suggested valuable inputs on syllabus contents and for the overall improvement.

Position in the committee	Chairman	University Nominee	Academic Expert	Academic Expert	Industry Expert	Alumni
Name & Designation	Dr.T.Arunkumar Professor and Head of the Department- BME	Dr.T.Jayasree Assistant Professor SI.Gr Dept of Biomedical Engineering CEG campus	Dr.K.Vijayalakshmi Professor Dept of Medical Electronics Engineering; BMS college of Engineering, Bangalore	Dr.D.K.Ravish Department of Medical Electronics Engineering Dr.Ambedkar Institute of Technology, Bangalore	Mr. S. Kumar Vice President TMI Systems, Bangalore	Mr. M. Ragul Sales Service Engineer Hotgen Biotech India Pvt Ltd
Signature	 24.12.25	 24/12/2024		 DR. D. K. RAVISH		

# PAAVAI ENGINEERING COLLEGE

(Autonomous)

## DEPARTMENT OF CIVIL ENGINEERING

### Minutes of 13<sup>th</sup> Board of Studies Meeting

Venue: Online Mode

Date and Time: 19.12.2025, 02.00 p.m.

The 13<sup>th</sup> Board of studies meeting of the Civil Engineering Department was held on 19.12.2025 (Friday), at 02.00 pm through online mode using Microsoft Teams platform.

The following members were present for the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Prof.K.Sharmiladevi	HoD/ Civil	Chairman	Paavai Engineering College, Namakkal.
2.	Dr.S.Sundari	Associate Professor/Civil	University Nominee	Government College of Engineering, Salem.
3.	Dr.V.Senthilkumar	Assistant Professor/Civil	Academic Expert	National Institute of Technology, Puduchery, Karaikal
4.	Dr.R.Prasanna Venkatesan	Associate Professor / School of Civil Engineering	Academic Expert	VIT University, Vellore
5.	Er.N.Chandrasekaran.M.E.,(Ph.D)	Senior Structural Consultant	Industry Expert	NAC Consultant, Tiruppur
6.	Er.Visanth Renu, M.S.	Assistant Engineer (BIM)	Alumni	Arcadis, Bangalore
7.	Dr.K.Selvi	Dean Academics	Special Invitee	Paavai Engineering College
8.	Dr. J.Prakash Arul Jose	Professor / Civil	Members	Paavai Engineering College
9.	Mr. A. Jayapal	AP/Civil		
10.	Mr.P.Vignesh	AP/Civil		
11.	Mr.N.Moorthi	AP/Civil		
12.	Mr.M.Rajkannan	AP/Civil		
13.	Mrs.S.Rajeswari	AP/Civil		

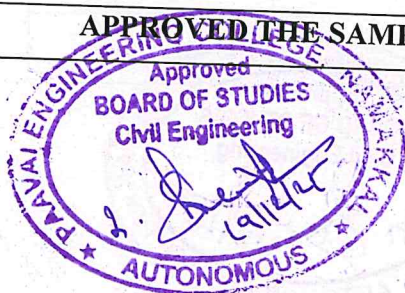


## Agenda

- Welcome Address
- Vision and mission of Institution and Department.
- PEOs, POs and PSOs of UG Programme.
- Confirmation of the minutes of the 12<sup>th</sup> Board of studies meeting held on 03.07.2025 and action taken report.
- To consider & approve the Curriculum and Syllabus of 6<sup>th</sup> semester and open electives of B.E Civil Engineering Programme under Regulations 2023.
  - Curriculum, Credits and its structure
  - Syllabus of 6<sup>th</sup> semester and open electives.
  - List of Courses in Verticals
  - List of Open Electives
- To discuss and approve Assessment Weightage.
- To discuss and approve Transfer of Credits for NPTEL courses.
- To discuss and approve Examination patterns and additional credits earned.
- To discuss and approve fast track mode for eligible students.
- Any other items proposed as agenda, relevant to the board of studies.

### Minutes of the BoS Meeting

BoS / CIVIL 13.1	:	The Board of studies Chairman welcomed the members.
BoS / CIVIL 13.2	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / CIVIL 13.3	:	PEOs, POs and PSOs of UG Programmes were described.
<b>APPROVED THE SAME.</b>		
BoS / CIVIL 13.4	:	The minutes of the 12 <sup>th</sup> Board of Studies meeting held on 03.07.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the committee members.
<b>APPROVED THE SAME.</b>		

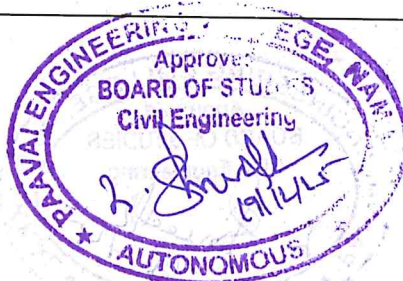


<b>BoS / CIVIL 13.5</b>	<b>:</b>	To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of VI semester and Open Electives for B.E Civil Engineering Programme (CBCS) to be offered under Regulations 2023 with effect from the Academic Year 2023-2024 onwards.
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**Suggestions given by the members regarding UG syllabus:**

S.No	Course Name	Suggestions	Name of the Member
1.	CE23601 – Structural Analysis II	Include “Plastic Analysis of structures” as unit V.	Dr. S. Sundari and Dr. V. Senthilkumar (other members acknowledged the same)
2.	CE23602 – Railways and Harbour Engineering	The course content ‘Design of Docks’ can be removed from Unit IV	Dr. V. Senthilkumar (other members acknowledged the same)
3.	CE23603 - Design of Steel Structural Elements	IS codal provisions can be included in the reference books relevant to Industrial Structures	Dr. S. Sundari (other members acknowledged the same)
4.	CE23604 - Construction Management	<ul style="list-style-type: none"> <li>• Include “Construction Project Management Theory and Practices by Kumar Neeraj Jha” as a text book.</li> <li>• The syllabus content related to Resource Scheduling can be moved to Unit IV</li> </ul>	Dr.R.Prasanna Venkatesan (other members acknowledged the same)
5.	CE23605 - Concrete and Highway Laboratory	Include “Non Destructive Test” in the syllabus.	Er. N. Chandrasekaran and Er. M. S. Visanth Renu (other members acknowledged the same)
6.	CE23606 - Structural Drawing and Detailing Laboratory	Include “Reinforcement details of Deck Slab” in the syllabus.	Dr. R. Prasanna Venkatesan & Er. M. S. Visanth Renu (other members acknowledged the same)
7.	CE23607 - Design Thinking	No Suggestions given	-

**Open Electives courses:**



1.	CE23901 – Waste to Energy	The syllabus contents are heavy. Recommended to reduce the contents.	Dr. R. Prasanna Venkatesan & Er. M. S. Visanth Renu (other members acknowledged the same)
2.	CE23902 – Construction Materials	The ‘Testing Procedures of Materials’ can be removed from all the units	Dr. S. Sundari and Er. N. Chandrasekaran (other members acknowledged the same)

**RESOLVED AND APPROVED THE SAME.**

**BoS / CIVIL 13.6 : Discussed and got approval for Assessment Weightage.**

**BoS / CIVIL 13.7 : Discussed and got approval for Transfer of Credits for NPTEL Courses.**

Our Final year students 8 members have completed Air Pollution and Control Course from NPTEL (Jan – April 2025). Instead of this, we need course exemption from professional elective V in 8<sup>th</sup> Semester.

S.No	Register No	Students Name
1	622122103002	Anne Treesa Joy
2	622122103013	C.Krishnasamy
3	622122103014	A.Kuberan
4	622122103021	J.M.Sharma
5	622122103022	R.Sugumar
6	622122103023	V.Thenmozhi
7	622122103301	A.Dhinakaran
8	622122103302	A.Gopi

Our Third year students 4 members have completed Municipal Solid Waste Management Course from NPTEL (Jan – April 2025). Instead of this, we need course exemption from professional elective II in 6<sup>th</sup> Semester.

S.No	Register No	Students Name
1	622123103020	M. Prabhakaran
2	622123103021	R. Priyadarshini
3	622123103027	R. Sasikala
4	622123103034	J. Vignesh


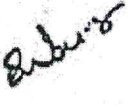
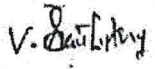

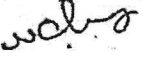

**BoS / CIVIL 13.8 : Discussed and got approved about Examination patterns and additional credits earned.**


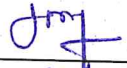

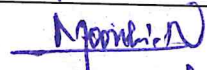
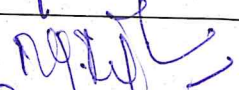
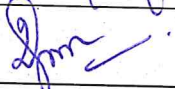
**BoS / CIVIL 13.9 : Discussed and got approved about fast track mode for eligible students.**



The above suggestions were given by the members and approved the Curriculum of R2023 and syllabus of 6<sup>th</sup> semester and open elective courses offered by Civil Engineering for UG under Regulations 2023 for the students admitted from the year 2023-2024 onwards, and panel of examiners.

### BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert	Academic Expert	Industry Expert	Alumni
Name & Designation	Prof.K.Sharmila devi HoD/Civil	Dr.S.Sundari Associate Professor/ Civil Engineering, Government College of Engineering, Salem.	Dr.V.Senthil kumar Assistant Professor/Civil, NIT Karaikal.	Dr.R.Prasanna Venkatesan Associate Professor / School of Civil Engineering, VIT Vellore	Er.N.Chandra sekaran Senior Structural Consultant NAC Consultant, Tirupur.	Er.Visanth Renu, Assistant Engineer (BIM), Arcadis, Bangalore
Signature						

S.No	BoS Members	Designation	Signature
1.	Dr. J.Prakash Arul Jose	Professor / Civil	
2.	Mr. A. Jayapal	AP/Civil	
3.	Mr.P.Vignesh	AP/Civil	
4.	Mr.N.Moorthi	AP/Civil	
5.	Mr.M.Rajkannan	AP/Civil	
6.	Mrs.S.Rajeswari	AP/Civil	



**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**Minutes of 13<sup>th</sup> Board of Studies Meeting**

**Venue: Online Mode**

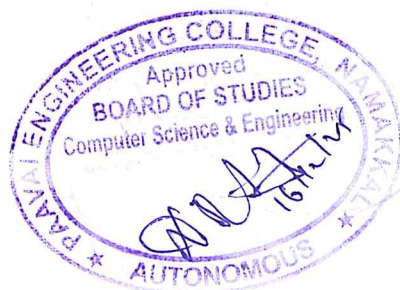
**Date and Time: 16.12.2025, 3.00 p.m.**

The 13<sup>th</sup> Board of studies meeting of the Department of Computer Science and Engineering was held on 16.12.2025 (Tuesday), at 03.00 p.m. through online mode, Paavai Engineering College, Pachal. The following members were present in the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.D.Banumathy	Professor & Head/CSE	Chairman	Paavai Engineering College
2.	Dr.D.Indumathi	Associate Professor/CSE	University Nominee	PSG College of Technology, Coimbatore.
3.	Dr.R.Mohan	Professor/CSE	Academic Expert	NIT, Trichy.
4.	Dr.P.Suresh	Associate Professor/Department of Database	Academic Expert	VIT, Vellore.
5.	Mr.D.Nanthagopal	Technical Lead	Industry Expert	Bosch Global software and technology pvt limited, Coimbatore.
6.	Mr.M.Sivakumar	Associate Engineer	Alumni	J.P Morgan chase and Co.Ltd.,Bengaluru.
7.	Dr.K.Selvi	Dean-Academics	Special Invitee	Paavai Engineering College
8.	Dr.V.Priya	Professor, CSE	BoS Members	Paavai Engineering College
9.	Mr.N.M.K.Ramalingam sakthivelan	Associate Professor, CSE		Paavai Engineering College
10.	Mrs.K.Sudhadevi	Associate Professor, CSE		Paavai Engineering College
11.	Dr.S.Sasikala	Associate Professor, CSE		Paavai Engineering College
12.	Mr.V.Maheshkumar	Assistant Professor, CSE		Paavai Engineering College
13.	Mr.E.Elanchezhiyan	Assistant Professor, CSE		Paavai Engineering College
14.	Mr.D.V.Rajkumar	Assistant Professor, CSE		Paavai Engineering College
15.	Mrs.M.Sivaranjani	Assistant Professor, CSE		Paavai Engineering College

## Agenda

➤	Welcome Address
➤	Vision and mission of Institution and Department.
➤	PEOs, POs and PSOs of UG and PG Programmes.
➤	Confirmation of the minutes of the 13 <sup>th</sup> Board of studies meeting held on 15.12.2025 and action taken report.
➤	<b>Framing of Curriculum and Syllabus</b> <ul style="list-style-type: none"><li>• Feedback from Stakeholders</li><li>• Syllabus Review Committee (SRC) – 12.12.2025</li><li>• Department Advisory Committee (DAC) – 13.12.2025</li></ul>
➤	<b>To consider &amp; approve the Curriculum and Syllabus of VI semester core subjects and Open Elective courses of B.E Computer Science and Engineering Programme under Regulations 2023.</b> <ul style="list-style-type: none"><li>• Curriculum, Credits and its structure</li><li>• Syllabus</li><li>• VI semester B.E., CSE under Regulations 2023.</li><li>• Open electives courses offered by B.E., CSE to other Programmes.</li></ul>
➤	<b>To discuss and approve Assessment Weightage.</b>
➤	<b>To discuss and approve the value added courses (optional).</b>
➤	<b>To discuss and approve flexibility to add or drop courses.</b>
➤	<b>To discuss and approve re-admitted students for additional course.</b>
➤	<b>To discuss and approve fast track mode for eligible students.</b>
➤	<b>To discuss and approve target for the CO-PO-PSO attainment.</b>
➤	<b>Examination patterns and additional credits earned.</b>
➤	<b>Exemptions for NPTEL Courses if any.</b>
➤	<b>Any other items proposed as agenda, relevant to the board of studies.</b>

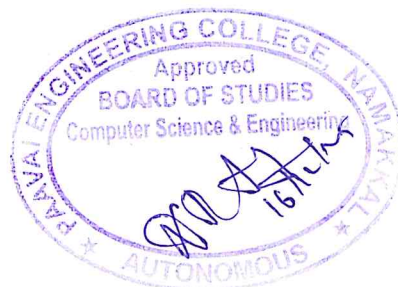


## Minutes of the BoS Meeting

<b>BoS / CSE 13.1</b>	:	The Board of studies Chairman welcomed the members.	
<b>BoS / CSE 13.2</b>	:	Vision and mission of Institution and Department were described.	
<b>APPROVED THE SAME.</b>			
<b>BoS / CSE 13.3</b>	:	PEOs, POs and PSOs of UG and PG Programme were described. The attainment levels of COs and POs for all courses were described.	
<b>APPROVED THE SAME.</b>			
<b>BoS / CSE 13.4</b>	:	The minutes of the 13 <sup>th</sup> Board of Studies meeting held on 15.12.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.	
<b>APPROVED THE SAME.</b>			
<b>BoS / CSE 13.5</b>	:	To consider & approved the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of VI <sup>th</sup> Semester Core subjects and Open Elective Courses of B.E Computer Science and Engineering Programmes under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.	
<b>Suggestions given by the members regarding UG syllabus:</b>			
S.No	Course Name	Suggestions	Name of the Member
1.	<b>BA23151:Entrepreneurship Development</b>	No Suggestions	-
2.	<b>CS23601:Cryptography and Network Security</b>	No Suggestions	-
3.	<b>CS23601:Big Data Analytics</b>	The committee advised expanding the topics to include appropriate subtopics for each topic in Unit III.	<b>Dr.D.Indumathi</b> (other members acknowledged the same)
4.	<b>CS23603 : Machine Learning</b>	The committee recommended to check whether the prerequisite knowledge is required or already included in Unit IV, as students have already studied the Decision Tree, K-means concept in the previous semester.	<b>Dr.D.Indumathi</b> <b>Dr.P.Suresh</b> (other members acknowledged the same)
5.	<b>CS23604: Big Data Analytics Laboratory</b>	No Suggestions	-
6.	<b>CS23605: Machine Learning Laboratory</b>	No Suggestions	-
7.	<b>EE23601: Design Thinking</b>	No Suggestions	-

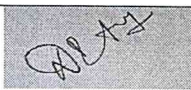
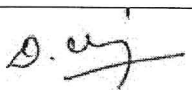

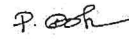
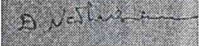



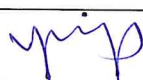
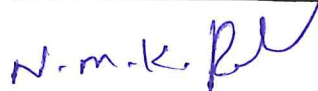
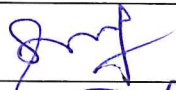
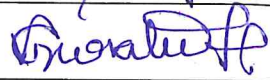



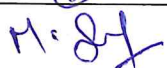
Open Elective Courses			
1.	CS23901: Fundamentals of Databases	The committee recommended to introduce Big Data concepts in Unit I and update the textbook to the latest edition.	<b>Dr.R.Mohan</b> (other members acknowledged the same)
2.	CS23902: Web Designing	No Suggestions	-
3.	CS23903: Fundamentals of Artificial Intelligence	No Suggestions	-
4.	CS23904: Fundamentals of Internet of Things	The committee suggested to remove the topic "Python packages for IoT" from Unit IV, as it is not relevant to the course outcomes.	<b>Dr.D.Indumathi</b> <b>Dr.P.Suresh</b> (other members acknowledged the same)
5.	CS23905: Fundamentals of Block Chain	No Suggestions	-
6.	CS23906: Data Science Fundamentals	The committee recommended to include the various types of Machine Learning in Unit III and support them with simple algorithms to enhance understanding.	<b>Dr.R.Mohan</b> <b>Mr.D.Nanthagopal</b> (other members acknowledged the same)
7.	CS23907: Android Application and Development	The committee suggested to focus on AI features and covering cross-platform development, including iOS and other platforms beyond Android.	<b>Mr.M.Sivakumar</b> (other members acknowledged the same)
8.	CS23908: Cloud Computing	The committee recommended to include the Service Security Model and incorporating various service types to enhance clarity and improve student learning outcomes.	<b>Dr.D.Indumathi</b> <b>Dr.P.Suresh</b> (other members acknowledged the same)
<b>RESOLVED AND APPROVED THE SAME.</b>			
BoS / CSE 13.6	:	<b>Discussed and got approved about Assessment Weightage.</b>	
BoS / CSE 13.7	:	<b>Discussed and got approved about the value added courses (optional).</b>	
BoS / CSE 13.8	:	<b>Discussed and got approved about flexibility to add or drop courses.</b>	
BoS / CSE 13.9	:	<b>Discussed and got approved about re-admitted students for additional course.</b>	
BoS / CSE 13.10	:	<b>Discussed and got approved about fast track mode for eligible students.</b>	
BoS / CSE 13.11	:	<b>Discussed and got approved for target level to CO-PO-PSO attainment.</b>	
BoS / CSE 13.12	:	<b>Discussed and got approved about Examination patterns and additional credits earned.</b>	
BoS / CSE 13.13	:	<b>Discussed and got approved about Exemptions for NPTEL courses to eligible students.</b>	



The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses offered by CSE for UG under Regulations 2023 for the students admitted from the year 2023-2024 onwards, value added courses, mandatory courses and panel of examiners.

### BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert	Academic Expert	Industry Expert	Alumni
Name & Designation	Dr.D.Banumathy Prof & Head/CSE	Dr.D.Indumathi ASP/CSE, PSG College of Technology, Coimbatore.	Dr.R.Mohan ,Prof/CSE NIT,Trichy	Dr.P.Suresh, ASP/Dept. of Database, VIT, Vellore.	Mr.D.Nanthagopal, Technical Lead, Bosch Global Software and Technology Pvt. Limited, Coimbatore.	Mr.M.Siva kumar, Associate Engineer, J.P Morgan chase and Co.Lmt. Bengaluru.
Signature						

S.No	BoS Members	Designation	Signature
1.	Dr.V.Priya	Professor/CSE	
2.	Mr.N.M.K.Ramalingam sakhivelan	ASP/CSE	
3.	Mrs.K.Sudhadevi	ASP/CSE	
4.	Dr.S.Sasikala	ASP/CSE	
5.	Mr.V.Maheshkumar	AP/CSE	
6.	Mr.E.Elanchezhiyan	AP/CSE	
7.	Mr.D.V.Rajkumar	AP/CSE	
8.	Mrs.M.Sivaranjani	AP/CSE	





# PAAVAI ENGINEERING COLLEGE

(Autonomous Institution)

(Approved by AICTE and Affiliated to Anna University)

(Accredited by National Board of Accreditation, New Delhi & NAAC (UGC) with 'A' Grade)

Paavai Nagar, NH - 7, PACHAL, NAMAKKAL - 637 018. Tamil Nadu

☎ 04286-243038, 58,88 & 98 Fax: 04286-243068 Email: pecprincipal@paavai.edu.in website: http://pec.paavai.edu.in

DEPARTMENT OF B.E.CSE (Artificial Intelligence and Machine Learning)

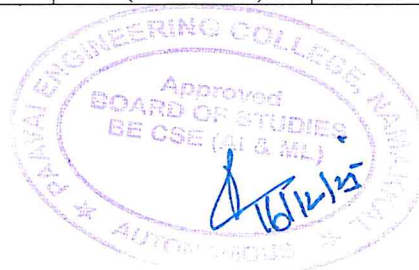
Minutes of the 6<sup>th</sup>

Board of Studies Meeting

Venue: Online

Date and Time: 16.12.2025 03:30 pm.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.P.Srinivasan	Professor & Head / CSE (AI and ML)	Chairman	Paavai Engineering College.
2.	Dr.D.Indumathi	Associate Professor / CSE	University Nominee	PSG College of Technology, Coimbatore.
3.	Dr.R.Mohan	Associate Professor / CSE	Academic Expert1	Dept of CSE, NIT, Trichy.
4.	Dr.P.Suresh	ASP / Dept of Database Systems	Academic Expert2	School of Computer Science and Engineering, VIT, Vellore.
5.	Mr.D.Nanthagopal	Technical Lead	Industry Expert	Bosch Global Software and Technology Pvt Ltd, Coimbatore.
6.	Mr.M.Sivakumar	Associate Engineer	Alumni	J.P Morgan chase and Co. Ltd, Bengaluru.
7.	S.Mangaiyarkarasi	Assistant Professor / CSE (AI and ML)	Members	Paavai Engineering College, Namakkal.
8.	S.Vangili	Assistant Professor / CSE (AI and ML)		

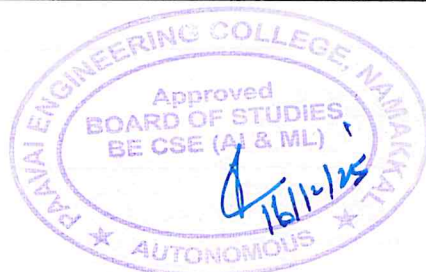


9.	Dr.M.Rameshkumar	Professor & Head / CSE (IoT)	Members	Paavai Engineering College, Namakkal.
10.	Dr.R.Sivakumar	Assistant Professor / CSE (IoT)	Members	
11.	D.Kanagavalli	Assistant Professor / CSE (IoT)	Members	

The 6<sup>th</sup> Board of Studies meeting of the B.E. CSE (Artificial Intelligence and Machine Learning) programme was convened on 16.12.2025 at 03:30 p.m. through online mode at Paavai Engineering College, Pachal, Namakkal, Tamil Nadu, with the participation of the above members.

