

KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution,

Affiliated to Anna University, Chennai)

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

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

(Near VIRUDHUNAGAR)



10th BOARD OF STUDIES MEETING MINUTES

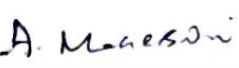
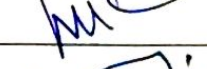
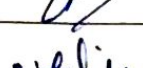
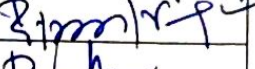
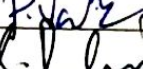
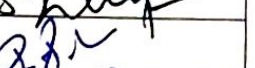
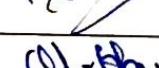
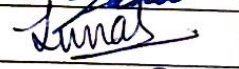
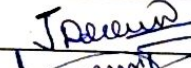
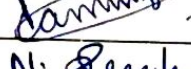
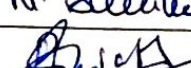
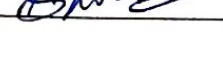
Board of Studies for Science and Humanities

Minutes of the Fifth BoS Meeting

Date : 04.06.26
Time : 10.30 am to 1.00 pm
Venue : IT Smart Classroom

The following members were present:

S.No	Name of the Expert	Designation	Capacity
1	Dr.S.Ponmudi	Associate Professor and Head, Department of Physics, Alagappa Chettiar Government College of Engineering and Technology, Karaikudi.	Anna University Nominee
2	Dr. R. Joseph Ponniah	Professor/HSS Department, NIT Trichy.	Academic Council Nominee
3	Dr.J.John	Associate Professor and Head/ Department of Maths, Government College of Engineering, Tirunelveli.	Academic Council Nominee
4	Mrs. J. Madhumitha	Assistant Manager, BNP Paribas, IT Wing, Full stack JAVA Developer, Chennai.	Industrial Expert
5	Er. P. Naresh	Project Management Officer HCL.	Alumni
6	Er. A. Marikani	Senior Engineer, Program Management Motherson Polymer Solutions Chennai.	Special Invitee from Industry

Internal faculty Members of BoS			
S. No	Name of the Faculty	Designation	Signature
1	Dr.K.Thanalakshmi	Associate Professor/ Maths & First year Coordinator	
2	Dr. A. Maheswari	Associate Professor & HoD /Maths	
3	Dr.N.Kamatchi	Associate Professor/Maths	
4	Dr. N. Mehala	Assistant Professor / Maths	
5	Dr.S.Brindha	Assistant Professor / Maths	
6	Dr.N.Murugeswari	Assistant Professor / Maths	
7	Mr.K.M. Sathish Kumar	Assistant Professor / Maths	
8	Mr.P.Pandiaraj	Assistant Professor / Maths	
9	Mrs.C.Revathy	Assistant Professor / Maths	
10	Dr.N.Sundarajan	Associate Professor & HoD /English	
11	Dr.B.Kayal Vizhi	Assistant Professor / English	
12	Mr.P.Vairamani	Assistant Professor / English	
13	Mr.S.Pradeep Kumar	Assistant Professor / English	
14	Mr.R.Pravinkumar	Assistant Professor / English	
15	Dr.M.Shanthi	Assistant Professor & HoD/Physics	
16	Dr.M.Hema	Associate Professor/Physics	
17	Dr.K.Sakthiraj	Associate Professor/Physics	
18	Dr.G.Bharathy	Assistant Professor/Physics	
19	Dr.K.M.Manikandan	Assistant Professor/Physics	
20	Dr.T.Dhanalakshmi	Associate Professor & HoD/Chemistry	
21	Dr.S.Gandhi	Professor/Chemistry	
22	Dr.S.Luna Eunice	Associate Professor/Chemistry	
23	Dr.J.Dhanalakshmi	Assistant Professor/Chemistry	
24	Dr.S.Shamim Rishwana	Assistant Professor/Chemistry	
25	Mr.N.Siva Kumar	Assistant Professor/Chemistry	
26	Dr.P.Swathi	Assistant Professor/Tamil	

005.01.00: Welcome address by HoD

- Dr.K.Thanalakshmi, Chairman of the board, welcomed all the expert members of the Board of studies and Faculty members of the Department of I Year Engineering to the 5th BOS meeting.

005.02.00: Introduction of BOS members and new Academic Council Nominee

- Dr.K.Thanalakshmi introduced all the BOS members and Academic council nominee.

005.03.00: Items for Discussion and Approval

005.03.01: Presentation of Proposed Curriculum by Dr. K. Thanalakshmi, First Year Coordinator

- Dr. K. Thanalakshmi, First Year Coordinator, presented the proposed curriculum for the first and second semester for B.E/B.Tech(all branches) under the Regulations2026 of Kamaraj College of Engineering and Technology. The curriculum structure for both the semesters was explained in detail.