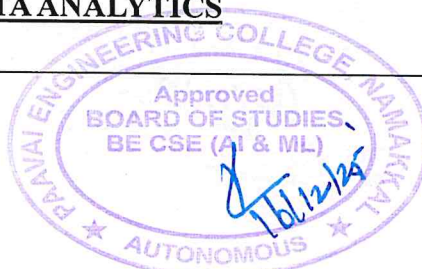
### Agenda

➤	<b>Welcome Address</b>
➤	<b>Vision and Mission of Institution and Department.</b>
➤	<b>PEOs, POs and PSOs of the Programme.</b>
➤	<b>Confirmation of the 5th Board of Studies meeting held on 05.07.2025 and action taken report.</b>
➤	<b>To consider &amp; approve the Curriculum and Syllabi of 6<sup>th</sup> semester, under Regulations 2023.</b>
➤	<ul style="list-style-type: none"> <li>❖ Curriculum, Credits and its structure</li> <li>❖ Syllabus of Semester-VI</li> <li>❖ Amendments if any</li> </ul>
➤	<b>To discuss about B.E/B.Tech (Minor in other Specialization)</b>
➤	<b>To discuss and approve Transfer of Credits for NPTEL courses.</b>
➤	<b>To discuss and approve Fast-Track mode for eligible students.</b>
➤	<b>To discuss and approve Assessment Weightage.</b>
➤	<b>Any other items relevant to the Board of Studies.</b>



**Minutes of the BoS Meeting**

<b>BoS / AI and ML 6.1</b>	<b>:</b>	The Board of Studies Chairman welcomed the members.
<b>BoS / AI and ML 6.2</b>	<b>:</b>	Vision and Mission of Institution and Department were discussed.
<b>APPROVED THE SAME.</b>		
<b>BoS / AI and ML 6.3</b>	<b>:</b>	PEOs, POs and PSOs of UG Programme were discussed.
<b>APPROVED THE SAME.</b>		
<b>BoS / AI and ML 6.4</b>	<b>:</b>	The minutes of the 5 <sup>th</sup> Board of Studies meeting held on 05.07.2025 were circulated to the members, and the received comments have been incorporated and submitted for confirmation.
<b>APPROVED THE SAME.</b>		
<b>BoS / AI and ML 6.5</b>	<b>:</b>	Consideration and approval of the curriculum and syllabi for the 6 <sup>th</sup> Semester of the B.E. CSE (Artificial Intelligence and Machine Learning) programme as per Regulations-2023.
The syllabus was systematically reviewed, and necessary suggestions were incorporated as per Regulations-2023.		
<b>SEMSTER – VI:</b>		
<b>1.</b>	<b><u>CL23601 – DATA ANALYTICS</u></b>	



- Based on the recommendation of Dr. D. Indumathi, Anna University Nominee, the units were reordered.

2. CL23602 – DEEP LEARNING

- The Alumni representative, Mr. M. Sivakumar, recommended the inclusion of “Generative Adversarial Networks” in Unit II.

3. CL23603 – NATURAL LANGUAGE PROCESSING

- Addition of topics on Pragmatics in Unit IV was suggested by Dr. P. Suresh, Academic Expert.

**RESOLVED AND APPROVED THE SAME.**

All the above suggestions were accepted and approved by the committee.

BoS / AI and ML 6.6

**The B.E./B.Tech Minor in other Specializations was considered and approved by the committee.**

BoS / AI and ML 6.7

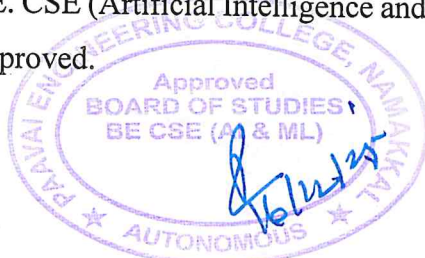
**The transfer of credits for NPTEL courses was considered and approved by the committee.**

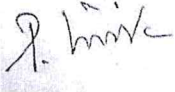
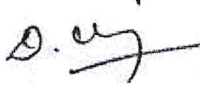

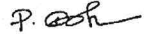
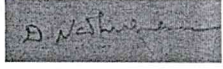

S.No	NPTEL COURSE (Credits)	PROFESSIONAL ELECTIVE COURSE
1	Computer Vision and Image Processing- Fundamentals and Applications (3)	CL23153-Image and Video Analytics
2	Reinforcement Learning (3)	CL23156-Reinforcement Learning
3	Smart Cities (3)	CL23254-IoT for Smart Cities
4	Blockchain and its Applications (3)	CL23356-AI in Blockchain



BoS / AI and ML 6.8	<p>The Fast-Track mode for eligible students, as listed, was approved by the committee.</p> <table border="1" data-bbox="571 293 1485 1630"> <thead> <tr> <th>S.No</th> <th>Register Number</th> <th>Name of the Students</th> </tr> </thead> <tbody> <tr><td>1</td><td>622123112003</td><td>AKALYA.A</td></tr> <tr><td>2</td><td>622123112008</td><td>ARYA SREE ASHOK</td></tr> <tr><td>3</td><td>622123112010</td><td>M.DEEPIKA</td></tr> <tr><td>4</td><td>622123112014</td><td>GOKULNATH.S</td></tr> <tr><td>5</td><td>622123112020</td><td>V.HARINI</td></tr> <tr><td>6</td><td>622123112022</td><td>HARISHRAJ.P</td></tr> <tr><td>7</td><td>622123112024</td><td>HEMAPRIYA.S</td></tr> <tr><td>8</td><td>622123112031</td><td>K.KAVIYA</td></tr> <tr><td>9</td><td>622123112034</td><td>KIRUBAKARAN.S</td></tr> <tr><td>10</td><td>622123112042</td><td>MURALIDHARAN.E</td></tr> <tr><td>11</td><td>622123112044</td><td>NEHAA VAIRAVEL</td></tr> <tr><td>12</td><td>622123112049</td><td>PRASANTH.S</td></tr> <tr><td>13</td><td>622123112052</td><td>PRIYADHARSHINI.D</td></tr> <tr><td>14</td><td>622123112059</td><td>RUTHRAN.M</td></tr> <tr><td>15</td><td>622123112068</td><td>SANJAY KUMAR.U</td></tr> <tr><td>16</td><td>622123112072</td><td>SATHIYA PRIYA.L</td></tr> <tr><td>17</td><td>622123112075</td><td>SHARMILA.K</td></tr> <tr><td>18</td><td>622123112076</td><td>SINDHUJA.S</td></tr> <tr><td>19</td><td>622123112077</td><td>SIVA SRI.I</td></tr> <tr><td>20</td><td>622123112083</td><td>SRINITHI.K</td></tr> <tr><td>21</td><td>622123112086</td><td>SUGANTHI.S</td></tr> <tr><td>22</td><td>622123112092</td><td>VISHWANTH.V.D</td></tr> </tbody> </table>	S.No	Register Number	Name of the Students	1	622123112003	AKALYA.A	2	622123112008	ARYA SREE ASHOK	3	622123112010	M.DEEPIKA	4	622123112014	GOKULNATH.S	5	622123112020	V.HARINI	6	622123112022	HARISHRAJ.P	7	622123112024	HEMAPRIYA.S	8	622123112031	K.KAVIYA	9	622123112034	KIRUBAKARAN.S	10	622123112042	MURALIDHARAN.E	11	622123112044	NEHAA VAIRAVEL	12	622123112049	PRASANTH.S	13	622123112052	PRIYADHARSHINI.D	14	622123112059	RUTHRAN.M	15	622123112068	SANJAY KUMAR.U	16	622123112072	SATHIYA PRIYA.L	17	622123112075	SHARMILA.K	18	622123112076	SINDHUJA.S	19	622123112077	SIVA SRI.I	20	622123112083	SRINITHI.K	21	622123112086	SUGANTHI.S	22	622123112092	VISHWANTH.V.D
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BoS / AI and ML 6.9	<p>The assessment weightage was considered and approved by the committee.</p>																																																																					

Based on the suggestions of the Board of Studies members, the curriculum and syllabi for the 6<sup>th</sup> Semester of the B.E. CSE (Artificial Intelligence and Machine Learning) programme under Regulations-2023 were approved.



Position in the committee	Chairman	University Nominee	Academic Expert	Academic Expert	Industry Expert	Alumni
Name & Designation	Dr.P.Srinivasan Professor & Head/ CSE(AI and ML)	Dr.D.Indumathi ASP/CSE, PSG College of Technology, Coimbatore.	Dr.R.Mohan, ASP/CSE NIT, Trichy	Dr.P.Suresh ASP/CSE, VIT, Vellore.	Mr.D.Nanthagopal Technical Lead, Bosch Global Software and Technology Pvt. Limited, Coimbatore.	Mr.M.Sivakumar Associate Engineer, J.P Morgan chase and Co. Lmt. Bengaluru.
Signature						



**PAAVAI ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**(INTERNET OF THINGS)**

**Minutes of 6<sup>th</sup> Board of Studies Meeting**

**Date and Time: 16.12.2025, 3.30 p.m**

The 6<sup>th</sup> Board of studies meeting of the Department of CSE (IOT) was held on 16.12.2025 (Online) at 3.30 pm, Paavai Engineering College, Pachal, Namakkal. The following members were present in the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr. M. Rameshkumar	Professor & Head/ CSE (IOT)	Chairman	Paavai Engineering College, Namakkal.
2.	Dr. D. Indumathi	ASP/CSE	University Nominee	PSG College of Technology, Coimbatore.
3.	Dr. R. Mohan	ASP/CSE	Academic Expert	NIT, Trichy.
4.	Dr. P. Suresh	ASP/CSE	Academic Expert	VIT, Vellore.
5.	Mr. D. Nanthagopal	Technical Lead	Industry Expert	Bosch Global Software and Technology Pvt Limited, Coimbatore.
6.	Mr. M. Sivakumar	Associate Engineer	Alumni	J.P Morgan Chase and Co.Lmt,Bengaluru.
7.	Dr. K. Selvi	Dean-Academics	Special Invitee	
8.	Dr. A. Vanitha	Associate Professor		
9.	Mr. S. Sathish	AP/CSE(IOT)		
10.	Dr. R. Sivakumar	AP/CSE (IOT)		
11.	Ms. D. Kanagavalli	AP/CSE (IOT)		
12.	Ms.M. Mangaiyarkarasi	AP/CSE(IOT)		
			Members	Paavai Engineering College, Namakkal.



## Agenda

➤	Welcome Address
➤	Vision and mission of Institution and Department.
➤	PEOs, POs and PSOs of UG Programmes.
➤	Confirmation of the minutes of the 5 <sup>th</sup> Board of studies meeting held on 05.07.2025 and action taken report.
➤	<b>Framing of Curriculum and Syllabus</b> <ul style="list-style-type: none"> <li>• Feedback from Stakeholders</li> <li>• Syllabus Review Committee (SRC) – 13.12.2025 @ 10.30 am</li> <li>• Department Advisory Committee (DAC) – 13.12.2025 @ 03.30 pm</li> </ul>
➤	<b>To consider &amp; approve the Curriculum and Syllabus of 6<sup>th</sup> semester and Open Electives of B.E Computer Science and Engineering (Internet of Things) Programme under Regulations 2023.</b> <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure</li> <li>• Syllabus – VI Semester</li> <li>• Open electives courses offered by B.E., CSE(IoT) to other Programmes.</li> </ul>
➤	To discuss and approve Transfer of Credits.
➤	To discuss and approve fast track mode for eligible students.
➤	To discuss and approve Assessment Weightage.
➤	To discuss and approve flexibility to add or drop courses.
➤	To discuss and approve target for the CO-PO-PSO attainment.
➤	Examination patterns and additional credits earned.
➤	Exemptions for NPTEL Courses if any.
➤	Any other items proposed as agenda, relevant to the board of studies.

### Minutes of the BoS Meeting

BoS / CSE (IOT) 6.1	:	The Board of studies Chairman welcomed the members.
BoS / CSE (IOT) 6.2	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / CSE(IOT) 6.3	:	PEOs, POs and PSOs of UG Programme were described.
<b>APPROVED THE SAME.</b>		
BoS / CSE(IOT) 6.4	:	The minutes of the 5 <sup>th</sup> Board of Studies meeting held on 05.07.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.
<b>APPROVED THE SAME.</b>		


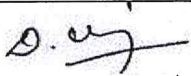

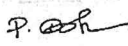
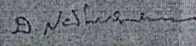
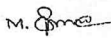


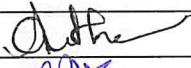

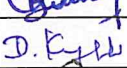


<b>BoS / CSE(IOT) 6.5</b>	:	To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of VI semester for B.E Computr Science and Engineering(Internet of things) (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.	
<b>Suggestions given by the members regarding UG syllabus:</b>			
<b>S.No</b>	<b>Course Name</b>	<b>Suggestions</b>	<b>Name of the Member</b>
1	Software Engineering	No Suggestions.	-
2	Data Science for IOT	No Suggestions.	-
3	IOT and its Applications	No Suggestions.	-
4	Artificial Intelligence	To revise the syllabus and sought confirmation that Units 1-3 adequately cover the basic concepts required for the Unit 4 chapter on robotics and computer vision.	Dr.D.Indumathi (other members acknowledged the same)
5	AI and Data Science Laboratory	To include Python Libraries as one experiment	Dr.R.Mohan. (other members acknowledged the same)
6	IOT and its Applications Laboratory	No Suggestions.	-
<b>Open Elective Courses</b>			
7	Introduction to Internet of Things	No Suggestions.	-
8	Human Computer Interaction	No Suggestions.	-
9	Industrial IOT	No Suggestions.	-
10	Introduction to Machine Learning	To introduce the AR & VR subject in open elective instead of Introduction to Machine Learning.	Dr.D.Indumathi, Dr.P.Suresh (other members acknowledged the same)
<b>APPROVED THE SAME.</b>			
<b>BoS / CSE(IOT) 6.6</b>	:	<b>Discussed and got approved about Assessment Weightage.</b>	
<b>BoS / CSE(IOT) 6.7</b>	:	<b>Discussed and got approved about the value added courses (optional).</b>	
<b>BoS / CSE(IOT) 6.8</b>	:	<b>Discussed and got approved about flexibility to add or drop courses.</b>	
<b>BoS / CSE(IOT) 6.9</b>	:	<b>Discussed and got approved about fast track mode for eligible students.</b>	

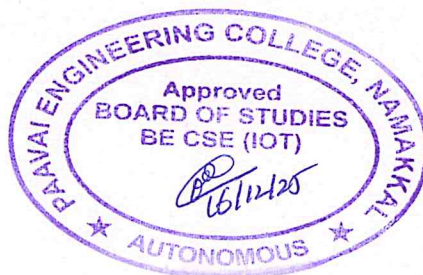


BoS / CSE(IOT) 6.10	:	Discussed and got approved for target level to CO-PO-PSO attainment.
BoS / CSE(IOT) 6.11	:	Discussed and got approved about Examination patterns and additional credits earned.
BoS / CSE(IOT) 6.12	:	Discussed and got approval for Transfer of Credits for NPTEL Courses.

The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses offered by CSE(IoT) for UG under Regulations 2023 for the students admitted from the year 2023-2024 onwards, value added courses, mandatory courses and panel of examiners.

Position in the committee	Chairman	University Nominee	Academic Expert	Academic Expert	Industry Expert	Alumni
Name & Designation	Dr.M.Rameshkumar Professor & Head/ CSE(IOT), Paavai Engineering College, Namakkal.	Dr.D.Indumathi ASP/CSE, PSG College of Technology, Coimbatore.	Dr.R.Mohan ASP/CSE, National Institute of Technology , Trichy.	Dr.P.Suresh ASP/CSE, Vellore Institute of Technology , Vellore.	Mr.D.Nanthagopal Technical Lead, Bosch Global Software and Technology Pvt. Ltd., Coimbatore.	Mr.M.Sivakumar Associate Engineer J.P. Morgan Chase and Co Ltd., Bengaluru.
Signature						

S.No	BoS Members	Designation	Signature
1.	Dr. K. Selvi	Dean-Academics	
2.	Dr. A. Vanitha	Associate Professor	
3.	Mr. S. Sathish	AP/CSE(IOT)	
4.	Dr. R. Sivakumar	AP/CSE (IOT)	
5.	Ms. D. Kanagavalli	AP/CSE (IOT)	
6.	Ms.M. Mangaiyarkarasi	AP/CSE(IOT)	



**PAAVAI ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**DEPARTMENT OF CYBER SECURITY**  
**Minutes of 8<sup>th</sup> Board of Studies Meeting**

**Venue: Online Mode**

**Date and Time: 15.12.2025 & 02.00 PM**

The 8<sup>th</sup> Board of Studies meeting of the Department of Cyber Security was held on 15.12.2025 (Monday), at 02.00 pm through online mode, at Paavai Engineering College. The following members were present for the meeting.

S. NO	Name	Designation	Position in Committee	College / University / Industry
1	Dr. P. Muthusamy	Professor & HOD / Cyber Security	Chairman	Paavai Engineering College
2	Dr.K.Sathiyapriya	Associate Professor	University Nominee	Department of Computer Science and Engineering, PSG College of Technology, Coimbatore
3	Dr. N.Jaisankar	Professor (Higher Academic Grade)	Academic Expert	Department of Computer Science and Engineering, Vellore Institute of Technology, Vellore
4	Dr.M.B Mukesh Krishnan	Professor	Academic Expert	Department of Networking and Communication, SRM Institute of Science and Technology, Katankulathur, Chennai
5	Mr.B.Sivakumar	Senior Specialist Cyber Security	Industry Expert	LTI Mindtree Private Limited, Chennai
6	Mr.S.B Hariharan	Graduate Engineer Trainee Risk & Compliance	Alumni	HCL Tech, IT Park, Sholinganalur, Chennai
7	Dr.K.Selvi	Dean Academics	Special Invitee	Paavai Engineering College
8	Dr.P.Purusothaman	Associate Professor	Members	Paavai Engineering College
9	Mrs.J.Velumani	Associate Professor		
10	Mr.R.Loganathan	Associate Professor		
11	Mr.P.Sathishkumar	Assistant Professor		
12	Mrs.S.Ramya	Assistant Professor		
13	Mrs.S.Chandrakala	Assistant Professor		
14	Mrs.R.Rajalakshmi	Assistant Professor		
15	Mrs.V.Sinthuja	Assistant Professor		



## Agenda

➤	Welcome Address.
➤	Vision and Mission of Institution and Department.
➤	PEOs, POs and PSOs of the Programme.
➤	Confirmation of the minutes of the 7 <sup>th</sup> Board of Studies meeting held on 05.07.2025 and action taken report.
➤	To consider and approve the curriculum and syllabus for the 6 <sup>th</sup> semester courses of B.E. Cyber Security Programme under Regulations 2023. <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure</li> <li>• 6<sup>th</sup> semester courses and syllabus</li> <li>• Open electives courses offered by B.E., Cyber Security to other Programmes</li> </ul>
➤	To discuss and approve Assessment Weightage.
➤	To discuss and approve the value added courses (optional).
➤	To discuss and approve flexibility to add or drop courses.
➤	To discuss and approve re-admitted students for additional course.
➤	To discuss and approve fast track mode for eligible students.
➤	To discuss and approve target for the CO-PO-PSO attainment.
➤	Examination patterns and additional credits earned.
➤	Exemptions for NPTEL Courses.
➤	Any other items proposed as agenda, relevant to the board of studies.

### Minutes of the BoS Meeting

BoS / Cyber Security 8.1	:	The Board of Studies Chairman welcomed the members.
BoS / Cyber Security 8.2	:	Vision and Mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / Cyber Security 8.3	:	PEOs, POs and PSOs of UG Programme were described.
<b>APPROVED THE SAME.</b>		



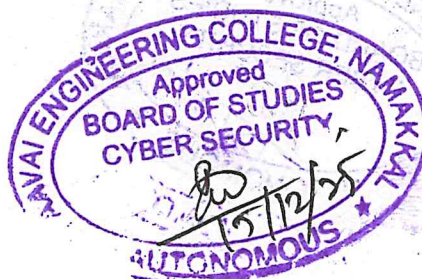
<b>BoS / Cyber Security 8.4</b>	:	The minutes of the 7 <sup>th</sup> Board of Studies meeting held on 05.07.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.
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**APPROVED THE SAME.**

<b>BoS / Cyber Security 8.5</b>	:	<b>To consider and approve the Curriculum, Curriculum Structure, Syllabi and Course Outcomes of 6<sup>th</sup> semester for B.E Cyber Security Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.</b>
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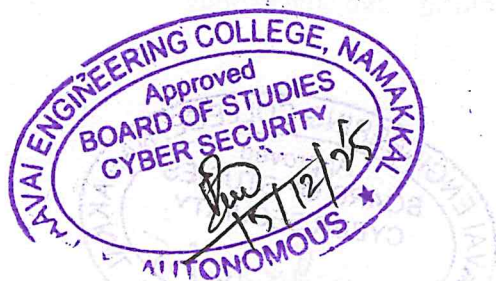
**Suggestions given by the members regarding UG syllabus:**

S.No	Course Name	Suggestions	Name of the Member
1.	<b>CY23601 - Machine Learning in Cyber Security</b>	Recommended to include LLM servers and tools as a part of machine learning models in the respective unit.	<b>Dr.K.Sathiyapriya,</b> <b>Mr.B.Sivakumar</b> (Other members acknowledged the same)
2.	<b>CY23602 - Blockchain and Crypto Currency Technologies</b>	No suggestions	-
3.	<b>CY23603 - Cyber Physical Systems</b>	Recommended to include detailed concepts for the topics covered in unit 3.	<b>Dr.K.Sathiyapriya</b> (Other members acknowledged the same)
4.	<b>CY23604 - Penetration Testing and Vulnerability Assessment</b>	Recommended to include Metasploit framework concept.	<b>Dr.K.Sathiyapriya,</b> <b>Dr.M.B Mukesh Krishnan</b> (Other members acknowledged the same)
5.	<b>CY23605 - Machine Learning in Cyber Security Laboratory</b>	Recommended to implement a few exercises using MATLAB.	<b>Dr.K.Sathiyapriya,</b> <b>Dr. N.Jaisankar</b> (Other members acknowledged the same)
6.	<b>CY23606 - Penetration Testing and Vulnerability Assessment Laboratory</b>	No suggestions	-
7.	<b>CY23607 - Design Thinking</b>	No suggestions	-



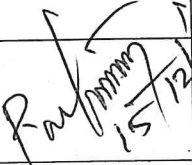
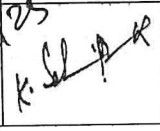
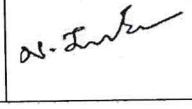
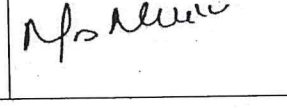
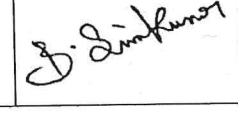
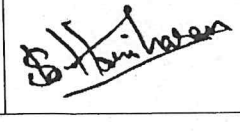
Open Elective Courses			
1.	CY23901 - Cyber Crime and Cyber Laws	No suggestions	-
2.	CY23903 - Fundamentals of Cyber Security	No suggestions	-
3.	CY23903 - Fundamentals of Digital Forensics	No suggestions	-
<b>RESOLVED AND APPROVED THE SAME.</b>			
BoS / Cyber Security 8.6	:	Discussed and got approved about Assessment Weightage.	
BoS / Cyber Security 8.7	:	Discussed and got approved about the value added courses (optional).	
BoS / Cyber Security 8.8	:	Discussed and got approved about flexibility to add or drop courses.	
BoS / Cyber Security 8.9	:	Discussed and got approved about re-admitted students for additional course.	
BoS / Cyber Security 8.10	:	Discussed and got approved about fast track mode for eligible students.	
BoS / Cyber Security 8.11	:	Discussed and got approved for target level to CO-PO-PSO attainment.	
BoS / Cyber Security 8.12	:	Discussed and got approved about Examination patterns and additional credits earned.	
BoS / Cyber Security 8.13	:	Discussed and got approved about Exemptions for NPTEL courses to eligible students.	


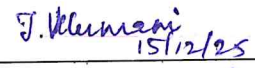
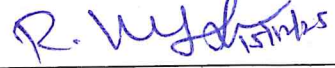

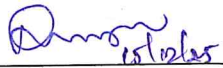


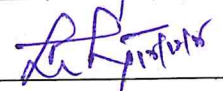
The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses offered by Cyber Security department for UG under Regulations 2023 for the students admitted from the academic year 2023-2024 onwards, including open electives, value added courses, mandatory courses and the panel of examiners.



Verified  
J. V. Chinn  
21/1/26

### BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr.P.Muthusamy Professor & HOD / Cyber Security	Dr.K.Sathiya priya, Associate Professor/ CSE PSG College of Technology, Coimbatore	Dr. N.Jaisankar, Professor/CSE Vellore Institute of Technology, Vellore	Dr.M.B Mukesh Krishnan, Professor/ Department of Networking and Communication SRM Institute of Science and Technology, Katankulathur, Chennai	Mr.B.Sivakumar, Senior Cyber Security Specialist, LTI Mindtree Private Limited, Chennai	Mr.S.B Hariharan, Graduate Engineer Trainee Risk & Compliance HCL Tech, IT Park, Sholinganalur, Chennai
Signature						

S.No	BoS Members	Designation	Signature
1.	Dr.P.Purusothaman	Associate Professor	
2.	Mrs.J.Velumani	Associate Professor	
3.	Mr.R.Loganathan	Associate Professor	
4.	Mr.P.Sathishkumar	Assistant Professor	
5.	Mrs.S.Ramya	Assistant Professor	
6.	Mrs.S.Chandrakala	Assistant Professor	
7.	Mrs.R.Rajalakshmi	Assistant Professor	
8.	Mrs.V.Sinthuja	Assistant Professor	



**PAAVAI ENGINEERING COLLEGE  
(AUTONOMOUS)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Minutes of 13<sup>th</sup> Board of Studies Meeting**

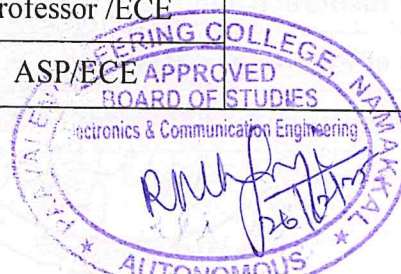
**Venue: Online Mode**

**Date and Time: 26.12.2025, 10.30 am**

The 13<sup>th</sup> Board of Studies Online meeting of the Department of Electronics and Communication Engineering, Paavai Engineering College, Pachal was held on 21.06.2025.

The following members were present in the meeting

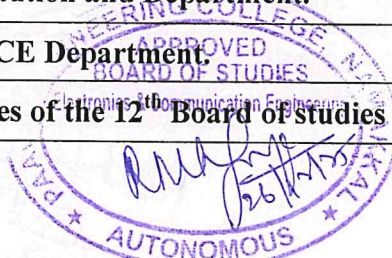
S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.R.Mohanapriya	HoD & Associate Professor	Chairman	Paavai Engineering College
2.	Dr.T.Jayasree	Assistant Professor / ECE	University Nominee	Centre for Medical Electronics, CEG Campus, Anna University, Chennai
3.	Dr. R. Pandeewari	Professor / ECE	Academic Expert	NIT, Trichy
4.	Dr. Christhu Raj M R'	Associate Professor / Head	Academic Expert	Directorate of Learning and Development, SRM Institute of Science and Technology, Chennai.
5.	Mr.S. Robertmathan	Program Manager	Industry Expert	L & T Technology Services Kolapakkam Chennai
6.	Mr.S.M.Chandru	Software Engineer	Alumni	Tech Mahindra Bangaluru
7.	Dr.K.Selvi	Dean Academics	Special Invitee	Paavai Engineering College
8.	Dr. T.Aruna	Professor /ECE	BoS Members	Paavai Engineering College
9.	Dr.S.Vijayakumar	Professor /ECE		Paavai Engineering College
10.	Dr.T.Loganayagi	Professor /ECE		Paavai Engineering College
11.	Dr.N.Angayarkanni	Professor /ECE		Paavai Engineering College
12.	Dr.A.Parimala Gandhi	Professor /ECE		Paavai Engineering College
13.	Dr.M.Shantha Kumar	ASP/ECE		Paavai Engineering College



14.	Dr.M.Udhayavani	ASP/ECE	BoS Members	Paavai Engineering College
15.	Mrs.A.Samundeeswari	ASP/ECE		Paavai Engineering College
16.	Mrs.E.Sangeetha	AP/ECE		Paavai Engineering College
17.	Mrs.C.Vanaja	AP/ECE		Paavai Engineering College
18.	Mr.S.Vijayakumar	AP/ECE		Paavai Engineering College
19.	Dr.R.Pushpavalli	ASP/ECE		Paavai Engineering College
20.	Mr.R.Logarasu	AP Sr.G/ECE		Paavai Engineering College
21.	Mr.S.Loganathan	AP/ECE		Paavai Engineering College
22.	Mr.S.Satheesh Kumar	AP/ECE		Paavai Engineering College
23.	Mr.D.Satheesh Kumar	AP/ECE		Paavai Engineering College
24.	Mrs.S.Usha	AP/ECE		Paavai Engineering College
25.	Mr.S.Vijay Murugan	AP/ECE		Paavai Engineering College
26.	Mr.A.Saravanan	AP/ECE		Paavai Engineering College
27.	Mrs.R.Bhuvaneshwari	AP/ECE		Paavai Engineering College
28.	Mrs. N.Gangarani	AP/ECE		Paavai Engineering College
29.	Mrs.S. Vijaya	AP/ECE		Paavai Engineering College
30.	Mrs.A.Sujitha	AP/ECE		Paavai Engineering College
31.	Mr.K.Venkatachalam	AP/ECE		Paavai Engineering College
32.	Dr.Thirumala Lakshmi	AP/ECE		Paavai Engineering College
33.	Mrs.A.Aarthi	AP/ECE		Paavai Engineering College
34.	Mrs.K.Thendral	AP/ECE		Paavai Engineering College
35.	Mrs.Renuka	AP/ECE		Paavai Engineering College
36.	Mr.Boopalan	AP/ECE		Paavai Engineering College
37.	Mrs.L.Sujitha	AP/ECE		Paavai Engineering College

### Agenda

➤	<b>Welcome Address</b>
➤	<b>Vision and mission of Institution and Department.</b>
➤	<b>PEOs, POs and PSOs of ECE Department.</b>
➤	<b>Confirmation of the minutes of the 12<sup>th</sup> Board of Studies meeting held on 21.06.2025.</b>



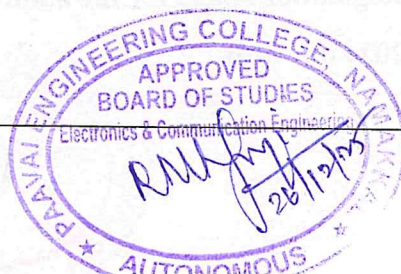
➤	<b>To consider &amp; approve the Curriculum and Syllabus of VI semester courses of B.E Electronics and Communication Engineering Programme under Regulations 2023.</b>
	<ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure.</li> <li>• Syllabus.</li> <li>• VI semester B.E., ECE under Regulations 2023.</li> <li>• Open electives courses offered by B.E., ECE to other Programmes.</li> </ul>
➤	<b>To discuss and approve Assessment Weightage.</b>
➤	<b>To discuss and approve the value added courses (optional).</b>
➤	<b>To discuss and approve flexibility to add or drop courses.</b>
➤	<b>To discuss and approve re-admitted students for additional course.</b>
➤	<b>To discuss and approve fast track mode for eligible students.</b>
➤	<b>To discuss and approve target for the CO-PO-PSO attainment.</b>
➤	<b>Examination patterns and additional credits earned.</b>
➤	<b>Exemptions for NPTEL Courses if any.</b>
➤	<b>Any other items proposed as agenda, relevant to the board of studies.</b>

**Minutes of the BoS Meeting**

<b>BoS / ECE 13.1</b>	:	The Board of studies Chairman welcomed the members.
<b>BoS / ECE 13.2</b>	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
<b>BoS / ECE 13.3</b>	:	PEOs, POs and PSOs of UG and PG Programme were described.
<b>APPROVED THE SAME.</b>		
<b>BoS / ECE 13.4</b>	:	The minutes of the 12 <sup>th</sup> Board of Studies meeting held on 21.06.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the committee members.
<b>APPROVED THE SAME.</b>		
<b>BoS / ECE 13.5</b>	:	To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of VI semester for B.E Electronics and Communication Engineering Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.



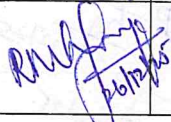
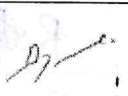


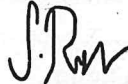
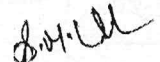
Suggestions given by the members regarding UG syllabus:			
S.No	Course Name	Suggestions	Name of the Member
1.	EC23601: Antenna and Wave Propagation	In Unit 4, Topic titled Anechoic Chamber, VNA may be included.	Dr.T.Jayasree (other members acknowledged the same)
2.	EC23602: VLSI DESIGN	In Unit 5, Implementation Of ALU on FPGA may be included.	Dr.T.Jayasree and S.M.Chandru (other members acknowledged the same)
3.	EC23603: Machine Learning For Communication Engineers	Title of the subject can be changed as ML for Communication Systems and also include Communication Topics in the syllabus.	Dr.T.Jayasree and Dr. R. Pandeewari (other members acknowledged the same)
4.	EC23604: Embedded and IOT Systems	In unit 1, Model Definition Language (MDL) can be included	S.M.Chandru (other members acknowledged the same)
5.	EC23606: VLSI Design Laboratory	No suggestions	-
6.	EC23607: Embedded and IoT Systems Laboratory	No suggestions	-
7.	EE23608: Design Thinking	No suggestions	-
Open Elective Courses			
1.	EC23901: Principles of Communication Systems	In unit 1, Modulation, Demodulation can be included	Dr.T.Jayasree (other members acknowledged the same)
2.	EC23902: Display Devices	In Unit 3, OLED may be included with some more details.	Dr.T.Jayasree, Dr. R. Pandeewari (other members acknowledged the same)
3.	EC19903: Basics of Embedded Systems	In Unit 1, title may be changed.	S.M.Chandru (other members acknowledged the same)

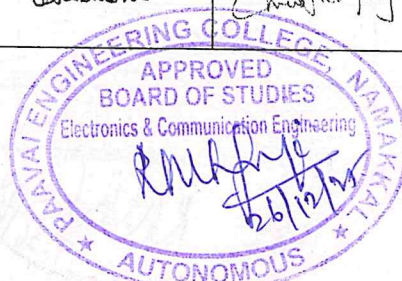



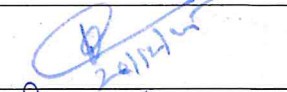
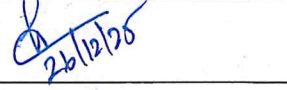
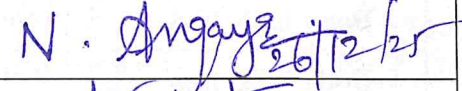
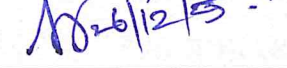
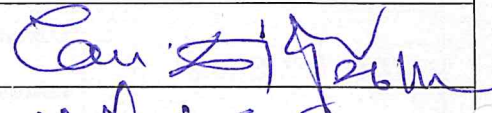
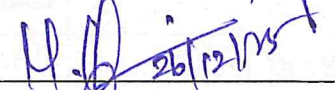
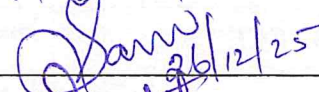
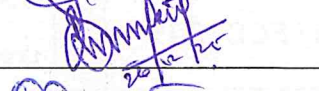
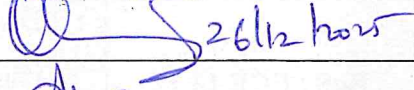
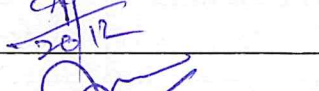
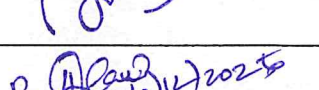
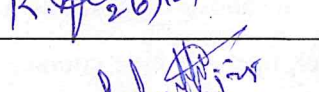
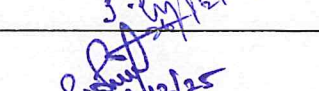

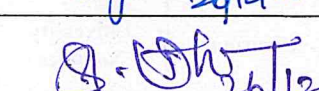
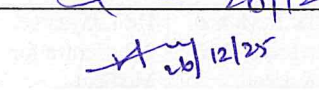
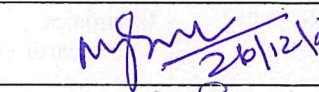
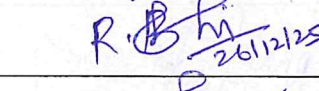


			same)
4.	<b>EC23904: Smart Sensors and Wearable Devices</b>	In Unit, Hospital Patients topic can be removed.	<b>Dr.T.Jayasree</b> (other members acknowledged the same)
<b>RESOLVED AND APPROVED THE SAME.</b>			
<b>BoS / ECE 13.5</b>	:	<b>Discussed and got approved about Assessment Weightage.</b>	
<b>BoS / ECE 13.6</b>	:	<b>Discussed and got approved about the value added courses (optional).</b>	
<b>BoS / ECE 13.7</b>	:	<b>Discussed and got approved about flexibility to add or drop courses.</b>	
<b>BoS / ECE 13.8</b>	:	<b>Discussed and got approved about re-admitted students for additional course.</b>	
<b>BoS / ECE 13.9</b>	:	<b>Discussed and got approved about fast track mode for eligible students.</b>	
<b>BoS / ECE 13.10</b>	:	<b>Discussed and got approved for target level to CO-PO-PSO attainment.</b>	
<b>BoS / ECE 13.11</b>	:	<b>Discussed and got approved about Examination patterns and additional credits earned.</b>	
<b>BoS / ECE 13.12</b>	:	<b>Discussed and got approved about Exemptions for NPTEL courses to eligible students for professional elective course titled with code - EC23556 - Industrial IoT and Industry 4.0.</b>	

The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses offered by ECE for UG under Regulations 2023 for the students admitted from the year 2023-2024 onwards, value added courses, mandatory courses and panel of examiners.

#### BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr.R.Mohan a Priya, AsP & Head, ECE, PEC	Dr.T.Jayasree, AP, Centre for Medical Electronics, AU, Chennai	Dr. R. Pandeewari, Professor, ECE, NIT, Trichy.	Dr. Christhu Raj M R, AsP & Head, DLD, SRM Institute of Science and Technology, Chennai.	Mr. S. Robert mathan, Program Manager L & T Technology Services, Chennai.	Mr. S.M.Chandru Senior Engineer Tech Mahindra Bengaluru
Signature						



S.No	BoS Members	Designation	Signature
1.	Dr. T.Aruna	Professor /ECE	 26/12/25
2.	Dr.S.Vijayakumar	Professor /ECE	 26/12/25
3.	Dr.T.Loganayagi	Professor /ECE	 26/12/25
4.	Dr.N.Angayarkanni	Professor /ECE	 26/12/25
5.	Dr.A.Parimala Gandhi	Professor /ECE	 26/12/25
6.	Dr.M.Shantha Kumar	ASP/ECE	 26/12/25
7.	Dr.M.Udhayavani	ASP/ECE	 26/12/25
8.	Mrs.A.Samundeeswari	ASP/ECE	 26/12/25
9.	Mrs.E.Sangeetha	AP/ECE	 26/12/25
10.	Mrs.C.Vanaja	AP/ECE	 26/12/25
11.	Mr.S.Vijayakumar	AP/ECE	 26/12/25
12.	Dr.R.Pushpavalli	ASP/ECE	 26/12/25
13.	Mr.R.Logarasu	AP Sr.G/ECE	 26/12/2025
14.	Mr.S.Loganathan	AP/ECE	 26/12/25
15.	Mr.S.Satheesh Kumar	AP/ECE	 26/12/25
16.	Mr.D.Satheesh Kumar	AP/ECE	 26/12/25
17.	Mrs.S.Usha	AP/ECE	 26/12/25
18.	Mr.S.Vijay Murugan	AP/ECE	 26/12/25
19.	Mr.A.Saravanan	AP/ECE	 26/12/25
20.	Mrs.R.Bhuvaneshwari	AP/ECE	 26/12/25
21.	Mrs. N.Gangarani	AP/ECE	 26/12/25



22.	Mrs.S.Vijaya	AP/ECE	<i>S. Vijaya</i> 26/12/25
23.	Mrs.A.Sujitha	AP/ECE	<i>A. Sujitha</i> 26/12/25
24.	Mr.K.Venkatachalam	AP/ECE	<i>K. Venkatachalam</i> 26/12/25
25.	Dr.Thirumala Lakshmi	AP/ECE	<i>Dr. Thirumala Lakshmi</i> 26/12/25
26.	Mrs.A.Aarthi	AP/ECE	<i>A. Arthi</i> 26/12/25
27.	Mrs.K.Thendral	AP/ECE	<i>K. Thendral</i> 26/12/25
28.	Mrs.Renuka	AP/ECE	<i>M. Renuka</i> 26/12/25
29.	Mr.Boopalan	AP/ECE	<i>Mr. Boopalan</i> 26/12/25
30.	Mrs.L.Sujitha	AP/ECE	<i>L. Sujitha</i> 26/12/25



**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Minutes of 13<sup>th</sup> Board of Studies Meeting**

Venue: Online Mode

Date and Time: 22.12.2025, 11.00 a.m.

The 13<sup>th</sup> Board of studies meeting of the Department of Electrical and Electronics Engineering was held on 22.12.2025 (Monday), at 11.00 a.m. through online mode, Paavai Engineering College, Pachal. The following members were present in the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.G.Balaji	HoD & Professor	Chairman	Paavai Engineering College
2.	Dr.K.Selvi	Prof./EEE	University Nominee	Thiagarajar College of Engineering, Madurai
3.	Dr.M.Jagabar Sathik	ASP./EEE	Academic Expert 1	SRM Institute of Science and Technology, Chennai
4.	Dr.V.Arunachalam	ASP/MNE	Academic Expert 2	Department of Micro & Nano Electronics, VIT University, Vellore
5.	Mr.V.Subramanian	DGM - Training	Industry Expert	General Manager, Head Switchgear Training Centre, Schneider Electric India Pvt Ltd. Pune
6.	Ms.P.Rajarajeshwari,	Senior Manager	Alumni	Sr Manager, Global Supply Chain, Schneider Electric, Bengaluru
7.	Dr.K.Selvi	Dean Academics	Special Invitee	Paavai Engineering College
8.	Dr.B.Murali Babu	Professor	BoS Members	Paavai Engineering College
9.	Dr.C.Arulkumar	ASP/EEE		Paavai Engineering College
10.	Mrs.G.Umamaheswari	ASP/EEE		Paavai Engineering College
11.	Mrs.K.K.Poongodi	AP/EEE		Paavai Engineering College
12.	Dr.S.Suganya	AP/EEE		Paavai Engineering College
13.	Dr.S.Ramachandaran	AP/EEE		Paavai Engineering College
14.	Mr.R.Satheeshkumar	AP/EEE		Paavai Engineering College
15.	Mr.M.Raja	AP/EEE		Paavai Engineering College



## Agenda

➤	Welcome Address
➤	Vision and mission of Institution and Department.
➤	PEOs, POs and PSOs of UG and PG Programme.
➤	Confirmation of the minutes of the 12 <sup>th</sup> Board of studies meeting held on 05.07.2025 and action taken report.
➤	To consider & approve the Curriculum and Syllabus of VI semester courses to B.E Electrical and Electronics Engineering Programme under Regulations 2023. <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure</li> <li>• Syllabus</li> <li>• 6th semester B.E., EEE under Regulations 2023.</li> <li>• Open electives courses offered by B.E., EEE to other Programmes</li> </ul>
➤	To discuss and approve Assessment Weightage.
➤	To discuss and approve the value added courses (optional).
➤	To discuss and approve flexibility to add or drop courses.
➤	To discuss and approve re-admitted students for additional course.
➤	To discuss and approve fast track mode for eligible students.
➤	To discuss and approve target for the CO-PO-PSO attainment.
➤	Examination patterns and additional credits earned.
➤	Any other items proposed as agenda, relevant to the board of studies.

### Minutes of the BoS Meeting

BoS / EEE 13.1	:	The Board of studies Chairman welcomed the members.
BoS / EEE 13.2	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / EEE 13.3	:	PEOs, POs and PSOs of UG and PG Programme were described.
<b>APPROVED THE SAME.</b>		
BoS / EEE 13.4	:	The minutes of the 12 <sup>th</sup> Board of Studies meeting held on 05.07.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.
<b>APPROVED THE SAME.</b>		



<b>BoS / EEE 13.5</b>	<b>:</b>	<b>To consider &amp; approve the Curriculum, Curriculum Structure, Syllabi &amp; Course Outcomes of VI semester for B.E Electrical and Electronics Engineering Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.</b>
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**Suggestions given by the members regarding UG syllabus:**

S.No	Course Name	Suggestions		Name of the Member
		Previous	Suggested	
1.	<b>EE23601 : Protection and Switchgear</b>	Unit sequence can be changed		Dr.K.Selvi (other members acknowledged the same)
		1. Relay characteristics.	1. Relay characteristics.	
		2. Apparatus protection.	2. Theory of circuit interruption.	
		3. Theory of circuit interruption.	3. Circuit breakers	
		4. Circuit breakers.	4. Apparatus protection.	
		5. Digital Protection	5. Digital Protection	
2.	<b>EE23602: Power System Analysis</b>	No suggestions		-
3.	<b>EE23603: Microprocessor and Microcontroller</b>	No suggestions		-
4.	<b>EE23604 : Programmable Logic Controllers and SCADA</b>	Unit V contents are heavy, Recommended to reduce the contents.		Dr.K.Selvi Dr.M.Jagabar Sathik (other members acknowledged the same)
5.	<b>EE23605: Power System Simulation Laboratory</b>	No suggestions		-
6.	<b>EE23606 : Microprocessor and Microcontroller Laboratory</b>	No suggestions		-


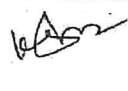

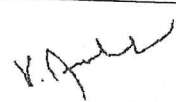
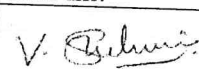



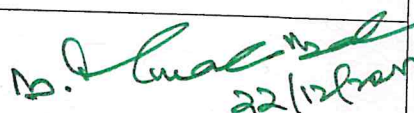







7.	EE23607 : Design Thinking	No suggestions	-
<b>Open Elective Courses</b>			
1.	EE23901 : Energy Conservation	No suggestions	-
2.	EE23902 : Solar PV Design and Installation	No suggestions	-
3.	EE23903 : Basics of Electric Vehicles	No suggestions	-
4.	EE23904: MATLAB Programming for Engineering Applications	Unit V contents are heavy, Recommended to provide fundamentals and Gauss Seidel method.	Dr.K.Selvi (other members acknowledged the same)
<b>RESOLVED AND APPROVED THE SAME.</b>			
BoS / EEE 13.5	:	Discussed and got approved about Assessment Weightage.	
BoS / EEE 13.6	:	Discussed and got approved about the value added courses (optional).	
BoS / EEE 13.7	:	Discussed and got approved about flexibility to add or drop courses.	
BoS / EEE 13.8	:	Discussed and got approved about re-admitted students for additional course.	
BoS / EEE 13.9	:	Discussed and got approved about fast track mode for eligible students.	
BoS / EEE 13.10	:	Discussed and got approved for target level to CO-PO-PSO attainment.	
BoS / EEE 13.11	:	Discussed and got approved about Examination patterns and additional credits earned.	

The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses offered by EEE for UG under Regulations 2023 for the students admitted from the year 2023-2024 onwards, value added courses, mandatory courses and panel of examiners.



## BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr. G. Balaji Professor & Head, EEE	Dr. K. Selvi, Prof/EEE, Thiagarajar College of Engineering, Madurai.	Dr. M. Jagabar Sathik, ASP/EEE SRM Institute of Science and Technology, Chennai.	Dr. V. Arunachalam, ASP/MNE Department of Micro & Nano Electronics, VIT University, Vellore.	Mr. V. Subramanian, General Manager, Head Switchgear Training Centre, Schneider Electric India Pvt Ltd. Pune.	Ms. P. Rajarajeshwari, Sr Manager, Global Supply Chain, Schneider Electric, Bengaluru
Signature						

S.No	BoS Members	Designation	Signature
1.	Dr. B. Murali Babu	Professor	 22/12/25
2.	Dr. C. Arulkumar	ASP/EEE	 22/12/25
3.	Mrs. G. Umamaheswari	ASP/EEE	 22/12/25
4.	Mrs. K. K. Poongodi	AP/EEE	 22/12/25
5.	Dr. S. Suganya	AP/EEE	 22/12/25
6.	Dr. S. Ramachandaran	AP/EEE	 22/12/25
7.	Mr. R. Satheeskumar	AP/EEE	 22/12/25
8.	Mr. M. Raja	AP/EEE	 22/12/25



**PAAVAI ENGINEERING COLLEGE (Autonomous)**

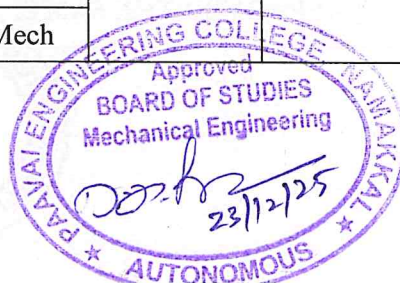
**DEPARTMENT OF MECHANICAL ENGINEERING**

**Minutes of 13<sup>th</sup> Board of Studies Meeting**

**Date and Time: 23.12.2025, 03.30 PM – Online Mode**

The 13<sup>th</sup> Board of Studies meeting of the Department of Mechanical Engineering and Safety and Fire Engineering was held on 23.12.2025 (Tuesday), at 03.30 pm through Online Mode, at Paavai Engineering College. The following members were present for the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.A.P.Sivasubramaniam	HoD & Prof / Mech	Chairman	Paavai Engineering College.
2.	Dr.K.Kannan	Prof/ Mech	University Nominee	PSG College of Technology, Coimbatore.
3.	Dr.R.Jeyapaul	Prof/ Production Engg	Academic Expert 1	National Institute of Technology, Trichy.
4.	Dr.G.Sundaramali	ASP/ Mech	Academic Expert 2	School of Mechanical Engineering, VIT Vellore Campus, Vellore.
5.	Mr.A.Maheshkumar	Head Automation	Industry Expert	Brakes India Private Ltd, Chennai.
6.	Mr.K.Sakthivel	Assistant Manager	Alumni	Mutiara Thermal Power Plant, Tuticorin.
7.	Dr.M.Premkumar	Principal	Members	Paavai Engineering College
8.	Dr.K.K.Ramasamy	Prof/ Mech		
9.	Dr.K.Sundara Murthy	Prof/ Mech		
10.	Dr.M.Makesh	Prof/ Mech		
11.	Dr.S.Maniraj	ASP/ Mech		
12.	Dr.S.T.Kumaravel	ASP/ Mech		
13.	Dr.V.Senthilkannan	ASP/ Mech		
14.	Dr.M.S.Vijayanand	ASP/ Mech		
15.	Dr.P.Pugalenth	ASP/ Mech		
16.	Dr.M.Selvaraj	AP/ Mech		
17.	Mr.S.Prabhakaran	AP/ Mech		
18.	Mr.K.Anand	AP/ Mech		
19.	Mr.T.Sathees	AP/ Mech		
20.	Mr.R.Meiyazhagan	AP/ Mech		
21.	Mr.R.Mohanraj	AP/ Mech		



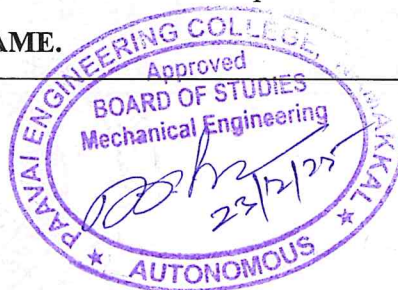
22.	Mr.N.Lokeshwaran	AP/ Mech		
23.	Mr.T.Thangavel	AP/ Mech		
24.	Mr.J.Sujithkumar	AP/ Mech		
25.	Mr.N.Manigandan	AP/ Mech		
26.	Mr.M.Vinothkumar	AP/ Mech		
27.	Mr.S.Dinakaran	AP/ Mech		
28.	Mr.P.Raja	AP/ Mech		

**Agenda**

❖	The Chairman, Board of Studies welcomed the members.
❖	Vision and Mission of Institution and Department.
❖	PEOs, POs and PSOs of the Programme.
❖	Confirmation of the minutes of 12 <sup>th</sup> Board of studies meeting held on 08.07.2025 and action taken report.
❖	To consider & approve the Curriculum and Syllabus of Semester VI of B.E. Mechanical Engineering Programme under Regulations 2023 and Semester VIII of B.E. Safety and Fire Engineering Programme under Regulations 2019. <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure</li> <li>• Syllabus</li> </ul>
❖	To discuss and approve fast track mode for eligible students.
❖	To discuss and approve Assessment Weightage.
❖	To discuss and approve flexibility to add or drop courses.
❖	To discuss and approve re-admitted students for additional course.
❖	To discuss and approve target for the CO-PO-PSO attainment.
❖	Examination patterns and additional credits earned.
❖	Exemptions for NPTEL Courses if any.
❖	Any other items proposed as agenda, relevant to the board of studies.

**Minutes of the BoS Meeting**

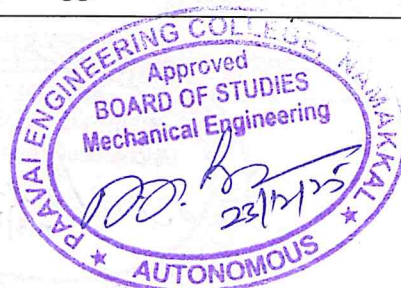
<b>BoS / MECH 13.1</b>	:	The Chairman, Board of Studies welcomed the members.
<b>BoS / MECH 13.2</b>	:	Vision and Mission of Institution and Department were described. <b>APPROVED THE SAME.</b>



<b>BoS / MECH 13.3</b>	:	PEOs, POs and PSOs of the Programme were described. <b>APPROVED THE SAME.</b>
<b>BoS / MECH 13.4</b>	:	The Minutes of the 12 <sup>th</sup> Board of Studies meeting held on 08.07.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation. <b>APPROVED THE SAME.</b>
<b>BoS / MECH 13.5</b>	:	To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of 6th semester of B.E. Mechanical Engineering Programme under Regulations 2023 and Semester VIII of B.E. Safety and Fire Engineering Programme under Regulations 2019.

**Suggestions given by the members regarding UG (Mech & SFE):**

S.No	Course Name	Suggestions	Name of the Member
<b>MECHANICAL ENGINEERING</b>			
1.	ME23601 - Design of Transmission Systems	No suggestions	-
2.	ME23602 - Heat and Mass Transfer	No suggestions	-
3.	ME23603 - Computer Aided Design and Manufacturing	No suggestions	-
4.	ME23604 - CAD/CAM Laboratory	No suggestions	-
5.	ME23605 - Heat Transfer Laboratory	Changing the course title as Heat Transfer Laboratory.	Dr.R.Jeyapaul (other members acknowledged the same)
6.	ME23606 - Design Thinking	In Practical courses, the number of course outcomes is four, which can be reduced to two for improvement.	Dr.K.Kannan (other members acknowledged the same)
		Projects based on recent technologies and innovative.	Mr.A.Maheshkumar (other members acknowledged the same)
7.	ME23901 - Renewable Energy Sources	No suggestions	-
8.	ME23902 - 3D Printing	No suggestions	-



**SAFETY AND FIRE ENGINEERING**

9.	SF20801 - Project Work (Phase II)	No suggestions	-
10.	SF20551 - Disaster Management	No suggestions	-
11.	SF20552 - Environmental Protection and Waste Management	E-Waste Recycling be revised to focus more broadly on sustainability, with the unit name elaborated accordingly.	Dr.G.Sundaramali (other members acknowledged the same)
12.	SF20553 - Air and Water Pollution control	Revising the unit name "Quantity of Water" and elaborating it.	Dr.G.Sundaramali (other members acknowledged the same)
13.	SF20554 - Energy Environment Ethics and Society	Revising the unit name "Energy".	Mr.K.Sakthivel (other members acknowledged the same)
14.	SF20651 - Fundamentals of Nano science	No suggestions	-
15.	SF20652 - Explosive Technology and Safety	No suggestions	-
16.	SF20653 - Human Factors Engineering	No suggestions	-
17.	SF20654 - Fire Dynamics	No suggestions	-

**Professional Elective Exemption with NPTEL Course:**

S.No	Professional Elective	NPTEL Course
1	ME23254 - Computer Integrated Manufacturing	Computer Integrated Manufacturing (Jan-Apr 2025)

**RESOLVED AND APPROVED THE SAME.**

<b>BoS / MECH 13.6</b>	:	Discussed and got approved about Assessment Weightage.
<b>BoS / MECH 13.7</b>	:	Discussed and got approved about flexibility to add or drop courses.
<b>BoS / MECH 13.8</b>	:	Discussed and got approved about re-admitted students for additional course for IV Semester Mechanical Engineering.
<b>BoS / MECH 13.9</b>	:	Discussed and got approved about fast track mode for 3 Mechanical Engineering students.
<b>BoS / MECH 13.10</b>	:	Discussed and got approved for target level to CO-PO-PSO attainment.



<b>BoS / MECH 13.11</b>	:	Discussed and got approved about Examination patterns and additional credits earned.
<b>BoS / MECH 13.12</b>	:	Discussed and got approved about Exemptions for NPTEL courses to eligible students.

The above suggestions were given by the members and approved the Curriculum Structure, Syllabi & Course Outcomes of 6<sup>th</sup> semester of B.E. Mechanical Engineering Programme under Regulations 2023 and Semester VIII of B.E. Safety and Fire Engineering Programme under Regulations 2019 and open electives, mandatory courses and panel of examiners.

The BoS members suggested valuable inputs on syllabus contents and for the overall improvement.

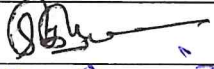
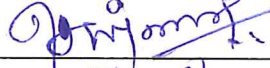
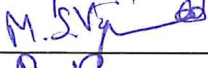

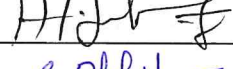


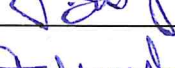
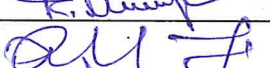
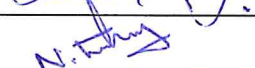









**Dr.A.P.Sivasubramaniam**

HoD/ MECH – BoS (Chairman)

Position in the committee	University Nominee	Academic Expert	Academic Expert	Industry Expert	Alumni
<b>Name &amp; Designation</b>	<b>Dr.K.Kannan</b> Prof/ Mech	<b>Dr.R.Jeyapaul,</b> Prof/ Mech	<b>Dr.G.Sundaramali,</b> ASP/ Mech	<b>Mr.A.Maheshkumar,</b> Head Automation	<b>Mr.K.Sakthivel</b> Assistant Manager
<b>e-Signature</b>					

S.No	BoS Members	Designation	Signature
1.	Dr.M.Premkumar	Principal	
2.	Dr.K.K.Ramasamy	Prof/ Mech	
3.	Dr.K.Sundaramurthy	Prof/ Mech	
4.	Dr.M.Makesh	Prof/ Mech	
5.	Dr.S.Maniraj	ASP/ Mech	

6.	Dr.S.T.Kumaravel	ASP/ Mech	
7.	Dr.V.Senthilkannan	ASP/ Mech	
8.	Dr.M.S.Vijayanand	ASP/ Mech	
9.	Dr.P.Pugalenthi	ASP/ Mech	
10.	Dr.M.Selvaraj	AP/ Mech	
11.	Mr.S.Prabhakaran	AP/ Mech	
12.	Mr.K.Anand	AP/ Mech	
13.	Mr.T.Sathees	AP/ Mech	
14.	Mr.R.Meiyazhagan	AP/ Mech	
15.	Mr.R.Mohanraj	AP/ Mech	
16.	Mr.N.Lokeshwaran	AP/ Mech	
17.	Mr.T.Thangavel	AP/ Mech	
18.	Mr.J.Sujithkumar	AP/ Mech	
19.	Mr.N.Manigandan	AP/ Mech	
20.	Mr.M.Vinothkumar	AP/ Mech	
21.	Mr.S.Dinakaran	AP/ Mech	
22.	Mr.P.Raja	AP/ Mech	

**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
**DEPARTMENT OF MECHATRONICS ENGINEERING**  
**Minutes of 13<sup>th</sup> Board of Studies Meeting**

Venue: Online Mode

Date and Time: 17.12.2025, 02.00 p.m.

The 13<sup>th</sup> Board of studies meeting of the Department of Mechatronics Engineering was held on 17.12.2025 (Wednesday), at 02.00 p.m. through online mode, Paavai Engineering College, Pachal. The following members were present in the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.D.R.P.Rajarathnam	HoD & Prof / MCT	Chairman	Paavai Engineering College.
2.	Dr. V.Sathiesh Kumar	Assistant Professor	University Nominee	MIT Campus, Anna University, Chennai.
3.	Dr. T.C.Kanish	Professor	Academic Expert	VIT, Vellore.
4.	Dr. S.Syath Abuthakeer	Associate Professor	Academic Expert	PSG College Technology, Coimbatore.
5.	Mr. L.Devarajan	Associate General Manager - R&D, New product Development	Industry Expert	Rockman Industries, Chennai.
6.	Mr. J.Mithun Dass	Project Manager	Alumni	Quarks Automation and Robotics, Chennai.
7.	Mrs.G.Umamaheswari	ASP/EEE	Member	Paavai Engineering College
8.	Mr.S.Rajesh	ASP/CSE		
9.	Mr.A.Jayapal	AP/CIVIL		
10.	Dr. R.T.Ajaykarthik	Prof/MCT		
11.	Dr. C.Suresh	ASP/MCT		
12.	Mr. S.Manikandan	AP/MCT		
13.	Mr. R.Arunbabu	AP/MCT		
14.	Mr. S.Manikandan	AP/MCT		
15.	Mr. C.Vibin Stalin	AP/MCT		
16.	Mr. R.Karthick	AP/MCT		
17.	Mrs. R.M.Thamilselvi	AP/MCT		
18.	Mr. M.Raja	AP/MCT		
19.	Mr. D.Anandan	AP/MCT		



## Agenda

➤	Welcome Address
➤	Vision and mission of Institution and Department.
➤	PEOs, POs and PSOs of UG Programme.
➤	Confirmation of the minutes of the 12 <sup>th</sup> Board of studies meeting held on 27.06.2025 and action taken report.
➤	To consider & approve the Curriculum and Syllabus of VI semester courses of B.E. Mechatronics Engineering Programme under Regulations 2023. <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure.</li> <li>• Syllabus.</li> <li>• VI semester B.E., Mechatronics Engineering under Regulations 2023.</li> <li>• Open electives courses offered by B.E., Mechatronics Engineering to other Programmes.</li> </ul>
➤	To discuss and approve Assessment Weightage.
➤	To discuss and approve the one credit courses (optional).
➤	To discuss and approve flexibility to add or drop courses.
➤	To discuss and approve re-admitted students for additional course.
➤	To discuss and approve fast track mode for eligible students.
➤	To discuss and approve target for the CO-PO-PSO attainment.
➤	Examination patterns and additional credits earned.
➤	Exemptions for NPTEL Courses if any.
➤	Any other items proposed as agenda, relevant to the board of studies.

### Minutes of the BoS Meeting

BoS / MCT 13.1	:	The Board of studies Chairman welcomed the members.
BoS / MCT 13.2	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / MCT 13.3	:	PEOs, POs and PSOs of UG Programme were described.
<b>APPROVED THE SAME.</b>		
BoS / MCT 13.4	:	The minutes of the 12 <sup>th</sup> Board of Studies meeting held on 27.06.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.
<b>APPROVED THE SAME.</b>		



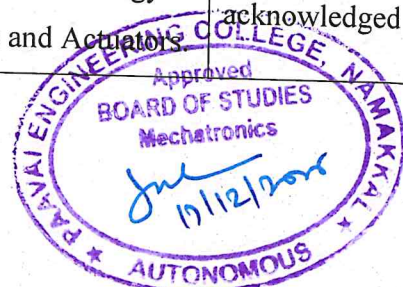
<b>BoS / MCT 13.5</b>	<b>:</b>	<b>To consider &amp; approve the Curriculum, Curriculum Structure, Syllabi &amp; Course Outcomes of VI semester for B.E. Mechatronics Engineering Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.</b>
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**Suggestions given by the members regarding UG syllabus:**

S.No	Course Name	Suggestions	Name of the Member
1.	<b>MT23601: Mechatronics System Design</b>	Include "Mechatronics: Electronic Control Systems in Mechanical and Electrical Engineering" by W. Bolton as a reference book.	<b>Dr.T.C.Kanish</b> (other members acknowledged the same)
2.	<b>MT23602: Fluid Power System</b>	Change Unit 3 title as Hydraulic circuit design and Unit 4 title as Pneumatic circuit design.	<b>Dr.T.C.Kanish</b> (other members acknowledged the same)
3.	<b>MT23603: Programmable Logic Controller</b>	No suggestions	-
4.	<b>MT23604: Fluid Power System Laboratory</b>	No suggestions	-
5.	<b>MT23605: Programmable Logic Controller Laboratory</b>	Modify the course objectives and outcomes.	<b>Dr. V.Sathiesh Kumar</b> (other members acknowledged the same)
		Remove microcontroller based experiments and add stepper motor related experiments.	<b>Dr.T.C.Kanish</b> (other members acknowledged the same)
		Include real time problem solving related experiments.	<b>Mr. J.Mithun Dass</b> (other members acknowledged the same)
6.	<b>MT23606: Design Thinking</b>	No suggestions	-

**Open Elective Courses**

1.	<b>MT23901: Non-Destructive Testing</b>	No suggestions	-
2.	<b>MT23902: Fundamentals in Sensors and Actuators</b>	Change the course title from Fundamentals in Sensors Technology to Fundamentals in Sensors and Actuators	<b>Dr.T.C.Kanish</b> (other members acknowledged the same)



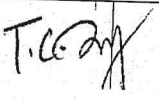

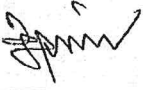
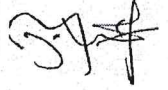


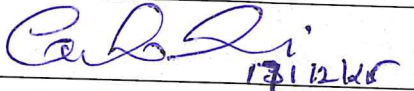

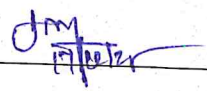
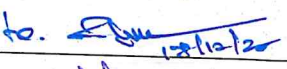
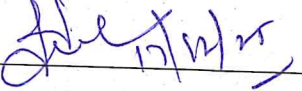

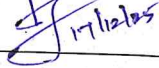
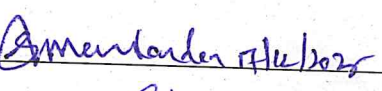
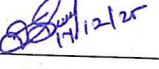

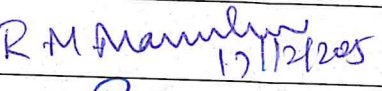
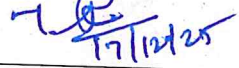

One Credit Courses			
1.	MT23951: Android Studio	No suggestions	-
2.	MT23952: Intellectual Property Rights	No suggestions	-
3.	MT23953: CATIA V5	No suggestions	-
4.	MT23954: Automation Studio	No suggestions	-
5.	MT23955: Geometric Dimensioning and Tolerancing	No suggestions	-
6.	MT23956: PCB Design	No suggestions	-
7.	MT23957: CREO 4.0	Prefer Creo PLM software for this course.	Mr. L.Devarajan (other members acknowledged the same)
<b>RESOLVED AND APPROVED THE SAME.</b>			
BoS / MCT 13.5	:	Discussed and got approved about Assessment Weightage.	
BoS / MCT 13.6	:	Discussed and got approved about the one credit courses (optional).	
BoS / MCT 13.7	:	Discussed and got approved about flexibility to add or drop courses.	
BoS / MCT 13.8	:	Discussed and got approved about re-admitted students for additional course.	
BoS / MCT 13.9	:	Discussed and got approved about fast track mode for eligible students.	
BoS / MCT 13.10	:	Discussed and got approved for target level to CO-PO-PSO attainment.	
BoS / MCT 13.11	:	Discussed and got approved about Examination patterns and additional credits earned.	
BoS / MCT 13.12	:	Discussed and got approved about Exemptions for NPTEL courses to eligible students.	

The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses offered by Mechatronics Engineering for UG under Regulations 2023 for the students admitted from the year 2023-2024 onwards, one credit courses, mandatory courses and panel of examiners.



## BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr. D.R.P.Rajaratnam Professor & Head, MCT	Dr. V. Sathiesh Kumar, AP, ECE, MIT, Chennai.	Dr. T.C. Kanish Professor, VIT, Vellore	Dr. S. Syath Abuthakeer, ASP, PSG, Coimbatore	Mr. L. Devarajan, Associate General Manager - R&D, New product Development, Rockman Industries, Chennai.	Mr. J. Mithun Dass, Project Manager, Quarks Automation and Robotics, Chennai.
Signature						

S. No	BoS Members	Designation	Signature
1.	Mrs.G.Umamaheswari	ASP/EEE	
2.	Mr.S.Rajesh	ASP/CSE	
3.	Mr.A.Jayapal	AP/CIVIL	
4.	Dr. R.T.Ajaykarthik	Prof/MCT	
5.	Dr. C.Suresh	ASP/MCT	
6.	Mr. S.Manikandan	AP/MCT	
7.	Mr. R.Arunbabu	AP/MCT	
8.	Mr. S.Manikandan	AP/MCT	
9.	Mr. C.Vibin Stalin	AP/MCT	
10.	Mr. R.Karthick	AP/MCT	
11.	Mrs. R.M.Thamilselvi	AP/MCT	
12.	Mr. M.Raja	AP/MCT	
13.	Mr. D.Anandan	AP/MCT	



**PAAVAI ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**DEPARTMENT OF ROBOTICS & AUTOMATION**

**Minutes of 6<sup>th</sup> Board of Studies Meeting**

**Venue: Online Mode**

**Date and Time: 17.12.2025, 02.00 PM – Online Mode**

The 6<sup>th</sup> Board of Studies meeting of the Department of Robotics & Automation was held on 17.12.2025 (Wednesday), at 02.00 pm through Online Mode, at Paavai Engineering College. The following members were present for the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr. V. Subburam	HoD & Prof / R&A	Chairman	Paavai Engineering College.
2.	Dr. V.Sathiesh Kumar	Assistant Professor	University Nominee	MIT Campus, Anna University, Chennai.
3.	Dr. T.C.Kanish	Professor	Academic Expert	VIT, Vellore.
4.	Dr. S.Syath Abuthakeer	Associate Professor	Academic Expert	PSG College of Technology, Coimbatore.
5.	Mr. L.Devarajan	Associate General Manager - R&D, New Product Development	Industry Expert	Rockman Industries, Chennai.
6.	Mr. J.Mithun Dass	Project Manager	Alumni	Quarks Automation and Robotics, Chennai.
7.	Dr. M. Matheswaran	AP / R&A	Member	Paavai Engineering College
8.	Mr. K. Mohanraj	AP / R&A		Paavai Engineering College
9.	Mr. R. Bharath	AP / R&A		Paavai Engineering College
10.	Dr. R. Rajeshkannan	AP / R&A		Paavai Engineering College
11.	Mr. M. K. Prabhu	AP / R&A		Paavai Engineering College
12.	Mr. R. Premraj	AP / R&A		Paavai Engineering College
13.	Mr. V. Kumarakrishnan	AP / R&A		Paavai Engineering College
14.	Ms. P. Elakkiya	AP / R&A		Paavai Engineering College

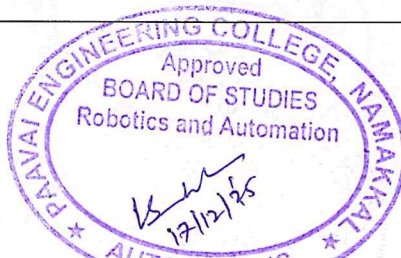


## Agenda

➤	Welcome Address
➤	Vision and mission of Institution and Department.
➤	PEOs, POs and PSOs of UG and PG Programme.
➤	Confirmation of the minutes of the 5 <sup>th</sup> Board of Studies meeting held on 05.07.2025 at 10.00 am and the action taken report.
➤	To consider and approve the curriculum and syllabus for the 6 <sup>th</sup> semester of Regulation 2023, including Open Elective–I, and the 8th semester of Regulation 2019 for the B.E. Robotics and Automation programme. <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure</li> <li>• 6th Semester Syllabus including Open Elective-I under Regulations 2023</li> <li>• 8th Semester Syllabus under Regulations 2019</li> <li>• Fast Track mode for eligible students</li> <li>• CO-PO-PSO Attainment</li> </ul>
➤	To discuss and approve Assessment Weightage.
➤	To discuss the Syllabus Review Committee (SRC) and Department Advisory Committee (DAC) recommendations.
➤	To discuss and approve re-admitted students for additional course.
➤	To discuss the Assessment scheme for Theory and Practical courses.
➤	To discuss the NPTEL courses and Professional Elective exemption.
➤	Examination patterns and additional credits earned.