S. No	Name of the Course	No. of Hours / per Week		C	Category	CT	Maximum Marks		
		L-T-P	CH				CA	ES	Total
1	Calculus for Engineers	3-1-0	4	4	BS	T	40	60	100
2	Design Thinking	2-0-2	4	3	ES	TCP	50	50	100
3	Computer Programming	3-0-0	3	3	ES	T	40	60	100
4	Engineering Physics	2-0-2	4	3	BS	TCP	50	50	100
5	Environmental science and Engineering	3-0-0	3	3	ES	T	40	60	100
6	Heritage of Tamils	1-0-0	1	1	HS	T	100	-	100
7	English for Professional Development - I	2-0-0	2	2	HS	T	100	-	100
8	Computer Programming Lab	0-0-2	2	1	ES	P	60	40	100
	Total		23	20					
9	Induction Programme		1 Week		MC	-	100	-	100
10	General Clubs / Technical Clubs / NCC / NSS / Extension Activities	0-0-1	1	-	MC	-	100	-	100
11	Interpersonal skills, Psychometric Analysis and Career Development	0-0-1	1	-	SD	-	100	-	100

- The members suggested that instead of German language, the course should be an optional one and the course name should be changed to Foreign Languages. They suggested that three or more languages should be given as options. The members accepted the proposed First semester curriculum with slight modifications as said above.

005.03.02 Presentation of Proposed Syllabus for English for Professional Development- I

Dr. N. Sundararajan, Head of the Department of English, presented the proposed syllabus for English for Professional Development – I. The members suggested that both the semesters should include an End Semester Theory Examination to ensure comprehensive assessment of students' language proficiency and learning outcomes.

Dr. R. Joseph Ponnaiah observed that some grammar topics reflect a traditional approach to language teaching and suggested updating the content by removing less relevant portions and incorporating more contemporary language-learning practices. He recommended increasing reading-based activities to facilitate natural and subconscious language acquisition, thereby improving students' vocabulary and comprehension skills. He also suggested that students should be taught how to deep learn a subject during the induction programme. Also, AI skills should be taught for the students in the humanities course.

005.03.03 Presentation of Proposed syllabus for Calculus for Engineers

Dr.A.Maheswari, Head of the Department of Mathematics, presented the proposed syllabus for Calculus for Engineers. The experts reviewed the syllabus and expressed their Suggestions. Dr. J. John has suggested that in unit 2 syllabus, the topic homogenous functions- Euler's theorem (Proof excluded) may be included. He also suggested to include some E-resources after the reference.

05.03.04 Presentation of Proposed syllabus for Engineering Physics syllabus

Dr.M.Shanthi, Head of the Department of Physics presented the proposed syllabus for Engineering Physics. The experts acknowledged the course contents and suggested

the following changes: Units - II and V should be swapped since semiconductor introduction (Module-V) is essential before learning "Photonics and Fibre optics" (Module-II).

005.03.05: Presentation of Proposed syllabus for Environmental Science & Engineering

Dr.T.Dhanalakshmi, Head of the Department of Chemistry presented the proposed syllabus for Environmental Science and Engineering. The committee members approved the syllabus.

- BoS members approved the syllabus for the courses Calculus for Engineers, Engineering Physics, Environmental Science and Engineering and English for Professional Development-I.

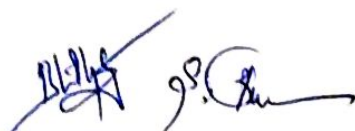
005.04.00: Any other items

General suggestions

- The members suggested that other courses like Design thinking (should be approved by Mechanical Board) and the Computer programming (Theory and Lab, should be approved by the CSE Board). They also suggested that all the courses should be presented and approved by the Academic Council.
- The members suggested that the internal assessment components, End semester Examination pattern, grading system and classification of results, etc should be clearly incorporated in the Regulations 2026 of Kamaraj College of Engineering and Technology, and the same should be presented for approval of forthcoming Academic council meeting for approval.
- The members suggested that once the regulation R2026 and curriculum are approved by the academic council, the CO-PO mapping of all the courses should be discussed in the next BoS meeting.
- The members suggested that BoS meeting should be conducted twice every year.
- As per the experts' suggestions, the syllabus for all the four courses is corrected.
- The next meeting will be conducted in November 2026.

005.05.00: Vote of thanks

- The meeting ended with the vote of thanks proposed by Dr. N. Sundararajan who thanked the Principal, Heads of Departments, experts from various departments, and all participants for their valuable contributions and suggestions.



BoS Coordinators

(Dr.S.Brindha and Dr.G.Bharathy)



BoS Chairman

(Dr.K.Thanalakshmi)

First year Coordinator

DEPARTMENT OF FIRST YEAR ENGINEERING

BOARD OF STUDIES MEETING

ATTENDANCE SHEET

DATE: 4th June, 2026, Thursday

Time: 10.00 am-12.30 pm

Venue: IT Smart Class Room

IN:

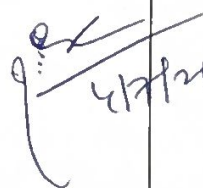
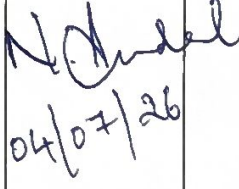
S. No	Name of the Faculty	Designation	Signature
1	Dr.S.Ponmudi	Associate Professor and Head, Department of Physics Alagappa Chettiar Government College of Engineering and Technology, Karaikudi.	 4/6/26
2	Dr. R. Joseph Ponniah	Professor HSS Department NIT Trichy.	
3	Dr.J.John	Associate Professor and Head/ Department of Maths Government College of Engineering. Tirunelveli.	 4/6/26
4	Mrs. J. Madhumitha	Asst Manager, Full stack JAVA Developer, Chennai.	
5	Er. P. Naresh	BE - CSE 2012 (Batch) Project Management Officer HCL, Madurai.	
6	Er. A. Marikani	Senior Engineer, Program Management Motherson Polymer Solutions	