### Minutes of the BoS Meeting

BoS / R&A 6.1	:	The Board of studies Chairman welcomed the members.
BoS / R&A 6.2	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / R&A 6.3	:	PEOs, POs and PSOs of UG Programme were described.
<b>APPROVED THE SAME.</b>		
BoS / R&A 6.4	:	The minutes of the 5 <sup>th</sup> Board of Studies meeting held on 05.07.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.

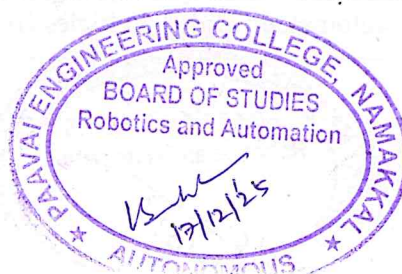


**APPROVED THE SAME.**

<b>BoS / R&amp;A 6.5</b>	:	The recommendations of the Syllabus Review Committee (SRC) were presented and discussed. The members endorsed the proposed syllabus modifications.
<b>BoS / R&amp;A 6.6</b>	:	The suggestions of the Department Advisory Committee (DAC) were placed before the Board. The members appreciated the industry-oriented input and recommended their inclusion in the curriculum.
<b>BoS / R&amp;A 6.7</b>	:	The Assessment Scheme for Theory and Practical Courses was discussed. The Board emphasized transparency, continuous assessment, and alignment with course outcomes.
<b>BoS / R&amp;A 6.8</b>	:	The proposal on NPTEL courses and Professional Elective exemption was discussed. The members recommended allowing exemptions as per university norms and institutional guidelines.
<b>BoS / R&amp;A 6.9</b>	:	To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of 6th semester, including Open Elective-I offered under Regulations 2023 and the 8 <sup>th</sup> semester of Regulations 2019 for the B.E. Robotics and Automation Programme with effect from the Academic Year 2025-2026 onwards.

**Suggestions given by the members regarding UG syllabus:**

S.No	Course Name	Suggestions	Name of the Member
1.	<b>RA23601 – Industrial Management</b>	BOS members recommended updating the syllabus with the latest editions of standard textbooks with current industrial practices and management trends.	Dr. V.Sathiesh Kumar (other members acknowledged the same)
2.	<b>RA23603 – PLC and Automation</b>	Integration of PLC-based robotic control and interfacing concepts was recommended.	Dr. T.C.Kanish Dr. V.Sathiesh Kumar

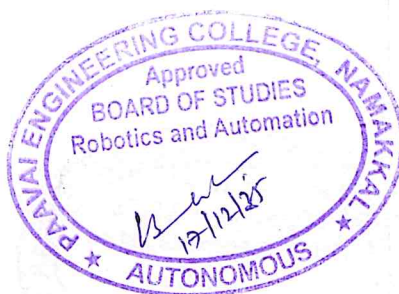


3.	<b>RA23604 – Industry 4.0 in Smart Factories</b>	It was recommended to incorporate Industrial Internet of Things (IIoT) concepts into Unit III to further enhance Industry 4.0 coverage and smart factory implementation.	Dr. S.Syath Abuthakeer(other members acknowledged the same)
4.	<b>RA23605 – Robot Kinematics and Dynamics Laboratory</b>	The use of FANUC RoboGuide (Open-Source Software Version) was suggested to enhance simulation-based learning and practical exposure.	Dr. T.C.Kanish Mr. L.Devarajan
5.	<b>RA23606 – PLC and Automation Laboratory</b>	It was recommended to include robot control experiments using PLCs to strengthen hands-on integration between automation and robotics.	Dr.T.C.Kanish(other members acknowledged the same)
6.	<b>RA20801 – Autotronics and Vehicle Intelligence</b>	Experts suggested including Unmanned Vehicles, LiDAR Sensors, and Driverless Vehicle concepts under Unit V – Advanced Automotive Systems.	Dr.T.C.Kanish Dr. S.Syath Abuthakeer
7.	<b>RA20551 – Machine Learning for Robotics</b>	The Board advised reviewing and modifying Unit IV to better align machine learning concepts with robotics-specific applications:	Mr. J.Mithun Dass
8.	<b>RA20651 – Farm Automation</b>	The Board recommended revising the course title and contents to Agricultural Robotics for improved clarity and relevance.	Dr. T.C.Kanish Dr. V.Sathiesh Kumar (other members acknowledged the same)
<b>Open Elective Courses</b>			
1.	<b>RA23XXX – Applied Robotics (Open Elective – I)</b>	Experts recommended the inclusion of Drone Technologies and Automated Guided Vehicles (AGVs)	Dr.T.C.Kanish(other members acknowledged the same)



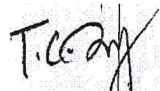

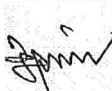



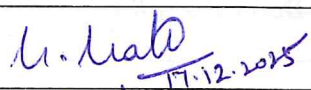
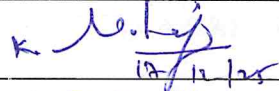

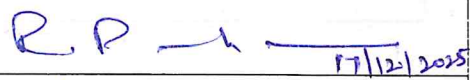
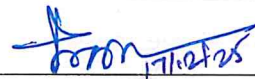
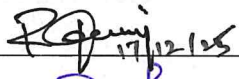


		with emphasis on industrial applications.	
2.	<b>RA23XXX – Foundation of Robotics (Open Elective – I)</b>	The Board recommended to restructure the Unit IV to focus on Artificial Intelligence for Robotics, rather than confining the unit solely to artificial intelligence concepts.	Dr. T.C.Kanish (other members acknowledged the same)
<b>RESOLVED AND APPROVED THE SAME.</b>			
<b>BoS / R&amp;A 6.10</b>	:	<b>Discussed and got approved about Assessment Weightage.</b>	
<b>BoS / R&amp;A 6.11</b>	:	<b>Discussed and got approved about flexibility to add or drop courses.</b>	
<b>BoS / R&amp;A 6.12</b>	:	<b>Discussed and got approved about fast track mode for eligible students.</b>	
<b>BoS / R&amp;A 6.13</b>	:	<b>Discussed and got approved for target level to CO-PO-PSO attainment.</b>	
<b>BoS / R&amp;A 6.14</b>	:	<b>Discussed and got approved about Examination patterns and additional credits earned.</b>	
<b>BoS / R&amp;A 6.15</b>	:	<b>Discussed and got approved about Exemptions for NPTEL courses to eligible students.</b>	

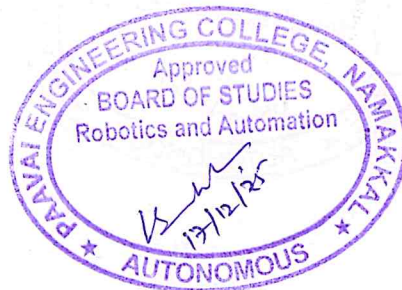
All the above course-wise suggestions were discussed in detail, resolved unanimously, and approved by the Board of Studies. The revised curriculum and syllabus shall be implemented as per the applicable academic regulations.



## BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr. V. Subburam, Prof & HoD/R&A	Dr. V. Sathiesh Kumar AP / Electronics Engineering	Dr. T. C. Kanish Professor / Design and Automation	Dr. S. Syath Abuthakeer ASP / Mechanical Engineering	Mr. L. Devarajan Associate General Manager - R&D, New Product Development	Mr. J. Mithun Dass Project Manager. Quarks Automation and Robotics, Chennai
Signature						

S.No	BoS Members	Designation	Signature
1.	Dr. M. Matheswaran	AP / R&A	 17.12.2025
2.	Mr. K. Mohanraj	AP / R&A	 17/12/25
3.	Mr. R. Bharath	AP / R&A	
4.	Dr. R. Rajeshkannan	AP / R&A	 17/12/2025
5.	Mr. M. K. Prabhu	AP / R&A	 17.12.25
6.	Mr. R. Premraj	AP / R&A	 17/12/25
7.	Mr. V. Kumarakrishnan	AP / R&A	 17/12/25
8.	Ms. P. Elakkiya	AP / R&A	



**PAAVAI ENGINEERING COLLEGE**  
(Autonomous)  
**DEPARTMENT OF AGRICULTURAL ENGINEERING**

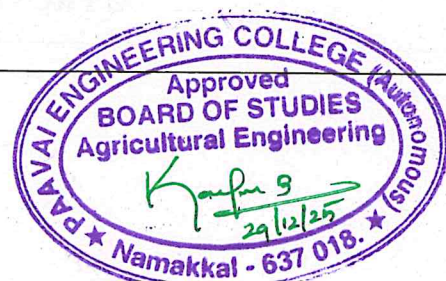
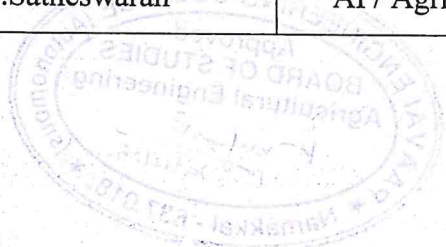
**Minutes of Thirteenth- Board of Studies Meeting**

**Venue: ONLINE MODE**

**Date and Time: 29.12.2025, 11.00 A.M.**

The 13<sup>th</sup> Board of studies meeting of the Department of Agricultural Engineering was held on 29.12.2025 (Monday), at 11.00 a.m. through online mode, Paavai Engineering College, Pachal. The following members were present in the meeting.

S. No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr. B.Kailashkumar	HOD/ Agri	Chairman	Paavai Engineering College, Namakkal.
2.	Dr. P.S. Sudhakar Gandhi	Assistant Professor	University Nominee	Department of Biotechnology UCE-BIT Campus, Tiruchirappalli
3.	Dr. C. Mayilswami	Professor	Academic Expert-1	Karunya Institute of Technology and Sciences, Coimbatore – 641 111
4.	Dr.R.Rajam	Associate Professor	Academic Expert-2	Department of Food Technology Kalasalingam Academy of Research and Education, Krishan kovil.
5.	Er.Prabhakar Kesavan	Senior Engineer	Industrial Expert	Prince Pipes and Fittings Limited Chennai-600095.
6.	Er.T. Karthikeyan	Regional Engineer, Customer Support	Alumni	M/S. Mobitech, Erode
7.	Dr.K.Selvi	Dean Academics	Special Invitee	Paavai Engineering College
8.	Dr.P.Tamilchelvan	Professor/ Agri	<p>Members Paavai Engineering College</p>	
9.	Dr.A.Vivekanandhini	ASP/Agri		
10.	Mrs.A.Subashini	AP/ Agri		
11.	Mrs.M.Bhuvaneshwari	AP/ Agri		
12.	Mr.D.Anandan	AP/ MCT		
13.	Mr.A.Meignanamoorthi	AP/ Agri		
14.	Mr.B.Mano	AP/ Agri		
15.	Mr.N.Satheswaran	AP/ Agri		



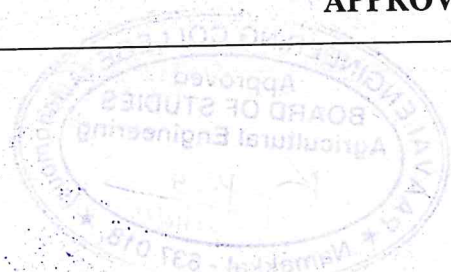
16.	Ms.K.S.Subha	AP/ Agri	
17	Mr.U.Karthikeya	AP/ Agri	

### Agenda

➤	<b>Welcome Address</b>
➤	<b>Vision and mission of Institution and Department.</b>
➤	<b>PEOs, POs and PSOs of UG and PG Programme.</b>
➤	<b>Confirmation of the minutes of the 12<sup>th</sup> Board of studies meeting held on 26.06.2025 and action taken report.</b>
➤	<b>To consider &amp; approve the Curriculum and Syllabus of VI semester courses of B.Tech Agricultural Engineering Programme under Regulations 2023.</b> <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure.</li> <li>• Syllabus.</li> <li>• VI semester B.Tech. Agricultural Engineering under Regulations 2023.</li> <li>• Open electives courses offered by B.Tech. Agricultural Engineering to other Programmes.</li> </ul>
➤	<b>To discuss and approve Assessment Weightage.</b>
➤	<b>To discuss and approve the value added courses (optional).</b>
➤	<b>To discuss and approve flexibility to add or drop courses.</b>
➤	<b>To discuss and approve re-admitted students for additional course.</b>
➤	<b>To discuss and approve fast track mode for eligible students.</b>
➤	<b>To discuss and approve target for the CO-PO-PSO attainment.</b>
➤	<b>Examination patterns and additional credits earned.</b>
➤	<b>Exemptions for NPTEL Courses if any.</b>
➤	<b>Any other items proposed as agenda, relevant to the board of studies.</b>

### Minutes of the BoS Meeting

<b>BoS / Agri 13.1</b>	:	The Board of studies Chairman welcomed the members.
<b>BoS / Agri 13.2</b>	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
<b>BoS / Agri 13.3</b>	:	PEOs, POs and PSOs of UG and PG Programme were described.
<b>APPROVED THE SAME.</b>		



<b>BoS / Agri 13.4</b>	:	The minutes of the 12 <sup>th</sup> Board of Studies meeting held on 26.06.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.
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**APPROVED THE SAME.**

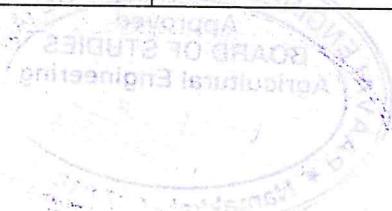
<b>BoS / Agri 13.5</b>	:	<b>To consider &amp; approve the Curriculum, Curriculum Structure, Syllabi &amp; Course Outcomes of VI semester for B.Tech Agricultural Engineering Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.</b>
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**Suggestions given by the members regarding UG syllabus:**

S.No	Course Name	Suggestions	Name of the Member
1.	<b>AI23601: Design of Farm Machinery and Equipment</b>	1.Members suggested to change the title as Design of Farm Machine Elements 2. Course outcomes 1 can be reformed and updated to applying level	<b>Dr.C.Mayilswami</b> (other members acknowledged the same)
2.	<b>AI23602: Irrigation and Drainage Engineering</b>	1. Unit III title can be changed to Reservoir and Control Structures	<b>Dr.C.Mayilswami</b> <b>Er.T.Karthikeyan</b>
3.	<b>AI23603: Artificial Intelligence and Robotics in Agriculture</b>	1.Introduction regarding IOT and Machine learning can be included	<b>Dr.C.Mayilswami</b> (other members acknowledged the same)
4.	<b>AI23604: Irrigation Field Laboratory</b>	1.Uniformity coefficient of sprinklers can be included in the syllabus	<b>Dr.P.S.Sudhagar Gandhi</b> <b>Er.Prabhakar Kesavan</b>
5.	<b>AI23605: Post-Harvest Technology Laboratory</b>	1.Testing and evaluation of Paddy thresher can be included 2.Study related topics can be avoided	<b>Dr. P.S.Sudhagar Gandhi</b> <b>Dr.R.Rajam</b>

**Open Elective Courses**



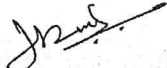



1.	<b>AI23901: Agricultural Waste Management</b>	1. Gasifiers can be introduced 2.Agricultural waste recycling methods can be introduced	<b>Dr.C.Mayilswami</b> <b>Dr.R.Rajam</b>
2.	<b>AI23902: Organic Farming for</b>	1.Cost benefit ratio can be included in the syllabus	<b>Dr.C.Mayilswami</b> (other members acknowledged the






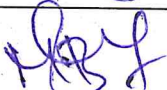
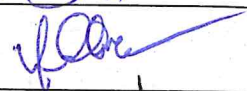

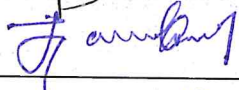
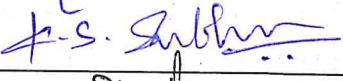

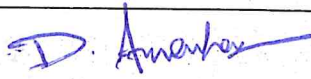
Sustainable Agriculture	2.Merits and Demerits of organic farming can be introduced	same)
<b>RESOLVED AND APPROVED THE SAME.</b>		
BoS / Agri 13.5	:	Discussed and got approved about Assessment Weightage.
BoS / Agri 13.6	:	Discussed and got approved about the value added courses (optional).
BoS / Agri 13.7	:	Discussed and got approved about flexibility to add or drop courses.
BoS / Agri 13.8	:	Discussed and got approved about re-admitted students for additional course. Student Name: Deepak.V, 622121102009, Semester/Year- VIII/ IV Regulation 2019 (student admitted in the year 2020-2021 onwards) (CBCS) Readmitted Academic year: 2025-2026
BoS / Agri 13.9	:	Discussed and got approved about fast track mode for eligible students.
BoS / Agri 13.10	:	Discussed and got approved for target level to CO-PO-PSO attainment.
BoS / Agri 13.11	:	Discussed and got approved about Examination patterns and additional credits earned.
BoS / Agri 13.12	:	Discussed and got approved about Exemptions for NPTEL courses to eligible students.

The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses offered by Agricultural Engineering for UG under Regulations 2023 for the students admitted from the year 2023-2024 onwards, value added courses, mandatory courses and panel of examiners.

### BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr. B.Kailashkumar HOD/Agri	Dr. P.S. Sudhakar Gandhi Assistant Professor	Dr. C. Mayilswami Professor	Dr.R.Rajam Associate Professor	Er.Prabhakar Kesavan Senior Engineer	Er.T. Karthikeyan Regional Engineer
Signature						



S.No	BoS Members	Designation	Signature
1.	Dr.P.Tamilchelvan	Professor	
2.	Dr.A.Vivekanandhini	ASP/Agri	
3.	Mrs.A.Subashini	AP/ Agri	
4.	Mrs.M.Bhuvaneswari	AP/ Agri	
5.	Mr.A.Meignanamoorthi	AP/ Agri	
6.	Mr.B.Mano	AP/ Agri	
7.	Mr.N.Satheswaran	AP/ Agri	
8.	Ms.K.S.Subha	AP/ Agri	
9.	Mr.U.Karthikeya	AP/ Agri	
10.	Mr.D.Anandan	AP/ MCT	



**PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE**

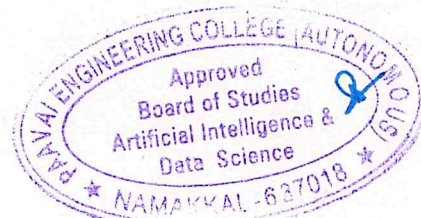
**Minutes of 4<sup>th</sup> Board of Studies Meeting**

**Venue: Online Mode**

**Date and Time: 15.12.2025, 03.00 PM**

The 4<sup>th</sup> Board of Studies meeting of the Department of Artificial Intelligence and Data Science was held on 15.12.2025 (Monday), at 03.00 pm through Online Mode, at Paavai Engineering College. The following members were present for the meeting.

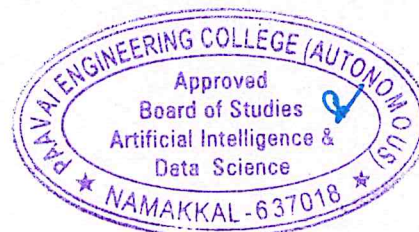
S.NO	NAME & DESIGNATION	POSITION IN COMMITTEE	COLLEGE/UNIVERSITY /INDUSTRY
1	Dr.A.Manikandan Professor & Head, AI&DS	Chairman	Paavai Engineering College
2	Dr.K.Sathiya priya, Associate Professor / CSE	University Nominee	PSG College of Technology, Coimbatore.
3	Dr.P.Karthikeyan Associate Professor / CSE	Academic Expert	RV University, Bangalore
4	Dr.S.SriVidhya, Professor& Head / ISE	Academic Expert	BNM Institute of Technology, Bangalore.
5	Mr.D.Saravanan Software Engineer III	Industry Expert	Walmart Global tech, Bangalore.
6	Mr. G.Arul Selvam Software Developer	Alumni	Vikilead IT Solution, Chennai.
7	Dr.K.Selvi Dean Academics/ Professor / IT	Member	Paavai Engineering College
8	Dr.S.Saravana kumar Associate Professor / IT	Member	Paavai Engineering College
9	Mrs.M.Pushpalatha Associate Professor /IT	Member	Paavai Engineering College
10	Mr.V.Saravanabhavan Associate Professor /IT	Member	Paavai Engineering College



11	Mr.S.Rajesh Associate Professor / IT	Member	Paavai Engineering College
12	Mr.M.Sathya Sundaram Associate Professor / AI&DS	Member	Paavai Engineering College
13	Mrs.B.Niranjana devi Assistant Professor / AI&DS	Member	Paavai Engineering College
14	Dr..C.Gayathri Assistant Professor/ AI&DS	Member	Paavai Engineering College
15	Mrs.S.Saranya devi Assistant Professor/ AI&DS	Member	Paavai Engineering College

### Agenda

➤	<b>Welcome Address</b>
➤	<b>Vision and mission of Institution and Department.</b>
➤	<b>PEOs, POs and PSOs of the Programme.</b>
➤	<b>Confirmation of the minutes of the 3<sup>rd</sup> Board of studies meeting held on 05.07.2025 and action taken report.</b>
➤	<b>To consider &amp; approve the Curriculum and Syllabus of 6<sup>th</sup> semester, Vertical V, Vertical VI and Open Elective-I of B.Tech. Artificial Intelligence and Data Science Programme under Regulations 2023.</b> <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure</li> <li>• 6<sup>th</sup> Semester Syllabus</li> <li>• Vertical V and Vertical VI syllabus</li> <li>• Open electives courses offered by B.TECH.AI&amp;DS to other Programmes.</li> </ul>
➤	<b>To discuss and approve Assessment Weightage.</b>
➤	<b>To discuss and approve the value added courses (optional).</b>
➤	<b>To discuss and approve flexibility to add or drop courses.</b>
➤	<b>To discuss and approve re-admitted students for additional course.</b>
➤	<b>To discuss and approve fast track mode for eligible students.</b>
➤	<b>To discuss and approve target for the CO-PO-PSO attainment.</b>
➤	<b>Examination patterns and additional credits earned.</b>



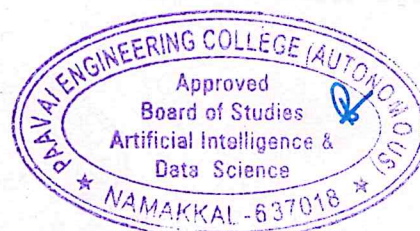
7.	<b>AD23607: Design Thinking</b>	Suggested to include Capstone Project by utilizing AI tools.	<b>Dr.K.Sathiya priya</b> (other members acknowledged the same)
8.	<b>AD23651: AI for Autonomous Systems</b>	No suggestions	-
9.	<b>Vertical V - Data Science</b>	No suggestions	-
10.	<b>Vertical VI - Emerging Technologies</b>	No suggestions	-

**Open Elective Courses**

1.	<b>AD23901: Introduction To Artificial Intelligence</b>	Recommended to provide basic fundamental algorithms in Unit V.	<b>Dr.P. Karthikeyan</b> (other members acknowledged the same)
2.	<b>AD23902: Data Science Fundamentals</b>	No suggestions	-
3.	<b>AD23903: Foundations Of Machine Learning</b>	No suggestions	-
4.	<b>AD23904: Introduction To IoT</b>	No suggestions	-

**RESOLVED AND APPROVED THE SAME.**

BoS / AI&DS 4.6	:	Discussed and got approved about Assessment Weightage.
BoS / AI&DS 4.7	:	Discussed and got approved about the value added courses (optional).
BoS / AI&DS 4.8	:	Discussed and got approved about flexibility to add or drop courses.
BoS / AI&DS 4.9	:	Discussed and got approved about re-admitted students for additional course.
BoS / AI&DS 4.10	:	Discussed and got approved about fast track mode for eligible students.
BoS / AI&DS 4.11	:	Discussed and got approved for target level to CO-PO-PSO attainment.
BoS / AI&DS 4.12	:	Discussed and got approved about Examination patterns and additional credits earned.
BoS / AI&DS 4.13	:	Discussed and got approved about Exemptions for NPTEL courses to eligible students.



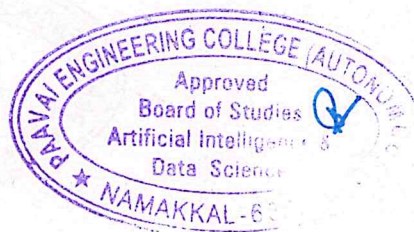
➤	Exemptions for NPTEL Courses if any.
➤	Any other items proposed as agenda, relevant to the board of studies.

### Minutes of the BoS Meeting

BoS / AI&DS 4.1	:	The Board of studies Chairman welcomed the members.
BoS / AI&DS 4.2	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / AI&DS 4.3	:	PEOs, POs and PSOs of UG and PG Programme were described.
<b>APPROVED THE SAME.</b>		
BoS / AI&DS 4.4	:	The minutes of the 3 <sup>rd</sup> Board of Studies meeting held on 05.07.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.
<b>APPROVED THE SAME.</b>		
BoS / AI&DS 4.5	:	To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of 6 <sup>th</sup> semester, Vertical V, Vertical VI and Open Elective-I for B.Tech. Artificial Intelligence and Data Science Programme (CBCS) to be offered under Regulations 2023 with effect from the Academic Year 2025-2026 onwards.

### Suggestions given by the members regarding UG syllabus:


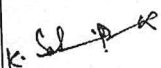

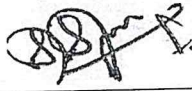
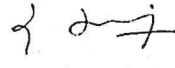
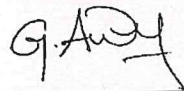
S.No	Course Name	Suggestions	Name of the Member
1.	AD23601: Cloud Computing	No suggestions	-
2.	AD23602 : Machine Learning	No suggestions	-
3.	AD23603: Big Data Analytics	No suggestions	-
4.	AD23604: Data Visualization	Suggested to include MATLAB based topics in Unit V	Dr.P. Karthikeyan (other members acknowledged the same)
5.	AD23605: Machine Learning Laboratory	No suggestions	-
6.	AD23606: Data Visualization Laboratory	No suggestions	-



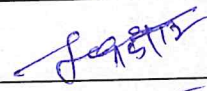
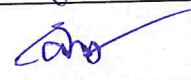

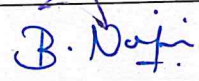
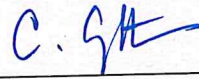
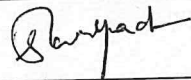


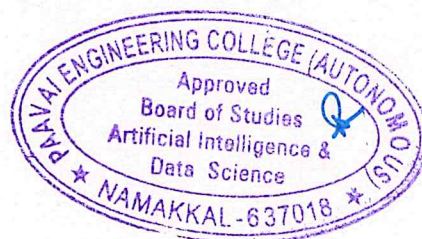
## RESOLVED AND APPROVED THE SAME.

The above suggestions were given by the members and approved the Curriculum under Regulations 2023 for 6<sup>th</sup> semester, Vertical V & Vertical VI syllabi for the students admitted in the year 2023-2024 under Regulations 2023, open electives, value added courses, mandatory courses and panel of examiners.

### BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Ignation	Dr.A.Manikandan Professor & Head, AI&DS	Dr.K.Sathya priya, Associate Professor / CSE, PSG College of Technology, Coimbatore.	Dr.P.Karthikeyan Associate Professor / CSE, RV University, Bangalore.	Dr.S.SriVidhya, Professor& Head / ISE , BNM Institute of Technology, Bangalore.	Mr.D.Saravanan Software Engineer III, Walmart Global tech, Bangalore.	Mr. G.Arul Selvam Software Developer, Vikilead IT Solution, Chennai.
Signature						

S.No	BoS Members	Designation	Signature
1.	Dr.K.Selvi	Dean Academics/ Professor / IT	
2.	Mr.V.Saravanabhavan	Associate Professor/IT	
3.	Mrs.M.Pushpalatha	Associate Professor /IT	
4.	Dr.S.Saravana kumar	Associate Professor / IT	
5.	Mr.S.Rajesh	Associate Professor / IT	
6.	Mr.M.Sathya Sundaram	Associate Professor / AI&DS	
7.	Mrs.B.Niranjana devi	Assistant Professor / AI&DS	
8.	Dr.C.Gayathri	Assistant Professor/ AI&DS	
9.	Mrs.S.Saranya devi	Assistant Professor/ AI&DS	





# PAAVAI ENGINEERING COLLEGE

(Autonomous Institution)

(Approved by AICTE and Affiliated to Anna University)

(Accredited by National Board of Accreditation, New Delhi & NAAC (UGC) with 'A' Grade)

Paavai Nagar, NH - 7, PACHAL, NAMAkkAL - 637 018. Tamil Nadu

04286-243038, 58,88 & 98 Fax: 04286-243068 Email: pecprincipal@paavai.edu.in website: http://pec.paavai.edu.in

## DEPARTMENT OF BIOTECHNOLOGY

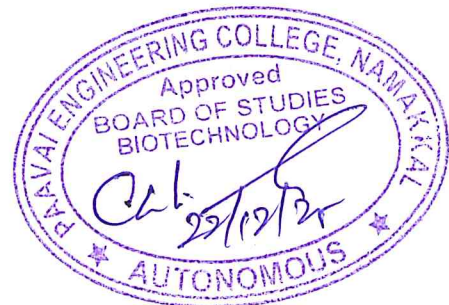
### Minutes of 6<sup>th</sup> Board of Studies Meeting

Venue: Online

Date and Time: 22-12-2025 & 02.30 P.M.

#### Members Present

S.No	Name	Designation	Position in the Committee	College / University / Industry	Signature
1.	Dr.C.Nirmala	Professor & Head	Chairman	Paavai Engineering College	
2.	Dr. S. Geetha	Assistant Professor	University Nominee	BIT Campus, Anna University, Tiruchirappalli	
3.	Dr. C.Rajasekaran	Professor	Academic Expert	VIT University, Vellore	
4.	Dr. M. Lakshmi Prabha	Assistant Professor (SG)	Academic Expert	Karunya Institute of Technology and Sciences, Coimbatore	
5.	Mr.S.Karthi	Manager-Quality Control	Industry Expert	S.V.Chem Intermediate Private Limited, Alathur, Thiruporur,	
6.	Dr.V.S.Ramakrishna Ganduri	Professor	BoS coordinator	Paavai Engineering College	
7.	Dr. P. Balaganesh	Associate Professor	Members		
8.	Ms. S. Ilakya	Assistant Professor			
9.	Ms.M.Muthumani	Assistant Professor			
10.	Mr.K.Vignesh	Assistant Professor			
11.	Mrs. T. Saranya	Assistant Professor			



**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
**DEPARTMENT OF BIOTECHNOLOGY**  
**Minutes of 6<sup>th</sup> Board of Studies Meeting**

Online Mode

Date and Time: 22.12.2025, 02.30 p.m.

The 6<sup>th</sup> Board of studies meeting of the Department of Biotechnology was held on 22.12.2025 (Monday), at 02.30 p.m. through online mode. The following members were present in the meeting.

S.No	Name	Designation	Position in the Committee	College/ University/ Industry
1.	Dr. C. Nirmala	Professor & Head / BT	Chairman	Paavai Engineering College, Namakkal
2.	Dr. S. Geetha	Assistant Professor	University Nominee	Biotechnology, Anna University, Trichy
3.	Dr. C. Rajasekaran	Professor	Academic Expert	Vellore Institute of Technology, Vellore
4.	Dr. M. Lakshmi Prabha	Assistant Professor (Senior Grade)	Academic Expert	Karunya Institute of Technology and Sciences, Coimbatore
5.	Mr. S. Karthi	Manager - Quality Control	Industry Expert	S. V. Chem Intermediate Private Limited, Chennai
6.	Dr. K. Selvi	Dean Academics	Special Invitee	Paavai Engineering College, Namakkal
7.	Dr.V.S.Ramakrishna Ganduri	Professor/ BT	BoS Coordinator	Paavai Engineering College, Namakkal
8.	Dr.P.Balaganesh	ASP/ BT	Members	Paavai Engineering College, Namakkal
9.	Ms.S.Ilakya	AP/ BT		
10.	Ms.M.Muthumani	AP/ BT		
11.	Mr.K.Vignesh	AP/ BT		
12.	Mrs.T.Saranya	AP/ BT		



## Agenda

➤	Welcome Address
➤	Vision and Mission of Institution and Department.
➤	PEOs, POs and PSOs of UG and PG Programme.
➤	Confirmation of the minutes of the 5 <sup>th</sup> Board of studies meeting held on 20.06.2025 and action taken report.
➤	To consider & approve the Curriculum and Syllabus of VI semester courses of B.Tech Biotechnology Programme under Regulations 2023. <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure.</li> <li>• Syllabus.</li> <li>• VI semester Courses under Regulations 2023.</li> <li>• Open elective courses offered by B. Tech, Biotechnology to other Programmes.</li> </ul>
➤	To discuss and approve Assessment Weightage.
➤	To discuss and approve the value added courses (optional).
➤	To discuss and approve flexibility to add or drop courses.
➤	To discuss and approve re-admitted students for additional course.
➤	To discuss and approve fast track mode for eligible students.
➤	To discuss and approve target for the CO-PO-PSO attainment.
➤	Examination patterns and additional credits earned.
➤	Exemptions for NPTEL Courses if any.
➤	Any other items proposed as agenda, relevant to the board of studies.

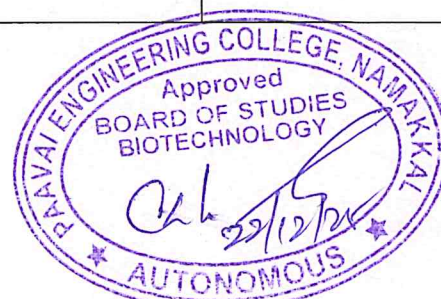
### Minutes of the BoS Meeting

BoS / BT 6.1	:	The Board of studies Chairman welcomed the members.
BoS / BT 6.2	:	Vision and Mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / BT 6.3	:	PEOs, POs and PSOs of UG and PG Programme were described.
<b>APPROVED THE SAME.</b>		
BoS / BT 6.4	:	The minutes of the 5 <sup>th</sup> Board of Studies meeting held on 20.06.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.



**APPROVED THE SAME.**

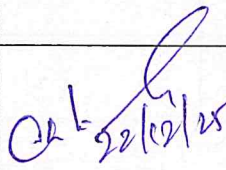
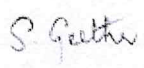
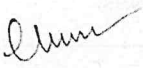

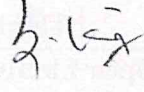
<b>BoS / BT 6.5</b>	:	<b>To consider &amp; approve the Curriculum, Curriculum Structure, Syllabi &amp; Course Outcomes of VI semester for B.Tech Biotechnology Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.</b>	
<b>Suggestions given by the members regarding UG syllabus:</b>			
<b>S.No</b>	<b>Course Name</b>	<b>Suggestions</b>	<b>Name of the Member</b>
1.	<b>BT23601 – Plant and Animal Biotechnology</b>	No suggestions	-
2.	<b>BT23602 - Enzyme and Protein Engineering</b>	1. Recommended to add the topic “Industrial enzyme production workflows” in Unit II. 2. Recommended to add the topic “Kinetics of enzymes in industrial reactors” in Unit III.	<b>Mr. S. Karthi &amp; Dr. C. Rajasekaran</b> (other members acknowledged the same)
3.	<b>BT23603 – Bioprocess Engineering</b>	1. Recommended to add the topic “Single-use bioreactors and disposable technologies” in Unit I. 2. Recommended to add the topic “Industrial scale-up case studies (enzymes, vaccines, biologics) in Unit II.	<b>Dr. S. Geetha</b> (other members acknowledged the same)
4.	<b>BT23604 - Bioinformatics</b>	No suggestions	-
5.	<b>BT23605 – Bioprocess Engineering Laboratory</b>	1. Recommended to replace the “Enzymatic conversion in Packed bed Columns” with “Batch Fermentation of Ethanol production using <i>Saccharomyces cerevisiae</i> ”. 2. Recommended to replace the “Estimation of KLa - Dynamic by different methods” with “Estimation of Volumetric mass transfer coefficient by Sulphite oxidation method”.	<b>Dr. M. Lakshmi Prabha &amp; Mr. S. Karthi</b> (other members acknowledged the same)
6.	<b>BT23606 – Bioinformatics Laboratory</b>	No suggestions	-
7.	<b>BT23607 – Design Thinking</b>	No suggestions	-
<b>Open Elective Courses</b>			
1.	<b>BT23901 – Bioenergy and Biofuels</b>	No suggestions	-

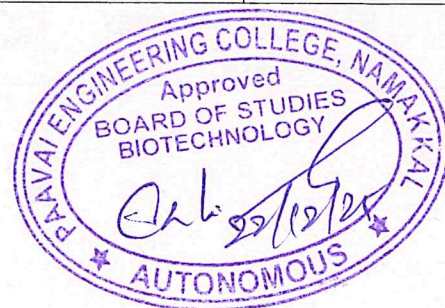


2.	BT23902 – Fundamentals of Nanoscience	No suggestions	-
3.	BT23903 – Lifestyle Diseases	No suggestions	-
4.	BT23904 – Food Biotechnology	No suggestions	-
<b>RESOLVED AND APPROVED THE SAME.</b>			
BoS / BT 6.5	:	Discussed and got approved about Assessment Weightage.	
BoS / BT 6.6	:	Discussed and got approved about the value added courses (optional).	
BoS / BT 6.7	:	Discussed and got approved about flexibility to add or drop courses.	
BoS / BT 6.8	:	Discussed and got approved about re-admitted students for additional course.	
BoS / BT 6.9	:	Discussed and got approved about fast track mode for eligible students.	
BoS / BT 6.10	:	Discussed and got approved for target level to CO-PO-PSO attainment.	
BoS / BT 6.11	:	Discussed and got approved about Examination patterns and additional credits earned.	
BoS / BT 6.12	:	Discussed and got approved about Exemptions for NPTEL courses to eligible students.	

The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses, value added courses, mandatory courses and panel of examiners offered by Department of Biotechnology for UG under Regulations 2023 for the students admitted from the Academic year 2023-2024 onwards.

#### BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert
Name & Designation	Dr.C. Nirmala, Professor & Head / BT, Paavai Engineering College, Namakkal	Dr. S. Geetha, Assistant Professor, Anna University, Trichy	Dr. C. Rajasekaran, Professor, Vellore Institute of Technology, Vellore	Dr. M. Lakshmi Prabha, Assistant Professor, Karunya Institute of Technology and Sciences, Coimbatore	Mr. S. Karthi, Manager - Quality Control, S. V. Chem Intermediate Private Limited, Chennai
Signature					



# PAAVAI ENGINEERING COLLEGE

(Autonomous Institution)

(Approved by AICTE and Affiliated to Anna University)

(Accredited by National Board of Accreditation, New Delhi & NAAC (UGC) with 'A' Grade)

Paavai Nagar, NH - 7, PACHAL, NAMAKKAL - 637 018. Tamil Nadu

04286-243038, 58,88 & 98 Fax: 04286-243068 Email: pecprincipal@paavai.edu.in website: http://pec.paavai.edu.in



Date: 19.12.2025

## Minutes of the 13<sup>th</sup> Board of Studies Meeting

Department of Chemical Engineering

Venue: CUTE Hall

Date and Time: 19.12.2025, 12.30 PM

Members Present

S.No	Name	Designation	Position in the Committee	College / University / Industry	Signature
1.	Dr.P. Jayakaran	ASP & Head Chemical	Chairman	Paavai Engineering College	
2.	Dr.M. Helen Kalavathy	ASP, Chemical	University Nominee	Anna University, Chennai	M. Helen Kalavathy 19/12/2025
3.	Dr. M. Arivazhagan	Prof. & Head Chemical	Academic Expert 1	National Institute of Technology, Trichy	M. Arivazhagan 19/12/2025
4.	Dr. I. Ganeshmoorthy	ASP (Sr), Chemical	Academic Expert 2	VIT - Vellore	I. Ganeshmoorthy 19/12/2025
5.	Mr.D.S.Senthilkumar	Deputy General Manager	Industry Expert	Manali Petrochemicals Ltd., Chennai	online
6.	Mr.V.Purushothaman	Production Executive	Alumni	Manali Petrochemicals Ltd., Chennai	online
7.	Dr.S. Pandiarajan	ASP / Chemical	Members	Paavai Engineering College	S.P. Pandiarajan 19/12/2025
8.	Dr.G. Ellamparathy	ASP / Chemical			G. Ellamparathy
9.	Mr.P.Saileswaran	AP / Chemical			P. Saileswaran
10.	Mr.A.Muthu Selvam	AP / Chemical			A. Muthu Selvam
11.	Ms.P. Indhumathi	AP / Chemical			P. Indhumathi
12.	Mrs.G. Swathi	AP / Chemical			G. Swathi
13.	Mrs.M. Preetha	AP / Chemical			M. Preetha

**PAAVAI ENGINEERING COLLEGE  
(AUTONOMOUS)  
DEPARTMENT OF CHEMICAL ENGINEERING**

**Minutes of 13<sup>th</sup> Board of Studies Meeting**

**Venue: CUTE Hall**

**Date and Time: 19.12.2025, 12.30 p.m.**

The 13<sup>th</sup> Board of studies meeting of the Department of Chemical Engineering was held on 19.12.2024 (Friday), at 12.30 p.m. in CUTE Hall, Paavai Engineering College, Pachal, Namakkal.

**Agenda**

➤	Welcome Address
➤	Vision and mission of Institution and Department.
➤	PEOs, POs and PSOs of B.Tech. Chemical Engineering Programme.
➤	Confirmation of the minutes of the 12 <sup>th</sup> Board of studies meeting held on 24.06.2025 and action taken report.
➤	To consider & approve the Curriculum and Syllabus of VI semester B.Tech. Chemical Engineering Programme under Regulations 2023. <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure</li> <li>• Syllabus of sixth semester theory and practical courses</li> <li>• Syllabus of sixth semester open elective courses</li> </ul>
➤	To discuss and approve Assessment Weightage.
➤	To discuss and approve Transfer of Credits.
➤	To discuss and approve target for the CO-PO-PSO attainment.
➤	Exemptions for NPTEL Courses if any.
➤	Any other items proposed as agenda, relevant to the board of studies.

**Minutes of the BoS Meeting**

<b>BoS / Chemical 13.1</b>	:	The Board of studies Chairman welcomed the members.
<b>BoS / Chemical 13.2</b>	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
<b>BoS / Chemical 13.3</b>	:	PEOs, POs and PSOs of the Programme were described.
<b>APPROVED THE SAME.</b>		



BoS / Chemical 13.4	:	The minutes and amendments of the 12 <sup>th</sup> Board of Studies meeting held on 24.06.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the committee members.
<b>APPROVED THE SAME.</b>		
BoS / Chemical 13.5	:	To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of Semester VI offered by B.Tech., Chemical Engineering Programme under Regulations 2023 with effect from the Academic Year 2023-2024 onwards.
<b><u>Suggestions given by the members regarding R2023, sixth semester syllabus:</u></b>		
1.	<b>CM23601: MODERN SEPARATION PROCESSES</b>	
<ul style="list-style-type: none"> <li>• <b>Ion Exchange Chromatography</b> topic is shifted from <b>Unit 4 to Unit 3</b>, as suggested by Dr.I. Ganeshmoorthy.</li> <li>• <b>Unit V</b> topic “<b>Oil Spill Clean-up by Adsorbents</b>” changed to “<b>Oil Spill Management</b>”, to broaden the scope as suggested by Dr. M. Helen Kalavathy.</li> </ul>		
2.	<b>CM23602 : CHEMICAL PROCESS PLANT SAFETY</b>	
<ul style="list-style-type: none"> <li>• <b>Unit 5</b> updated with <b>well-known industrial accident investigations</b>, and the <b>Unit V</b> name to be revised accordingly, as suggested by <b>Dr.M. Arivazhagan</b>.</li> <li>• <b>All abbreviations</b> in the syllabus to be mentioned as a <b>expanded form</b> throughout the syllabus for clarity as suggested by Dr.I. Ganeshmurthy.</li> <li>• <b>Under explosion along with dust explosion topic include all type of explosions such as gas, vapor, and hybrid explosion</b> as suggested by <b>Dr.M. Arivazhagan</b>.</li> </ul>		
3.	<b>CM23603: MASS TRANSFER II</b>	
<ul style="list-style-type: none"> <li>• <b>Standard reference book</b>, “Coulson and J F Richardson” added for advanced understanding and wider coverage of the subject suggested by <b>Dr.M. Arivazhagan</b>.</li> </ul>		
4.	<b>CM23604: CHEMICAL REACTION ENGINEERING II</b>	
<ul style="list-style-type: none"> <li>• <b>Slurry reactor design and Thiele Modulus</b> to be added in the relevant unit to strengthen the treatment of reaction–diffusion effects in porous catalysts as suggested by Dr.I. Ganeshmurthy.</li> </ul>		
<b>GENERAL COMMENTS</b>		



- Avoid higher order thinking verbs “evaluate” and “analyze”, and use appropriate lower- and mid-level cognitive verbs in course objective and outcome.
- Internships may be carried out in two phases, with end semester evaluation at end of the 7th semester.

### Laboratory Courses

#### 1. CM23605: MASS TRANSFER LABORATORY

- No suggestions

#### 2. CM23606 : CHEMICAL REACTION ENGINEERING LABORATORY

- No suggestions

#### 3. CM23606 : DESIGN THINKING

Recommended to use process simulation and design tools such as MATLAB, ASPEN from swayam for problem identification, solution development, and validation as suggested by Dr. M. Helen Kalavathy.

### Open Elective Courses

#### 1 CM23901 : CHEMICAL FERTILIZERS AND THEIR IMPACTS

- Course title changed to “Fertilizer Technology” as suggested by Dr. M. Arivazhagan

#### 2 CM23902 : RECYCLING AND REUSE OF WASTE MATERIALS

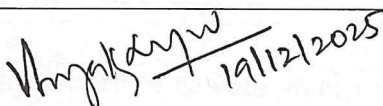
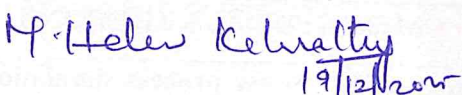
- Unit V title changed from “Waste Disposal” to “Waste Management” as suggested by Dr. M. Helen Kalavathy.
- Unit V to be strengthened by adding more industrial and real-time case studies relevant to Chemical Engineering practice as suggested by Dr. M. Helen Kalavathy.