Department of Electronics and Communication Engineering

Tenth BoS Meeting Minutes

Date : 04.07.2026
Time : 2.00 PM to 4.00 PM
Link : <https://lnk.dev/3rouv16>
Venue : VLSI Lab, Academic Block IV, Second Floor

External Members:

S.No.	Name of the Expert	Designation	Capacity	Signature
1	Dr.G.Renisha, M.E, Ph.D	Associate professor & HOD Department of ECE Government College of Engineering, Tirunelveli, Tamil Nadu - 627007	Anna University Nominee	
2	Dr. D. Kannadassan, M.E, Ph.D	Professor and Head Department of Communication Engineering, School of Electronics Engineering, Vellore Institute of Technology, Vellore - 632014.	Academic Council Nominee	
3	Mr T Venkatachalam, M.E.,	Assistant Professor, Department of ECE, Department of ECE, PSG College of Technology, Coimbatore - 641004.	Academic Council Nominee	(ONLINE)
4	Ms. N. Andal, B.E,	Deputy General Manager - Quality Assurance Data Patterns (India) Ltd. Plot.No H9, 4th Main Road, SIPCOT IT Park, Off Rajiv Gandhi Salai (OMR), Siruseri, Chennai - 603 103.	Industrial Expert	
5	Mr.M.Pon Pradeep Kumar M.E.,	Senior Engineer Harman International India Pvt., Ltd., Sattva Knowledge Court North Block, 7th Cross Road, Lotus Krest, Green Domain Layout, Bengaluru, Karnataka - 560048.	Alumni	
6	Dr. S. Deepak Ram Prasath, M.E, Ph.D	Director Sravya Wireless Technologies, Madurai (Former Project Manager, Thiagarajar Telekom Solutions)	Special Invitee from Industry	

Internal Faculty Members of BoS			
S.No.	Name of the Faculty	Designation	Signature
1	Dr.R.Suresh Babu	Professor & Head	R.S. Suresh Babu
2	Dr.T.Pandiselvi	Associate Professor	T. Pandiselvi
3	Dr.N.M.Mary Sindhuja	Associate Professor	N.M. Mary Sindhuja
4	Dr.T.Prathiba	Associate Professor	T. Prathiba
5	Dr.J.Shanthi	Associate Professor	J. Shanthi
6	Dr.S.Nisha Rani	Assistant Professor	S. Nisha Rani
7	Dr.R.Ashok	Assistant Professor	R. Ashok
8	Dr.K.Ragini	Assistant Professor	K. Ragini
9	Dr.R.Rajprabu	Assistant Professor	R. Rajprabu
10	Dr.C.Nagavani	Assistant Professor	C. Nagavani
11	Mr.P.Aravind	Assistant Professor	P. Aravind
12	Mr.S.Alwyn Rajiv	Assistant Professor	S. Alwyn Rajiv
13	Mrs.P.Muthumari	Assistant Professor	P. Muthumari
14	Mrs. P. Ramalakshmi	Assistant Professor	P. Ramalakshmi
15	Mr.S.Wesley Moses Samdoss	Assistant Professor	On Leave
16	Mrs.T.Monisha Birlin	Assistant Professor	T. Monisha Birlin
17	Mr.P. Harikrishnan	Assistant Professor	P. Harikrishnan
18	Ms.K. Sindhuja	Assistant Professor	K. Sindhuja
19	Ms.M. Jothilakshmi	Assistant Professor	M. Jothilakshmi
20	Mr.D.Rajamanickam	Assistant Professor	D. Rajamanickam
21	Ms.S. Pratheebea	Assistant Professor	S. Pratheebea

010.01.00 : Welcome address by HoD

- Welcome address was given by Dr.R.Sureshbabu, Prof. & Head/ECE

010.02.00 : Approval of 9th BoS Meeting Minutes & Action taken

Item No.	Suggestions of BoS Members in 9 th BoS Meeting	Action Taken
1.	Computer programming Dr.E.S.Gopi Ph.D., insisted that Computer programming in Semester I should be allied with Computer programming in Semester II.	➤ Planned to prepare as per the suggestions given by the BoS members for R2026.
2.	Physics for Electrical and Electronics Engineering (Semester II): Dr.E.S.Gopi Ph.D., and Dr.M.Sabarimalai Manikandan Ph.D., insisted that the content of the course is redundant with Electronic Devices course. They also suggested replacing the course with Basic Engineering course which may include Electrical, Civil and Mechanical Engineering contents.	
3	Advanced C Programming laboratory All the BoS members suggested for changing the course name.	

- BoS members approved the action taken in 9th BoS Meeting Minutes.

010.03.00 : Discussion and approval of the following items.

010.03.01 : R2026 I Year Curriculum – UG &

010.03.02: R2026 I Semester Syllabus - UG

- Dr.R.Sureshbabu, HoD/ECE disseminated Vision and Mission of ECE department to the BoS members. He also discussed the Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Programme Educational Objectives (PEOs) for UG.
- I year Curriculum and I semester syllabus discussion with the BoS members are given below.

I Semester

Name of the Course	Suggestions from BoS members
Calculus for Engineers	Dr. S. Deepak Ram Prasath, Director, Sravya Wireless Technologies insisted to put from Engineering faculty for Maths courses for relating the mathematical concept to the ECE courses. Dr. D. Kannadassan, insisted to reduce Knowledge level from K3, since it is a Foundation Course.
Design Thinking	Er.N.Andal and Dr. S. Deepak Ram Prasath suggested that this course should be split across the semesters from I to VII with 1 credit and it cannot be studied as theory course in single semester.
Problem Solving Using Python	Approved the course and syllabus
Engineering Physics	Experts suggested to remove MEMS unit and instructed to add Semiconductor physics. Quantum physics may be moved to unit I. Dr. S. Deepak Ram Prasath suggested that physics course may not be common for all branches. Department specific physics course is needed. Consumer electronics may be added. Er.N.Andal suggested that the Photonics and Fiber optics are heavy and it may be reduced.
Environmental Science and Engineering	Approved the course and syllabus
Heritage of Tamils	Approved the course and syllabus
English for Professional Development -1	Approved the course and syllabus Dr. S. Deepak Ram Prasath said that this course must be a technical English and it should not be general English. Er.N.Andal suggested that Module V – British & American Vocabulary is not needed. Dr. D. Kannadassan instructed to conduct English Proficiency test. Based on their performance the students may be given either Technical English or General English.
Python Programming Laboratory	Approved the course and syllabus
Induction Programme	Approved the programme.
General Clubs / Technical Clubs / NCC / NSS / Extension Activities	Approved the activities.
Interpersonal skills, Psychometric Analysis and Career Development	The experts suggested to give this course in higher semesters

II Semester

Name of the Course	Suggestions from BoS members
Mathematics -2	Approved the course
Chemistry	Approved the course
Modern Physics (Dept Spec)	Approved the course
Electronic Devices	Approved the course
Engineering Graphics	Approved the course
Computer Programming	Approved the course
Tamils and Technology	Approved the course
Technical Communication I / English for Professional Competence	Approved the course
Foundation Lab (EP Lab)	Approved the course
Yoga for Stress Management (Non Credit)	Approved the course
MS Office (Mandatory - NC)	Approved the course
German Language	Approved the course

10.03.03 : R2026 I Year Curriculum – PG &

010.03.04: R2026 I Semester Syllabus - PG

- Dr.R.Sureshababu, HoD/ECE discussed the Programme Outcomes (POs), Programme Specific Outcomes (PSOs) for M.E., Communication & Networking.
- I year Curriculum and I semester syllabus discussion with the BoS members are given below.

I Semester

Name of the Course	Suggestions from BoS members
Advanced Applied Mathematics	Dr. D. Kannadassan and Er.N.Andal suggested to remove Linear Programming. Instead of this they suggested to add Probability, Statistics, Gaussian distribution. Dr. S. Deepak Ram Prasath suggested that there is no need of separate mathematics for PG. In each course, the necessary mathematical concepts may be included in Unit I.
Advanced Digital Communication Techniques	Approved the course and syllabus
Advanced Digital Signal Processing	The expert members suggested to change this course as TCP course.
Advanced Radiation Systems	Dr. S. Deepak Ram Prasath suggested to include advanced topics Link budget Antenna, Radar Antenna Unit I content. The contents of Unit I and Unit II must be changed. Dr. D. Kannadassan suggested to swap Unit IV with Unit V. Reduce FEM, FDTD in Unit V. They also suggested to change the Reference book. It must be changed to TCP.

Analog and Digital Electronic System Design	The experts suggested to make this course as elective. This course must be replaced with Embedded C course.
Professional Elective I	Approved the course and syllabus
Communication Systems Laboratory	Dr. D. Kannadassan suggested to include channel models for different environments like urban, indoor and outdoor

Professional Elective I

Name of the Course	Suggestions from BoS members
Analysis and Design of CMOS Analog Integrated Circuit	Dr.G.Renisha suggested to change the name of the course to CMOS Analog Integrated Circuit.
MEMS and NEMS	The experts suggested to change this course as TCP course.
Real Time Embedded Systems	The experts suggested to reduce theory and include more Lab concepts.
RF Integrated Circuits	Dr. D. Kannadassan suggested to include high frequency amplifier design. He instructed to remove Noise Figure in Unit II and it is to be included in Unit III. He also suggested that no need of all amplifier Classes. Class A, B, C amplifiers are enough.
Signal Integrity for High Speed Design	The experts suggested to remove last unit and the syllabus is heavy. They also suggested to include European standard and reduce Transmission Lines and Reflections.
Soft Computing Techniques	Approved the course and syllabus
Deep Learning	Approved the course and syllabus
Artificial Intelligence	Approved the course and syllabus

II Semester

Name of the Course	Suggestions from BoS members
Advanced Wireless Networks	Approved the course
Cognitive Radio Networks	Approved the course
Machine Learning	Approved the course
Professional Elective II	Approved the course
Professional Elective III	Approved the course
Networking Laboratory	Approved the course
Term Paper Writing and Seminar	Approved the course
Industry Oriented Course I	Approved the course
Industrial Training	Approved the course
Self-Learning Course	Approved the course

010.03.03 : NPTEL Course Credit Change

NPTEL-SWAYAM certification courses are being revised with effect from January 2026 semester as shown below

Course Duration (in Weeks)	Credits Recommended Previously	Credits Currently Recommended
4	1	2
8	2	3
12	3	4

010.04.00 : Items for Ratification**010.04.01 : Changes or Corrections in the existing Curriculum of R2021**