**RESOLVED AND APPROVED THE SAME**


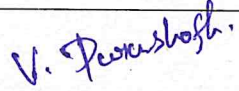
BoS / Chemical 13.6	:	Discussed and got approved about Transfer of Credits for NPTEL Courses.
BoS / Chemical 13.7	:	Discussed and got approved about Assessment Weightage.
BoS / Chemical 13.8	:	Discussed and got approved for target level to CO-PO-PSO attainment.



The above suggestions were given by the members and approved the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of regular and open elective courses for VI Semester B.Tech. Chemical Engineering under R2023 for the students admitted in the year 2023-2024.

Position in the committee	Chairman	University Nominee
Name & Designation	Dr.P. Jayakaran Associate Professor & Head, Department of Chemical Engineering, Paavai Engineering College, Namakkal.	Dr. Helen Kalavathy M. Associate Professor, Department of Chemical Engineering, AC College of Technology, Anna University, Chennai.
Signature	 19/12/2025	 19/12/2025

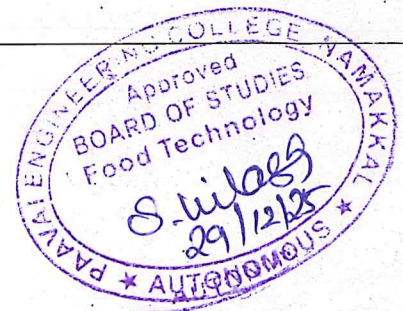
Position in the committee	Academic Expert	Academic Expert
Name & Designation	Dr. M. Arivazhagan Professor & Head, Department of Chemical Engineering National Institute of Technology, Tiruchirappalli.	Dr. I. Ganeshmoorthy Associate Professor (SG), Department of Chemical Engineering, School of Chemical Engineering, Vellore.
Signature	 19/12/25	 19/12/2025

Position in the committee	Industry Expert	Alumni
Name & Designation	Mr.D. Senthilkumar, Deputy General Manager, Manali Petrochemicals Ltd., Chennai	Mr.V. Purusothaman, Production Executive, Manali Petrochemicals Ltd., Chennai
Signature		

**PAAVAI ENGINEERING COLLEGE**  
(Autonomous)  
**DEPARTMENT OF FOOD TECHNOLOGY**  
**Minutes of Tenth- Board of Studies Meeting**  
**Venue: ONLINE MODE**  
**Date and Time: 29.12.2025, 11.00 A.m.**

The 10<sup>th</sup> Board of studies meeting of the Department of Food Technology was held on 29.12.2025 (Monday), at 11.00 a.m. through online mode, Paavai Engineering College, Pachal. The following members were present in the meeting.

S. No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr. S.Kailash	HOD / Food Tech	Chairman	Paavai Engineering College, Namakkal.
2.	Dr. R. Brindha	Assistant Professor	University Nominee	Department of Biotechnology, UCE-Bharathidasan Institute of Technology, Anna University, Trichy.
3.	Dr. Reya Issac	Associate Professor,	Academic Expert-1	Department of Biotechnology, Karunya Institute of Technology and Sciences, Coimbatore
4.	Dr. R. Parimalayalli	Associate Professor	Academic Expert-2	Department of Food and Nutrition, Periyar University, Salem
5.	Mr. M. Tamilselvan	Sr. Executive-HR,	Industrial Expert	Hindustan Food Pvt. Ltd, Coimbatore.
6.	Ms. A. Nandhini	Vendor Quality Assurance Trainee	Alumni	Jubilant Food Works Pvt.Ltd, Bengaluru.
7.	Dr.K.Selvi	Dean Academics	Special Invitee	Paavai Engineering College
8.	Mr.S.Gowtham Kumar	Professor/ Agri	Paavai Engineering College	
9.	Mr.K.Naveenkanth	AP/FT		
10.	Ms.S.Mathumitha	AP/FT		
11.	Dr.S.Malarvizhi	AP/FT		
12.	Mr.P.Elanchezian	AP/FT		



## Agenda

➤	Welcome Address
➤	Vision and mission of Institution and Department.
➤	PEOs, POs and PSOs of UG and PG Programme.
➤	Confirmation of the minutes of the 9 <sup>th</sup> Board of studies meeting held on 20.06.2025 and action taken report.
➤	To consider & approve the Curriculum and Syllabus of VI semester courses of B.Tech Food Technology Programme under Regulations 2023. <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure.</li> <li>• Syllabus.</li> <li>• VI semester B.Tech. Food Technology under Regulations 2023.</li> <li>• Open electives courses offered by B.Tech.-Food Technology. to other Programmes.</li> </ul>
➤	To discuss and approve Assessment Weightage.
➤	To discuss and approve the value added courses (optional).
➤	To discuss and approve flexibility to add or drop courses.
➤	To discuss and approve re-admitted students for additional course.
➤	To discuss and approve fast track mode for eligible students.
➤	To discuss and approve target for the CO-PO-PSO attainment.
➤	Examination patterns and additional credits earned.
➤	Exemptions for NPTEL Courses if any.
➤	Any other items proposed as agenda, relevant to the board of studies.

### Minutes of the BoS Meeting

BoS / FT 10.1	:	The Board of studies Chairman welcomed the members.
BoS / FT 10.2	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / FT 10.3	:	PEOs, POs and PSOs of UG and PG Programme were described.
<b>APPROVED THE SAME.</b>		



<b>BoS / FT 10.4</b>	:	The minutes of the 9 <sup>th</sup> Board of Studies meeting held on 20.06.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.
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**APPROVED THE SAME.**

<b>BoS / FT 10.5</b>	:	To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of VI semester for B.Tech Food Technology Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.
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**Suggestions given by the members regarding UG syllabus:**

S.No	Course Name	Suggestions	Name of the Member
1.	<b>FT23601:</b> Fruits and Vegetables Processing Technology	<ol style="list-style-type: none"> <li>Incorporate deterioration kinetics about food product Spoilage in unit III</li> <li>Add process of Pasteurization in unit IV</li> </ol>	<b>1.Dr.R.Brindha</b> <b>2.Dr.R.Parimalavalli</b>
2.	<b>FT23602:</b> Baking and Confectionery Technology	<ol style="list-style-type: none"> <li>In unit-3 and 4, Along with AI add recent applications and advantages in baking process.</li> <li>Incorporate Types and Composition of flour in unit-1.</li> <li>In Unit-3 Add the effects of under and over Fermentation and Proofing topics.</li> </ol>	<b>1.Dr.R.Brindha</b> <b>2.Dr.R.Parimalavalli</b>
3.	<b>FT23603:</b> Packaging Technology	<ol style="list-style-type: none"> <li>In unit-1 Add topics based on equipments used in food packaging.</li> <li>In Unit-4 Add Life cycle assessment (LCA) and circular economic needs.</li> </ol>	<b>1.Dr.R.Brindha</b> <b>2.Dr.R.Parimalavalli</b>
4.	<b>FT23604:</b> Evaluation of Sensory Attributes in	Add Selection of sensory panel list.	<b>1. Dr.R.Parimalavalli</b>



	Food		
5.	<b>FT23605:</b> Fruits and Vegetables Processing and Packaging Laboratory	No suggestions	<b>FT23605: Fruits and vegetables processing and Packaging Laboratory</b>
6.	<b>FT23606:</b> Baking and Confectionery technology	No suggestions	-
7.	<b>FT23607:</b> Design Thinking I	No suggestions	-

### Open Elective Courses

1.	<b>FT23901:</b> Fundamentals of Food Science	Change the title as "Properties of food" in unit I and Remove the topics refers to nutrition.	<b>1. Dr.R.Parimalavalli</b>
2.	<b>FT23902:</b> Introduction to Food Preservation	No suggestions	-
3.	<b>FT23903:</b> Food as Medicine	Add Introduction about Nutraceutical and classification , application and advantages of various diseases.	<b>1. Dr.R.Parimalavalli</b>
4.	<b>FT23904:</b> Production of Food Products	In unit-IV Add topics about convenience foods.	<b>1. Dr.R.Parimalavalli</b>

### RESOLVED AND APPROVED THE SAME.


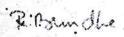


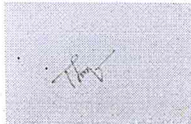
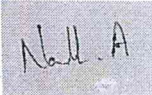
<b>BoS / FT 13.5</b>	:	<b>Discussed and got approved about Assessment Weightage.</b>
<b>BoS / FT 13.6</b>	:	<b>Discussed and got approved about the value added courses (optional).</b>
<b>BoS / FT 13.7</b>	:	<b>Discussed and got approved about flexibility to add or drop courses.</b>
<b>BoS / FT 13.8</b>	:	<b>Discussed and got approved about re-admitted students for additional course.</b>
<b>BoS / FT 13.9</b>	:	<b>Discussed and got approved about fast track mode for eligible students.</b>
<b>BoS / FT 13.10</b>	:	<b>Discussed and got approved for target level to CO-PO-PSO attainment.</b>


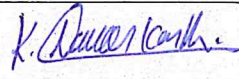

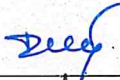
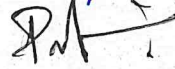


BoS / FT 13.11	:	Discussed and got approved about Examination patterns and additional credits earned.
BoS / FT 13.12	:	Discussed and got approved about Exemptions for NPTEL courses to eligible students.

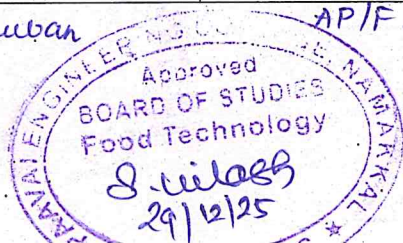
The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses offered by Food Technology for UG under Regulations 2023 for the students admitted from the year 2023-2024 onwards, value added courses, mandatory courses and panel of examiners

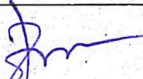
### BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr. S.Kailash	Dr. R. Brindha	Dr. Reya Issac	Dr.R.Parimalavalli	Mr. M.Tamilselvan	Ms. A. Nandhini
Signature						

S.No	BoS Members	Designation	Signature
1	Mr.S.Gowtham Kumar	AP/ FT	
2	Mr.K.Naveenkanth	AP/ FT	
3	Ms.S.Mathumitha	AP/ FT	
4	Dr.S.Malarvizhi	AP/ FT	
5	Mr.P.Elanchezhian	AP/FT	

6. M.D.S. Rajaruban





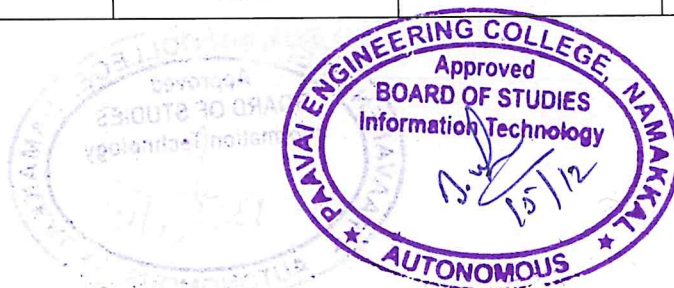
**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**Minutes of 13<sup>th</sup> Board of Studies Meeting**

Venue: Online Mode

Date and Time: 15.12.2025, 03.00 p.m.

The 13<sup>th</sup> Board of studies meeting of the Department of Information Technology was held on 15.12.2025 (Monday), at 03.00 p.m. through online mode, Paavai Engineering College, Pachal. The following members were present in the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.B.Venkatesan	HOD & Associate Professor / IT	Chairman	Paavai Engineering College
2.	Dr.K.Sathiya priya	Associate Professor / CSE	University Nominee	PSG College of Technology, Coimbatore.
3.	Dr.P.Karthikeyan	Associate Professor / CSE	Academic Expert 1	RV University, Bangalore
4.	Dr.S.SriVidhya	Professor & Head / ISE	Academic Expert 2	BNM Institute of Technology, Bangalore.
5.	Mr.D.Saravanan	Software Engineer III	Industry Expert	Walmart Global tech, Bangalore.
6.	Mr. G.Arul Selvam	Software Developer	Alumni	Vikilead IT Solution, Chennai.
7.	Dr.K.Selvi	Dean Academics/ Professor / IT	BoS Members	Paavai Engineering College
8.	Dr.S.Saravana kumar	ASP/IT		Paavai Engineering College
9.	Mrs.M.Pushpalatha	ASP/IT		Paavai Engineering College
10.	Mr.S.Rajesh	ASP/IT		Paavai Engineering College
11.	Mrs.M.Babylatha	AP/IT		Paavai Engineering College
12.	Mr.V.Saravana bhavan	AP/IT		Paavai Engineering College
13.	Mrs.M.Saranya	AP/IT		Paavai Engineering College



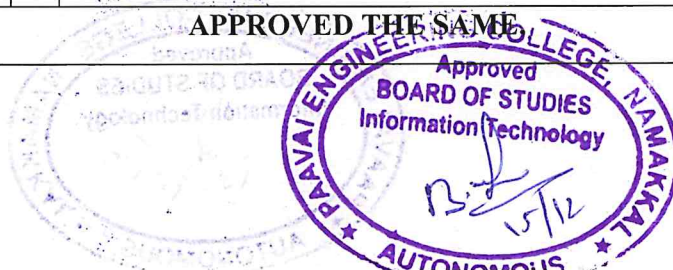
14.	Mrs.P.Anitha	AP/IT		Paavai Engineering College
15.	Mrs.B.Deepa	AP/IT		Paavai Engineering College
16.	Mr.K.Senthamilselvan	AP/IT		Paavai Engineering College
17.	Mrs.M.Janani	AP/IT		Paavai Engineering College

### Agenda

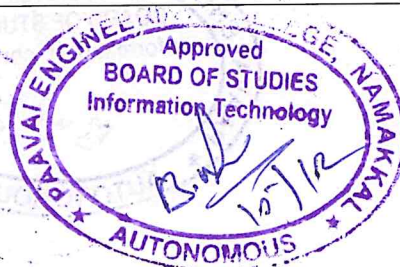
➤	<b>Welcome Address</b>
➤	<b>Vision and mission of Institution and Department.</b>
➤	<b>PEOs, POs and PSOs of the Programme.</b>
➤	<b>Confirmation of the minutes of the 12<sup>th</sup> Board of studies meeting held on 05.07.2025 and action taken report.</b>
➤	<b>To consider &amp; approve the Curriculum and Syllabus of VI semester courses of B.Tech. Information Technology Programme under Regulations 2023.</b> <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure.</li> <li>• Syllabus.</li> <li>• VI semester syllabus under Regulations 2023.</li> <li>• Open electives courses offered to other Programmes.</li> </ul>
➤	<b>To discuss and approve Assessment Weightage.</b>
➤	<b>To discuss and approve the value added courses (optional).</b>
➤	<b>To discuss and approve flexibility to add or drop courses.</b>
➤	<b>To discuss and approve re-admitted students for additional course.</b>
➤	<b>To discuss and approve fast track mode for eligible students.</b>
➤	<b>To discuss and approve target for the CO-PO-PSO attainment.</b>
➤	<b>Examination patterns and additional credits earned.</b>
➤	<b>Exemptions for NPTEL Courses if any.</b>
➤	<b>Any other items proposed as agenda, relevant to the board of studies.</b>

### Minutes of the BoS Meeting

<b>BoS / IT 13.1</b>	:	The Board of studies Chairman welcomed the members.
<b>BoS / IT 13.2</b>	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
<b>BoS / IT 13.3</b>	:	PEOs, POs and PSOs of UG and PG Programme were described.
<b>APPROVED THE SAME</b>		



<b>BoS / IT 13.4</b>	:	The minutes of the 12 <sup>th</sup> Board of Studies meeting held on 05.07.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.	
<b>APPROVED THE SAME.</b>			
<b>BoS / IT 13.5</b>	:	<b>To consider &amp; approve the Curriculum, Curriculum Structure, Syllabi &amp; Course Outcomes of VI semester for B.Tech. Information Technology Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.</b>	
<b>Suggestions given by the members regarding UG syllabus:</b>			
<b>S.No</b>	<b>Course Name</b>	<b>Suggestions</b>	<b>Name of the Member</b>
1.	<b>IT23601-Cryptography and Network Security</b>	Suggested to move the topic "key distribution" from unit-2 to unit 4	<b>Dr.K.Sathiya priya</b> (other members acknowledged the same)
2.	<b>IT23602-Internet of Things</b>	No suggestions	-
3.	<b>IT23603-Virtual Reality and Augmented Reality</b>	Suggested to include case study in unit 5	<b>Dr.K.Sathiya priya</b> (other members acknowledged the same)
		Suggested to include concepts related to software tools.	<b>Dr.S.SriVidhya</b> (other members acknowledged the same)
4.	<b>IT23604- Network Security Laboratory</b>	No suggestions	-
5.	<b>IT23605- Internet of Things Laboratory</b>	No suggestions	-
6.	<b>IT23606-Design Thinking</b>	No suggestions	-
<b>Open Elective Courses</b>			
1.	<b>IT23901-Object Oriented Programming</b>	No suggestions	-
2.	<b>IT23902-Green Computing</b>	No suggestions	-



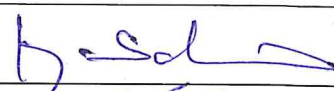
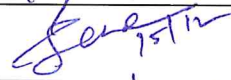
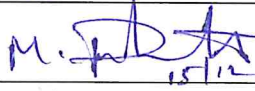



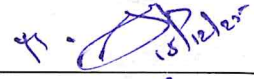
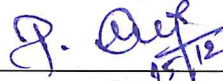



3.	IT23903- Introduction to Software Engineering	No suggestions	-
4.	IT23904- Introduction to Cloud Computing	No suggestions	-
<b>RESOLVED AND APPROVED THE SAME.</b>			
BoS / IT 13.5	:	Discussed and got approved about Assessment Weightage.	
BoS / IT 13.6	:	Discussed and got approved about the value added courses (optional).	
BoS / IT 13.7	:	Discussed and got approved about flexibility to add or drop courses.	
BoS / IT 13.8	:	Discussed and got approved about re-admitted students for additional course.	
BoS / IT 13.9	:	Discussed and got approved about fast track mode for eligible students.	
BoS / IT 13.10	:	Discussed and got approved for target level to CO-PO-PSO attainment.	
BoS / IT 13.11	:	Discussed and got approved about Examination patterns and additional credits earned.	
BoS / IT 13.12	:	Discussed and got approved about Exemptions for NPTEL courses to eligible students.	

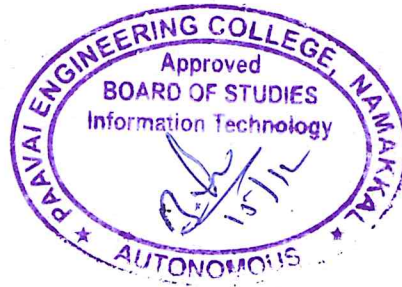
The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses offered by IT under Regulations 2023 for the students admitted from the year 2023-2024 onwards, value added courses, mandatory courses and panel of examiners.

#### BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr.B.Venkatesan HoD and Associate Professor/ IT	Dr.K.Sathya priya, Associate Professor / CSE, PSG College of Technology, Coimbatore.	Dr.P.Karthikeyan Associate Professor / CSE, RV University, Bangalore	Dr.S.SriVidhya, Professor& Head / ISE, BNM Institute of Technology, Bangalore.	Mr.D.Saravanan Software Engineer III, Walmart Global tech, Bangalore.	Mr. G.Arul Selvam Software Developer, Vikilead IT Solution, Chennai.
Signature						



S.No	BoS Members	Designation	Signature
1.	Dr.K.Selvi	Professor/IT	
2.	Dr.S.Saravana kumar	ASP/IT	
3.	Mrs.M.Pushpalatha	ASP/IT	
4.	Mr.S.Rajesh	ASP/IT	
5.	Mrs.M.Babylatha	AP/IT	
6.	Mr.V.Saravanabhavan	AP/IT	
7.	Mrs.M.Saranya	AP/IT	
8.	Mrs.P.Anitha	AP/IT	
9.	Mrs.B.Deepa	AP/IT	
10.	Mr.K.Senthamilselvan	AP/IT	
11.	Mrs.M.Janani	AP/IT	



**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY

**Minutes of 10<sup>th</sup> Board of Studies Meeting**

Venue: Online Mode

Date and Time: 24.12.2025, 11.00 a.m.

The 10<sup>th</sup> Board of studies meeting of the Department of Pharmaceutical Technology was held on 24.12.2025 (Wednesday), at 11.00 a.m. through online mode, Paavai Engineering College, Pachal. The following members were present in the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr. R. Praveen Cumar	HoD & Professor	Chairman	Paavai Engineering College
2.	Dr. S. Latha	ASP/PT	University Nominee	Anna University, Trichy.
3.	Dr. Krupakar Parthasarathy	ASP/CADD	Academic Expert 1	Sathyabama Institute of Science and Technology, Chennai.
4.	Dr. M. Swamivel Manickam	ASP/Pharmacy	Academic Expert 2	Annamalai University.
5.	Dr. G. Suresh	Research Head	Industry Expert	AVN Ayurveda Formulations Pvt Ltd, Madurai.
6.	Mr. J. Kishore	Clinical Data Coordinator II	Alumni	ICON Clinical Research India Pvt.Ltd, Chennai.
7.	Dr. M. Masilamani Selvam	Prof/PT	BoS Members	Paavai Engineering College
8.	Dr. S. Parthasarathi	ASP/PT		Paavai Engineering College
9.	Dr. H. Harikrishnan	ASP/PT		Paavai Engineering College
10.	Mr. M. G. Karthih	AP/PT		Paavai Engineering College
11.	Mr. G. Adaikala Selvan	AP/PT		Paavai Engineering College
12.	Mr. S. Kamesh	AP/PT		Paavai Engineering College
13.	Dr. K. Malarvizhi	AP/PT		Paavai Engineering College

## Agenda

➤	<b>Welcome Address</b>
➤	<b>Vision and mission of Institution and Department.</b>
➤	<b>PEOs, POs and PSOs of UG Programme.</b>
➤	<b>Confirmation of the minutes of the 9<sup>th</sup> Board of studies meeting held on 04.07.2025 and action taken report.</b>
➤	<b>To consider &amp; approve the Curriculum and Syllabus of VI semester courses of B.Tech Pharmaceutical Technology Programme under Regulations 2023.</b> <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure.</li> <li>• Syllabus.</li> <li>• VI semester B.Tech., Pharmaceutical Technology under Regulations 2023.</li> <li>• Open electives courses offered by B.Tech., Pharmaceutical Technology to other Programmes.</li> </ul>
➤	<b>To discuss and approve Assessment Weightage.</b>
➤	<b>To discuss and approve the value added courses (optional).</b>
➤	<b>To discuss and approve flexibility to add or drop courses.</b>
➤	<b>To discuss and approve Honours courses for eligible students.</b>
➤	<b>To discuss and approve fast track mode for eligible students.</b>
➤	<b>To discuss and approve target for the CO-PO-PSO attainment.</b>
➤	<b>Examination patterns and additional credits earned.</b>
➤	<b>Exemptions for NPTEL Courses if any.</b>
➤	<b>Any other items proposed as agenda, relevant to the board of studies.</b>

### Minutes of the BoS Meeting

<b>BoS / PT 10.1</b>	:	The Board of studies Chairman welcomed the members.
<b>BoS / PT 10.2</b>	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
<b>BoS / PT 10.3</b>	:	PEOs, POs and PSOs of UG and PG Programme were described.
<b>APPROVED THE SAME.</b>		
<b>BoS / PT 10.4</b>	:	The minutes of the 9 <sup>th</sup> Board of Studies meeting held on 04.07.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.
<b>APPROVED THE SAME.</b>		

BoS / PT 10.5

: To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of VI semester for B.Tech Pharmaceutical Technology Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.

To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of VII & VIII semester for B.Tech Pharmaceutical Technology Programme (CBCS) to be offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.