Regulation/ Batch	Course Code/ Course Name	Offered to	Offered by	Suggestion by the Industry
R2021/ 2022-2026 batch	System Programming	ECE, EEE, MTR	CSE/IT	HCL introduced 2 Open Elective courses.
R2021/ 2022-2026 batch	Advanced C++ For Embedded Programming	ECE, EEE, MTR	CSE/IT	
R2021/ 2023-2027 batch	Bare Metal Programming (Theory Cum Lab)	ECE, EEE	ECE	Infineon Technologies based syllabus. Replaced Professional Elective

010.04.02 : New Faculty Members

Name of the Faculty Members	Date of Joining
Mrs.T.Monisha Birlin	08.09.2025
Mr.P.Harikrishnan	20.04.2026
Mrs.K.Sindhuja	27.04.2026
Mrs.M.Jothilakshmi	25.06.2026
Mr.D.Rajamanickam	25.06.2026
Ms.S.Pradeepa	25.06.2026

010.04.03 : Value Added Courses offered - ratification required

The following are the value added courses conducted for the III year ECE students in the academic year 2025-2026.

S. No.	Course Name	Resource Person	Participants	Date
1.	Machine Learning using Python	Mr.R.Sankar Ganesh, Project Engineer, Pantech e - Learning, Chennai.	31 III ECE students	29.07.2025 to 02.08.2025

2.	System Verilog	Mr.M.Manikandan, Project Engineer, Pantech e - Learning, Chennai.	31 III ECE students	29.07.2025 to 02.08.2025
3.	Full Stack using IoT networks	Mr.M.R.Mithun Bharath, Project Engineer, Recessar Pvt.Ltd, Madurai.	31 III ECE students	29.07.2025 to 02.08.2025
4.	Advanced PLC	Mr.T.S.Vishnukmar, PLC Automation Engineer, IOLOGIX Automation Solution, Chennai.	30 III ECE students	29.07.2025 to 02.08.2025
5.	Integrated Full Stack Web Development with IoT Networks	Deepika D, Technology Trainer, Reccar Private Limited, Madurai	28 II ECE Students	05.01.2026 to 10.01.2026
6.	PLC and SCADA	Nithish Kumar U, Automation Engineer, IOLogix Pvt. Ltd, Chennai	27 II ECE Students	05.01.2026 to 10.01.2026
7.	Machine Learning using Python	Ahamed Vahith K, Trainer, New Technology Career Solutions	28 II ECE Students	05.01.2026 to 10.01.2026
8.	Embedded with IoT	Nawz Syed & Sankar Ganesh, Software Trainer, Pantech elearning pvt ltd, Chennai	28 II ECE Students	05.01.2026 to 10.01.2026

➤ BoS members ratified the value added courses conducted.

010.05.00: Items for Information

Item No.	Description	Reported to BoS Members
010.05.01	NBA Audit / Status Preparation and Information	- Uploaded SAR during December, 2025 - External Academic Audit was conducted on 26.06.2026. Dr. P. Venugopal, Professor/ ECE, KPR Institute of Engineering and Technology, Coimbatore acted as the external audit member - Updation as per external academic audit is going on all days evening 4:30pm to 06:30pm
010.05.02	Pass Percentage of students in Nov/Dec 2025	The HOD Presented the Pass percentage yearwise and course wise for the academic year 2025-2026 (ODD). II ECE A – pass percentage – 91.07% II ECE B – pass percentage – 94.45% III ECE A - Pass percentage - 91.93% III ECE B - Pass percentage – 95.08% IV ECE - Pass percentage – 87.10%
010.05.03	Value Added Courses Planned for the academic year 2026 – 2027 odd	The HOD Presented the Value added course planned for III year students for the academic year 2026-2027 odd.

		1. Embedded systems and IoT 2. Full stack development 3. Machine learning using python/ MATLAB 4. Hardware design using System verilog
010.05.04	Student Internship Completion details	The HOD shared the statistical data of the student internship/ Inplant training details for R2021 • All the 111 Students of III ECE A & B (R2021) have completed
010.05.05	Honors and Minor Degree Courses	2025 Passed out Students No. of Students received Honors: 21 No. of Students received Minors: 13 2026 Passed out Students No. of Students received Honors: 35 No. of Students received Minors: 6 IV Year Students (2027 passed out) No. of Students doing Honors: 53 No. of Students doing Minors: 31 IV Year Students (2028 passed out) No. of Students doing Honors: 61 No. of Students doing Minors: 16
010.05.06	Placement Details	The HOD shared the placement index of 2026 passed out students.
010.05.07	Co-curricular and Extra-curricular Activities	HoD happily shared the Co-curricular and Extra-curricular activities, achievements and product development with the BoS members
010.05.08	Professional Society and its activity	HoD shared the information about the professional society in the department • Indian Society for Technical Education (ISTE) • Institution of Electronics and Telecommunication Engineers (IETE) • ECE Association • Semiconductor Innovation Club • The Institution of Engineers India (IEI)
010.05.09	Skill Development Mark	HoD discussed that the skill development is included as one of the criteria for internal mark calculation.

010.06.00 : Any other Items

- Next BoS Meeting is tentatively scheduled on November 2026.

010.07.00 : Vote of Thanks

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

Signed 9/7/2026 P.N.

BoS Coordinators

Dr.S.Nisha Rani & Mrs.P.Muthumari

R.S - Babu 9/7/2026

BoS Chairman

Dr.R.Suresh Babu

HoD / ECE



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

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

Department of Information Technology

Tenth BoS Meeting Minutes

Date : 04.07.2026
Time : 11:00 a.m.
Venue : IT Smart Classroom

The following members were present:

S.No.	Name of the Expert	Designation	Capacity
1	Dr. C. Uma Rani	Associate Professor, Department of Computer Science and Engineering Alagappa Chettiar Government College of Engineering and Technology, Karaikudi	Anna University Nominee
2	Dr. N. Shivakumar	Associate Professor, Department of Computer Science and Engineering, Thiagarajar College of Engineering, Madurai.	Academic Council Nominee
3	Dr. M. Prasad	Associate Professor, School of Computing Science and Engineering, Vellore Institute of Technology, Chennai.	Academic Council Nominee
4	Dr. R. Lawrance	CEO, MACVEL Software Solutions, Sivakasi	Industrial Expert
5	Ms. K.Rajeshwari (2008 Batch)	Program Manager LR&D, Zemoso Technologies, Hyderabad	Alumni
6	Mr. P. Mahendran	Assistant consultant, TCS, Chennai	Special Invitee from Industry

Internal Faculty Members of BoS		
S.No.	Name of the Faculty	Designation
1.	Dr. E. Vakaimalar	Associate Professor & Head
2.	Dr. R. Muthuselvi	Professor
3.	Dr. R. Arthy	Assistant Professor
4.	Dr. S. Akila Rajini	Assistant Professor

5.	Mr. C. Rajkannan	Assistant Professor
6.	Mr. G. H. Ram Ganesh	Assistant Professor
7.	Ms. P. Mahalakshmi	Assistant Professor
8.	Ms. S. Gayathri	Assistant Professor
9.	Ms. V. Gayathri	Assistant Professor
10.	Ms. R. Saranya Priyadharshini	Assistant Professor
11.	Ms. G. Nivetha	Assistant Professor
12.	Mr. J. Ponnudurai	Assistant Professor
13.	Mr. J. Lefty Joyson	Assistant Professor
14.	Ms. K. Kartheeswari	Assistant Professor
15.	Ms. P. Sudha	Assistant Professor
16.	Ms. L. Deepika	Assistant Professor
17.	Ms. B. Pandiselvi	Assistant Professor

010.01.00 : Welcome address by HoD

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

010.02.00 : Discussion of R2026 first year curriculum structure and syllabus

Semester	Points Discussed
1	➤ The Board discussed the proposed First Semester curriculum. ➤ The BoS members recommended the inclusion of C Programming Theory and C Programming Laboratory in the first semester to provide students across all engineering disciplines with a strong foundation in structured programming. ➤ The rationale and approval of the First Semester syllabus for the remaining subject, as proposed in the First year BoS meeting, were presented to the members.
2	The proposed courses for the Second Semester were presented as follows: • Web Programming • Web Programming Laboratory • Software Engineering • C Programming (TCP)

The following suggestions and recommendations were made by the BoS members:

- The members recommended introducing Python Programming in the curriculum, considering its relevance across various engineering disciplines and its widespread industry adoption.
- It was further suggested that advanced courses such as Python for Data Science or Python for Machine Learning may be introduced in the higher semesters.
- Dr. C. Uma Rani recommended revising the credit structure of the C Programming (TCP) course from 3 Credits (2-0-2) to 4 Credits (3-0-2) to provide adequate theoretical and practical exposure.
- Dr. C. Uma Rani, Dr. N. Shivakumar and Dr. M. Prasad suggested replacing Web Programming and Web Programming Laboratory with Data Structures and Data Structures Laboratory, emphasizing the importance of strengthening students' programming fundamentals at an early stage. The Board concurred with this recommendation.
- Dr. R. Lawerance and Dr. P. Mahendran recommended replacing the Software Engineering course with Digital Logic Design, considering its significance as a core foundational subject for Information Technology students. The Board unanimously supported this recommendation.
- The members advised introducing a department-specific Physics course focusing on Nanoscience or Quantum Science, which would provide a strong foundation for emerging areas such as Quantum Computing.
- Ms. K. Rajeswari suggested incorporating the latest Integrated Development Environments (IDEs) and modern programming tools into laboratory courses to familiarize students with current industry practices.
- The Board recommended revising the Interpersonal Skills course syllabus to place greater emphasis on communication, aptitude, teamwork, interview skills, and other competencies essential for campus placements.

010.03.00 : General Points

Item No.	Comments from the BoS Members
010.03.01	The Board of Studies members provided the following general recommendations for syllabus preparation and curriculum design:

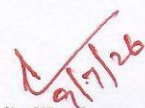
	➤ It was recommended that each course syllabus clearly specify the assessment methodology to be adopted for evaluating the prescribed learning activities. ➤ The members suggested that, for module-based syllabi, the number of instructional hours for each module need not be explicitly specified. ➤ The Board emphasized that Course Outcomes (COs) and CO–PO mappings should be drafted with utmost care to ensure clarity, measurability, and alignment with the Programme Outcomes. ➤ It was observed that assigning Knowledge Level K3 to all five Course Outcomes may be ambitious for first-year courses unless such cognitive levels are genuinely warranted by the course content. Appropriate knowledge levels should be assigned based on the expected learning outcomes. ➤ For module-based courses, the members recommended that Course Outcomes should be mapped to the relevant topics rather than to the modules as a whole. ➤ The Board suggested introducing an additional Course Outcome (CO6) to effectively assess learning activities or integrative tasks that encompass multiple modules of the course. ➤ The members emphasized that if a Course Outcome is mapped to Knowledge Level K5 (Evaluate), the corresponding assessment methodology should be designed accordingly, as a conventional written examination alone may not adequately measure higher-order cognitive skills.
010.03.02	➤ The BoS Coordinator presented the department's academic and developmental achievements, including the pass percentage, value-added courses, internships, students' co-curricular and extracurricular activities, as well as faculty achievements, research activities, and other departmental initiatives. ➤ The BoS members appreciated the department's consistent efforts and initiatives towards enhancing academic excellence, student development, faculty contributions, and research outcomes. They commended the department for its continuous commitment to quality improvement across all academic and administrative dimensions.

010.04.00 : Vote of Thanks

- The meeting ended with the Vote of Thanks by Dr. R. Arthy, ASP/IT.



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



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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
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MINUTES OF 10th BOARD OF STUDIES MEETING

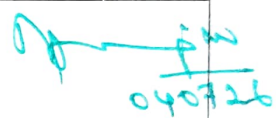
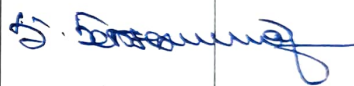
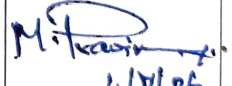
DATE: 04-07-2026

TIME: 10.30 am to 12.30 pm

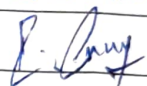
VENUE: Smart Class (EEE Department)

Physical Mode

The following members were present:

S. No.	Name of the Expert	Designation	Capacity	Signature
1.	Dr. P.Selvam	Associate Professor, EEE, Government College of Engineering, Tirunelveli	Anna University Nominee	 04/07/26
2.	Dr.S.Senthil Kumar	Professor, EEE National Institute of Technology, Tiruchirappalli.	Academic Council Nominee	
3.	Dr.S.Venkatesan	Associate Professor, EEE Alagappa Chettiar College of Engineering and Technology, Karaikudi	Academic Council Nominee	 4/7/26
4.	Er.T.V.Sivaprasad	Chief Manager/Planning, Neyveli New Thermal Power Station, NLCIL Neyveli Lignite Corporation	Industrial Expert	 04/07/2026
5.	Er.R.Gokul	Oracle SCM Consultant Trinamix Inc,Pune	Industrial Expert	 4/7/26
6.	Er.M.Pravin,	Research Scholar, National Institute of Technology, Tiruchirappalli	Alumni	 4/7/26

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S. No.	Name of the Faculty	Designation	Signature
1.	Dr. D. Prince Winston	Professor & Head / EEE Chairman, Board of Studies	
2.	Dr. B. Gurukarthik Babu	Associate Professor / EEE	
3.	Dr. G. Sakthivel	Assistant Professor / EEE	
4.	Dr. R. Ganesan	Assistant Professor / EEE	
5.	Mrs. J. Uma Maheswari	Assistant Professor / EEE	
6.	Mr. T. Hari Prasath	Assistant Professor / EEE	

010.01.00 : Welcome address by HoD

Dr.D.Prince Winston, Professor and Head, Department of Electrical and Electronics Engineering welcomed the BoS Members.

010.02.00 : Approval of 9th BoS Meeting Minutes & Action taken

Name of the Course	Suggestions from BoS members	Action Taken
Professional Course courses	Suggested to frame the syllabus of professional courses with reference to GATE syllabus.	The syllabus framed for Circuit Theory course covers GATE syllabus and solving GATE and Competitive examination problems are included as Skill Enhancement activity
Industry Oriented Courses	The members suggested to focus more towards industry oriented professional core courses	Industry Oriented professional core courses are included in R2026 PG curriculum
NPTEL	NPTEL certification course may be given as over and above credits.	NPTEL is offered as a Self learning course in R2026 PG curriculum

The BoS Members approved the Minutes of 9th BoS meeting held on 07.12.2024 and the action taken.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

010.03.00 : Discussion and Approval of

010.03.01 : R2026 I year Curriculum and Syllabus – UG

Mrs.J.Uma Maheswari presented R2026 I year UG Curriculum (B.E. - Electrical and Electronics Engineering) for approval

SEMESTER I

Name of the Course	Suggestions from BoS members
Calculus for Engineers	Approved the course and syllabus
Design Thinking	The BoS members suggested to change the title as Design Thinking and Entrepreneurship and recommended to include the topics relevant to entrepreneurship and implementing more real time mini projects in the practical sessions.
Problem Solving Using Python	Approved the course and syllabus
Engineering Physics	Approved the course and syllabus
Environmental Science and Engineering	The BoS members suggested to change course title to Environmental Science and Sustainability as the syllabus covers sustainability.
Heritage of Tamils	Approved the course and syllabus
English for Professional Development – I	Approved the course and syllabus
Python Programming Laboratory	Approved the course and syllabus
Induction Programme	Approved the Programme
General Clubs / Technical Clubs / NCC / NSS / Extension Activities	Approved the activities
Interpersonal skills, Psychometric Analysis and Career Development	Approved the course