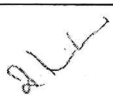





1. Balance of Theory and Practice (Semester VII) Semester VII is heavily theory-oriented, with limited laboratory exposure despite advanced, technology-intensive subjects. Introducing an additional/integrated laboratory component (e.g., Nanopharmaceuticals / Validation / PK simulation) would strengthen skill development and industry readiness.
2. Course Scope Clarification: The course titled Validation and Regulatory Requirements would benefit from clearer definition of scope, explicitly covering process, analytical, and cleaning validation along with global regulatory frameworks (ICH, CDSCO, USFDA, EMA).
3. Advanced Content Enrichment: Core subjects such as Biopharmaceutics and Pharmacokinetics may be enhanced by introducing contemporary concepts like IVIVC and PBPK modeling at a conceptual level.
4. Avoidance of Content Overlap: Certain nano-related topics appear across core and elective courses. Minor rationalization would help avoid redundancy and improve curricular depth.
5. Strengthening Semester VIII Academic Rigor: Semester VIII currently depends largely on electives and project work. Introducing a short mandatory course on Research Methodology, Scientific Writing, or IPR & Ethics would improve research preparedness and postgraduate readiness.


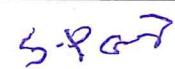
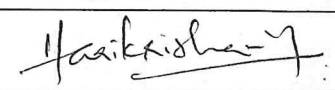
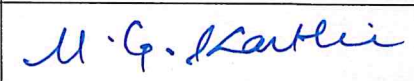
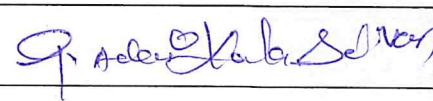
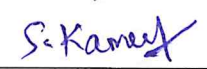

		6. Project Work Quality Enhancement: It is suggested that Project Work (Phase I & II) include structured evaluation criteria covering literature review quality, data analysis, plagiarism check, and regulatory or societal relevance.	
<b>Suggestions given by the members regarding UG syllabus:</b>			
<b>S.No</b>	<b>Course Name</b>	<b>Suggestions</b>	<b>Name of the Member</b>
1.	PT23601: Drug Discovery Process and Drug Design	Add simulation topic in the Unit III	Dr. G. Suresh (other members acknowledged the same)
2.	PT23602: Separation Techniques in Herbal Pharmaceutical Compounds	Add Validation types topic in the Unit V	Dr. M. Swamivel Manickam (other members acknowledged the same)
3.	PT23603: Reaction Engineering for Pharmaceutical Technologist	No suggestions	-
4.	PT23604: Chemotherapy and Clinical Pathology	Add Adjuvant therapy topic in the Unit I	Dr. G. Suresh (other members acknowledged the same)
5.	PT23605: Drug Discovery Process and Drug Design Laboratory	Suggested to give trial versions of software which are industry relevant with students as leading one with same login	Dr. G. Suresh (other members acknowledged the same)
6.	PT23606: Separation Techniques and Clinical Pathology Laboratory	Suggested for hospital/ laboratory visits for the understanding of Microtomy, Cryotomy techniques	Dr. G. Suresh (other members acknowledged the same)
7.	PT23607: Design Thinking	No suggestions	-
<b>Open Elective Courses</b>			
1.	PT23901: Foundations of Pharmaceutical Formulation and Technology	No suggestions	-

2.	PT23902: Fundamentals of Drug Discovery and Development	Add the topic clinical trial registry in the Unit IV	Dr. Krupakar Parthasarathy (other members acknowledged the same)
3.	PT23903: Nanotechnology in Healthcare and Biomedical Applications	No suggestions	-
4.	PT23904: Fundamentals of Pharmaceutical Biotechnology	Add Aptamer based therapy topic in the Unit II	Dr. Krupakar Parthasarathy (other members acknowledged the same)
<b>RESOLVED AND APPROVED THE SAME.</b>			
BoS / PT 10.5	:	Discussed and got approved about Assessment Weightage.	
BoS / PT 10.6	:	Discussed and got approved about the value added courses (optional).	
BoS / PT 10.7	:	Discussed and got approved about flexibility to add or drop courses.	
BoS / PT 10.8	:	Discussed and got approved about Honours courses for eligible students.	
BoS / PT 10.9	:	Discussed and got approved about fast track mode for eligible students.	
BoS / PT 10.10	:	Discussed and got approved for target level to CO-PO-PSO attainment.	
BoS / PT 10.11	:	Discussed and got approved about Examination patterns and additional credits earned.	
BoS / PT 10.12	:	Discussed and got approved about Exemptions for NPTEL courses to eligible students.	

The above suggestions were given by the members and approved the curriculum and syllabus for 6<sup>th</sup> semester, open elective courses offered by Pharmaceutical Technology for UG under Regulations 2023 for the students admitted from the year 2023-2024 onwards, value added courses, mandatory courses and panel of examiners.

## BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr.R.Praveen Cumar Professor & Head, PT	Dr.S.Latha, ASP/PT, Anna University, Trichy.	Dr. Krupakar Parthasarathy, ASP/CADD Sathyabama Institute of Science and Technology, Chennai.	Dr. M. Swamivel Manickam, ASP/Pharmacy Annamalai University	Dr. G. Suresh, Research Head, AVN Ayurveda Formulations Pvt Ltd, Madurai.	Mr. J. Kishore, Clinical Data Coordinator II, ICON Clinical Research India Pvt.Ltd, Chennai.
Signature						

S.No	BoS Members	Designation	Signature
1.	Dr. M. Masilamani Selvam	Prof/PT	
2.	Dr. S. Parthasarathi	ASP/PT	
3.	Dr. H. Harikrishnan	ASP/PT	
4.	Mr. M. G. Karthih	AP/PT	
5.	Mr. G. Adaikala Selvan	AP/PT	
6.	Mr. S. Kamesh	AP/PT	
7.	Dr. K. Malarvizhi	AP/PT	



**PAAVAI ENGINEERING COLLEGE  
(AUTONOMOUS)  
DEPARTMENT OF SCIENCE AND HUMANITIES**

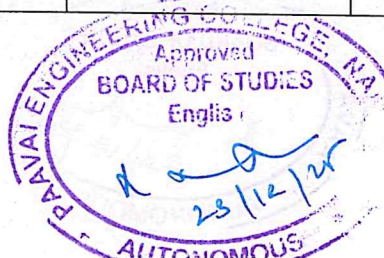
**Minutes of 13<sup>th</sup> Board of Studies Meeting**

**Venue: Online Mode**

**Date and Time: 23.12.2025, 11.00 a.m.**

The 13<sup>th</sup> Board of studies meeting of the Department of Science and Humanities was held on 23.12.2025 (Tuesday), at 11.00 a.m. through online mode, Paavai Engineering College, Pachal. The following members were present in the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.R. Shanthi	HoD & Professor	Chairman	Paavai Engineering College
2.	Dr. K.Sivakumaran	Professor - Physics	University Nominee	Department of Physics PSG College of Technology Coimbatore-641004
3.	Dr.G.Murugusundaramoorthy	Professor (HAG) - Mathematics	Academic Expert	School of Advanced Sciences Vellore Institute of Technology Vellore – 632014
4.	Dr.S.Sasikumar	Professor of Chemistry & Director - PG Admissions	Academic Expert	School of Advanced Sciences, Vellore Institute of Technology Vellore – 632014
5.	Dr. J. Michael Raj	Assistant Professor (SG) - English	Academic Expert	Department of English and Foreign Languages, SRM Institute of Science and Technology, Kattankulathur-603203
6.	Dr.K.Selvi	Dean Academics	Special Invitee	Paavai Engineering College
7.	Dr.K.Sundaramoorthy	HOD / IQAC	Special Invitee	Paavai Engineering College
8.	Dr.M.Sathish Kumar	HOD & Professor/Maths	Member	Paavai Engineering College
9.	Dr. S.R. Kannan	Professor / English	BoS Members	Paavai Engineering College
10.	Dr. V.Kumaran	ASP / English		Paavai Engineering College
11.	R.Saranya	ASP / English		Paavai Engineering College



12.	Dr.G.Raja	Professor & HOD / Chemistry		Paavai Engineering College
13.	Dr.T. Krishnakumar	Professor & HOD / Physics		Paavai Engineering College
14.	Mrs.S.Kavitha	ASP / Physics		Paavai Engineering College
15.	Mrs.R.Pradeepa	ASP/ Maths		Paavai Engineering College
16.	Dr.N.Geetha	ASP/ Chemistry		Paavai Engineering College

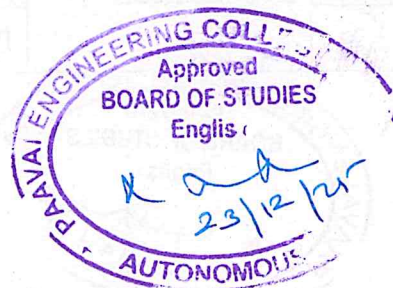
### Agenda

➤	Welcome Address
➤	Vision and Mission of the Institution and the Department
➤	To consider & approve the Syllabus for VI semester Open elective courses of B.E /B.TECH. under Regulations 2023.
➤	To discuss and approve Assessment Weightage.
➤	Examination patterns



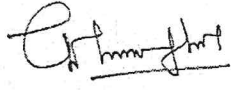
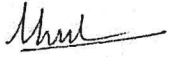
### Minutes of the BoS Meeting

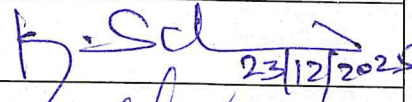
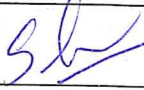
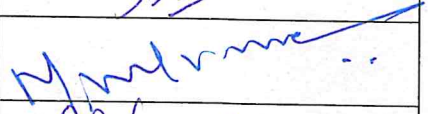
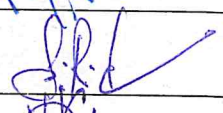
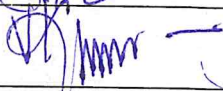
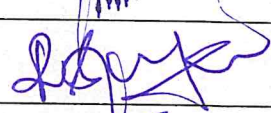
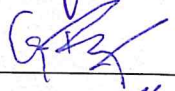
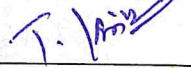
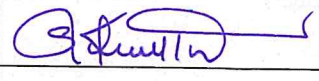

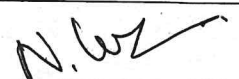
BoS / S&H 13.1	:	The Board of studies Chairman welcomed the members.	
BoS / S&H 13.2	:	Vision and mission of the Institution and the Department were described.	
BoS / S&H 13.3	:	To consider & approve the Syllabus & Course Outcomes of VI semester Open Elective offered under Regulations 2023 for the students admitted in the Academic Year 2023-2024 onwards.	
Suggestions given by the members regarding Open Elective Syllabus:			
S.No	Course Name	Suggestions	Name of the Member
BoS / S&H 13.4	EN23901 English Language Testing System	No suggestions	-
	EN23902 English for Competitive Examinations	No suggestions	-
Resolved and Approved the same.			
BoS / S&H 13.5	:	Discussed and got approved about Assessment Weightage.	
BoS / S&H 13.6	:	Discussed and got approved about Examination patterns.	

The above suggestions were given by the members and approved the syllabus for 6<sup>th</sup> semester, open elective courses offered by English for UG under Regulations 2023 for the students admitted from the year 2023-2024 onwards.



## BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Academic Expert 3
Name & Designation	Dr. R. Shanthi Prof./ English Paavai Engineering College	Dr. K.Sivakumaran, Professor, Department of Physics, PSG College of Technology, Coimbatore	Dr.G.Murugusundaram oorthy, Professor (HAG)/ Mathematics, School of Advanced Sciences, Vellore Institute of Technology, Vellore – 632014	Dr.S.Sasikumar, Professor of Chemistry & Director – PG Admissions, School of Advanced Sciences, Vellore Institute of Technology, Vellore – 632014.	Dr. J. Michael Raj, Assistant Professor (SG) Department of English and Foreign Languages, SRM Institute of Science and Technology, Kattankulathur-603203
Signature				S.S.L	

S.No	BoS Members	Designation	Signature
1.	Dr.K.Selvi	Dean Academics	
2.	Dr.K.Sundaramoorthy	HOD / IQAC	
3.	Dr.M.Sathish Kumar	HOD & Professor/Maths	
4.	Dr. S.R. Kannan	Professor / English	
5.	Dr. V.Kumaran	ASP / English	
6.	R.Saranya	ASP / English	
7.	Dr.G.Raja	Professor & HOD / Chemistry	
8.	Dr.T. Krishnakumar	Professor & HOD / Physics	
9.	Mrs.S.Kavitha	ASP / Physics	
10.	Mrs.R.Pradeepa	ASP/ Maths	
11.	Dr.N.Geetha	ASP/ Chemistry	



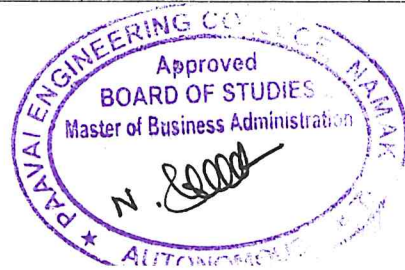
**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
**DEPARTMENT OF MANAGEMENT STUDIES**  
Minutes of 12<sup>th</sup> Board of Studies Meeting

Venue: Online Mode

Date and Time: 30.12.2025, 2.00 p.m.

The 12<sup>th</sup> Board of studies meeting of the Department of Management studies was held on 30.12.2025 (Tuesday), at 2.00 p.m. through online mode, Paavai Engineering College, Pachal. The following members were present in the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1.	Dr.N.Swarnalatha	Head-MBA	Chairman	Paavai Engineering College
2.	Dr. K. R.Mahalaxmi	Associate Professor/MBA	University Nominee	Anna University, Trichy
3.	Dr.J.Jeya Sunitha	Professor & HOD	Academic Expert 1	St.Joseph University, Thindivanam
4.	Dr. Premkumar B	Associate Professor, Department of MBA	Academic Expert 2	SRM University, Chennai.
5.	Dr.P.Masiyamoorthy	Managing Director	Industry Expert	GPM PAVERS & TILES Deevatipatti & Nallampalli, Salem
6.	Mr.Dhanush M V	Proprietor	Alumni	Red Chilli Family Restaurant, Thuraiyur.
7.	Dr.K.Selvi	Dean Academics	Special Invitee	Paavai Engineering College
8.	Ms.A.Sheela	AP/MBA	BoS Members	Paavai Engineering College
9.	Mrs.S.Megalatha	AP/MBA		Paavai Engineering College
10.	Mr.V.Jayaganash	AP/ MBA		Paavai Engineering College
11.	Dr.R.Senthilkumaran	AP/ MBA		Paavai Engineering College
12.	Mr.J.Leyon Livingston	AP/ MBA		Paavai Engineering College
13.	Mrs.V.Mohaneswari	AP/ MBA		Paavai Engineering College

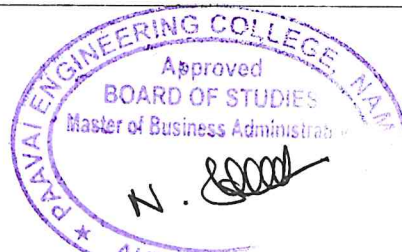


## Agenda

➤	Welcome Address
➤	Vision and mission of Institution and Department.
➤	PEOs, POs and PSOs of PG Programme.
➤	Confirmation of the minutes of the 12 <sup>th</sup> Board of studies meeting held on 30.12.2025 and action taken report.
➤	To consider & approve the Curriculum and Syllabus of II semester courses of Management Studies Programme under Regulations 2023. <ul style="list-style-type: none"><li>• Curriculum, Credits and its structure.</li><li>• Syllabus.</li><li>• II semester MBA under Regulations 2023.</li></ul>
➤	To discuss and approve Assessment Weightage.
➤	Any other items relevant to the board of studies

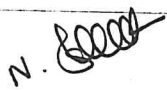
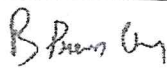
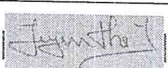


### Minutes of the BoS Meeting




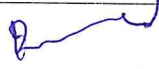
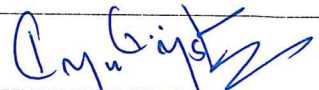

BoS / MBA 12.1	:	The Board of studies Chairman welcomed the members.
BoS / MBA 12.2	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
BoS / MBA 12.3	:	PEOs, POs and PSOs of PG Programme were presented.
<b>APPROVED THE SAME.</b>		
BoS / MBA 12.4	:	The minutes of the 12 <sup>th</sup> Board of Studies meeting held on 30.12.2025 were communicated to the members. The comments received have been incorporated and placed for confirmation.
<b>APPROVED THE SAME.</b>		
BoS / MBA 12.5	:	To consider & approve the Curriculum, Curriculum Structure, Syllabi & Course Outcomes of II semester for Management Studies to be offered under Regulations 2023 for the students admitted in the Academic Year 2025-2026 onwards.
Suggestions given by the members regarding PG syllabus:		



S.No	Course Name	Suggestions	Name of the Member
1.	BA23210: Production and operations Management	No Suggestions	..
2.	BA23211: Financial Management	No Suggestions	..
4.	BA23212: Marketing Management	No Suggestions	..
5.	BA23213: Human Resource Management	No Suggestions	..
6.	BA23205: Business Analytics	No Suggestions	..
7.	BA23206: Business Research Methods	No Suggestions	..
<b>RESOLVED AND APPROVED THE SAME.</b>			

### BoS Members Acknowledgment

Position in the committee	Chairman	University Nominee	Academic Expert 1	Academic Expert 2	Industry Expert	Alumni
Name & Designation	Dr.N.Swarnalatha Head/ MBA	Dr. K. R. Mahalaxmi, Assistant Professor, MBA Anna University, Trichy.	Dr.J.Jeya Sunitha Professor & HoD St.Joseph University, Thindivanam	Dr. Premkumar B, Associate Professor, Department of Management Studies, SRM University, Chennai.	Dr.P.Masiyamoorthy Managing Director GPM PAVERS & TILES Deevatipatti & Nallampalli,Salem	Mr.Dhanush M V Red Chilli Family Restaurant Thuraiyur.
Signature	N. 	k.R. Mahalaxmi				

S.No	BoS Members	Designation	Signature
1.	Ms.A.Sheela	AP/MBA	
2.	Mrs.S.Megalatha	AP/MBA	
3.	Mr.V.Jayaganash	AP/ MBA	
4.	Dr.R.Senthilkumaran	AP/ MBA	
5.	Mr.J.Leyon Livingston	AP/ MBA	
6.	Mr.V.Mohaneswari	AP/ MBA	



**PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**

**Minutes of 12<sup>th</sup> Board of Studies Meeting**

**Venue: Online Mode**

**Date and Time: 09.01.2026 & 2.00PM**

The 12<sup>th</sup> Board of Studies meeting of the Department of Master of Computer Applications were held on 09.01.2026, at 2.00pm through online mode, at Paavai Engineering College. The following members were present for the meeting.

S.No	Name	Designation	Position in the Committee	College / University / Industry
1	Mr.S.Senthilvelan	HOD/MCA	Chairman	Paavai Engineering College
2	Dr.M.Sivakumar	Associate Professor / CSE	University Nominee	Thiagarajar College of Engineering, Madurai
3	Dr.K.Santhi	Professor / School of Computer Science & Engineering	Academic Expert	Vellore Institute of Technology, Vellore
4	Dr.K.R.Sekar	Associate Professor / CSE	Academic Expert	Sastra University, Thanjavur
5.	Mr.Venkatesh Rajagopal	Associate Manager	Industry Expert	DXC Technology Bangalore
6.	Mr.P.Balamurugan	Oracle Database Administrator	Alumni	Solugenix, Bangalore
7.	Dr.V.Annapoorani	Prof/MCA	Members	Paavai Engineering College
8.	Mr.C.Rathnakumar	ASP/MCA		
9.	Mrs.M.Geetha	ASP/MCA		
10.	Mrs.M.Maheswari	AP/MCA		
11.	Mrs.R.Deepika	AP/MCA		

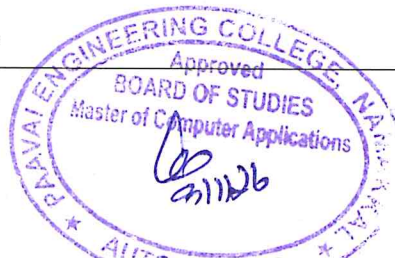


## Agenda

➤	<b>Welcome Address</b>
➤	<b>Vision and mission of Institution and Department.</b>
➤	<b>PEOs, POs and PSOs of PG Programme.</b>
➤	<b>Confirmation of the minutes of the 12<sup>th</sup> Board of Studies meeting held on 09.01.2026 and Action Taken Report.</b>
➤	<b>To consider &amp; approve the Curriculum and Syllabus of 2<sup>nd</sup> and 3<sup>rd</sup> Semester M.C.A Programme under Regulations 2023.</b> <ul style="list-style-type: none"> <li>• Curriculum, Credits and its structure</li> <li>• List of I, II, III, IV Semester Courses and Syllabus</li> <li>• List of Professional Electives</li> <li>• Amendments</li> </ul>
➤	<b>To consider &amp; approve the Curriculum Structure and Syllabi of I, II, III and IV Semester M.C.A Programme under Regulations 2023.</b>
➤	<b>To discuss and approve Assessment Weightage.</b>
➤	<b>Any other points relevant to the board of studies.</b>

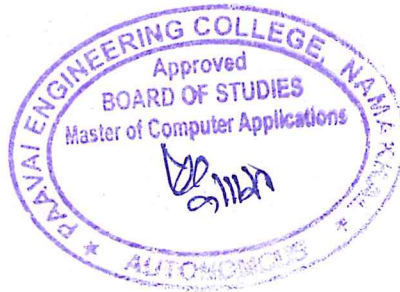
### Minutes of the BoS Meeting

<b>BoS / MCA 10.1</b>	:	The Board of studies Chairman welcomed the members.
<b>BoS / MCA 10.2</b>	:	Vision and mission of Institution and Department were described.
<b>APPROVED THE SAME.</b>		
<b>BoS / MCA 10.3</b>	:	PEOs, POs and PSOs of PG Programme were described.
<b>APPROVED THE SAME.</b>		
<b>BoS / MCA 10.4</b>	:	The minutes of the 12 <sup>th</sup> Board of Studies meeting held on 09.01.2026 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the committee members.
<b>APPROVED THE SAME.</b>		
<b>BoS / MCA 10.5</b>	:	<b>To consider &amp; approve the Curriculum, Curriculum Structure, Syllabi &amp; Course Outcomes of I, II III and IV semesters for M.C.A to be offered under Regulations 2023 with effect from the Academic Year 2025-2026 onwards.</b>

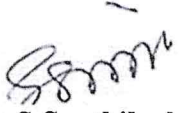


<b>Suggestions given by the members regarding PG syllabus:</b>	
<b><u>Semester –II</u></b>	
<b>Bridge Course CA23002 – Network Programming</b>	
1.	• The course Network Programming has been removed
<b>Bridge Course CA23003 – Computer Organization</b>	
2.	• The course Computer Organization has been removed
<b><u>Semester –III</u></b>	
3.	<b>Professional Elective IV CA23456 – E-Learning</b>
	• The course Quantum Computing has been included instead of course E-Learning.
4.	<b>Bridge Course CA23004 – Object Oriented Programming using C++</b>
	• The course Object Oriented Programming using C++ has been removed
<b>RESOLVED AND APPROVED THE SAME.</b>	

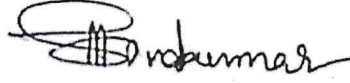
The above suggestions were given by the members and approved the 2<sup>nd</sup> and 3<sup>rd</sup> Semester Syllabi for MCA under R2023 for the students admitted in the year 2025 – 2026 onwards.



The above suggestions given by the members



**Mr.S.Senthilvelan**  
Chairman / BoS



**Dr.M.Sivakumar**  
University Nominee



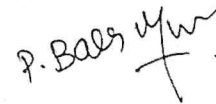
**Dr.K.Santhi**  
Academic Expert



**Dr.K.R.Sekar**  
Academic Expert



**Mr.Venkatesh Rajagopal**  
Industry Expert



**Mr.P.Balamurugan**  
Alumni