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

SEMESTER II

Name of the Course	Suggestions from BoS members
Mathematics -2 (Common)	Approved the course
Chemistry (Common)	Approved the course
Modern Physics (Dept Spec)	Approved the course
Foundation Course-Circuit Theory	The BoS members suggested to move this fundamental course to third semester focusing on lateral entry students. The practical course will be offered in parallel. Instead, Electrical Power Generation course may be offered in second semester and mechanical and civil oriented topics will be included in the course.
Engineering Graphics	The BoS members suggested to reduce the credits and contact hours. The credits and hours may be increased to foundation course
Computer Programming (common)	Approved the course
Tamils and Technology	Approved the course
Technical Communication I / English for Professional Competence	Approved the course
Foundation Lab-Engineering Practices Lab	Electrical oriented experiments with real time applications, Fault findings in simple circuits, Power factor correction may be included
Yoga for Stress Management (Non Credit)	Approved the course
MS Office (Mandatory - NC)	Approved the course
German Language	Approved the course

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

010.03.02 : R2026 PG I year Curriculum and Syllabus

Mrs.J.Uma Maheswari presented R2026 PG Curriculum and syllabus of PG Programme (M.E. – Power Systems Engineering) for approval

SEMESTER I

Name of the Course	Suggestions from BoS members
Advanced Applied Mathematics	Optimization techniques may be included in one unit and the course name needs to be changed.
Advanced Power System Operation and Control	Approved the course and syllabus
Computer Aided Power System Analysis	Practical sessions will be conducted using ETAP, PSCAD software. Focus on relay coordination topics. Symmetrical and Unsymmetrical fault analysis using ZBUS method may be excluded.
Transients in Power Systems	Approved the course and syllabus
Optimization Techniques	May be excluded. One professional core course can be included.
Technical Seminar	Approved the course and syllabus
Advanced Power System Simulation Laboratory	First experiment needs to be revised

SEMESTER II

Name of the Course	Suggestions from BoS members
Advanced Power System Protection	Approved the course and syllabus
Extra High Voltage AC and DC Transmission	Approved the course and syllabus
Power System Deregulation	Approved the course and syllabus
Power System Dynamics	Approved the course and syllabus
Professional Elective I	Approved the course and syllabus
Industry Oriented Course I	Approved the course and syllabus
Industrial Training/Internship	Approved the course and syllabus
Self Learning Course	Approved the course and syllabus

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Professional Elective I

Name of the Course	Suggestions from BoS members
Computer Aided Design of Electrical Apparatus	ETAP software may be used for activities
Industrial Power System Analysis and Design	Approved the course and syllabus
Nano Materials and Applications of High Voltage Engineering	Approved the course and syllabus
Power System Planning and Reliability	Approved the course and syllabus
Power System Voltage Stability	Approved the course and syllabus
Research Methodology	Approved the course and syllabus
Advanced Power Converters	Approved the course and syllabus

010.03.03 : NPTEL Course Credit Change

NPTEL-SWAYAM certification courses are being revised with effect from January 2026 semester as below

Course Duration (in Weeks)	Credits Recommended Previously	Credits Currently Recommended
4	1	2
8	2	3
12	3	4

010.03.04 : Approval for PO,PEO and PSO of PG Programme

The Course Outcome, Programme Educational Objective and Programme Specific Outcome of PG Programme (M.E. – Power Systems Engineering) were presented for approval. The BoS members approved the Course Outcome, Programme Educational Objective and Programme Specific Outcome of PG Programme.

010.03.05 : Approval for Value added Course, Internship, Industry Oriented Course, Skill Development Marks, NPTEL/SWAYAM Course

The BoS members approved to conduct value added courses on recent technologies, seminar day to award skill development marks, and undergoing Internship, Industry Oriented

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Course, NPTEL/SWAYAM Course by the students under the approval of Head of Department, EEE during the academic year 2026-2027.

10.04.00 Ratification

010.04.01 : Changes and Amendments in the existing Curriculum of R2021

Regulation/ Batch	Course Code/ Course Name	Offered to	Offered by	Suggestion by the Industry
R2021/ 2022-2026 batch	OCS784-System Programming	ECE, EEE, MTR	CSE/IT	HCL introduced 2 Open Elective courses.
R2021/ 2022-2026 batch	OCS785-Advanced C++ For Embedded Programming	ECE, EEE, MTR	CSE/IT	
R2021/ 2023-2027 batch	VEC348-Bare Metal Programming (Theory Cum Lab)	ECE, EEE	ECE	Infineon Technologies based syllabus-Professional Elective

BoS members ratified the changes and amendments in the existing Curriculum of R2021

010.04.02 : Ratification for changes in the mandatory list of laboratory equipment

Laboratory Course	Name of the Equipments/ Software	Ratification to change in name/required quantity
EE2257 DC machines and Transformers Laboratory	DC Shunt motor with loading arrangement	3
	DC Shunt motor Coupled with DC Shunt motor	DC Shunt motor Coupled with DC Shunt generator
EE2304-AC Machines Laboratory	Synchronous Induction Motor 3HP	Synchronous Induction Motor 5HP
	DC Shunt motor coupled with three phase slip ring induction motor	Three phase Slip ring induction motor with loading arrangement

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Laboratory Course	Name of the Equipments/ Software	Ratification to change in name/required quantity
PS1211-Advanced Power System Simulation Laboratory	Personal Computers(Intel i3, 250GB, 1GB RAM)	6 users
	EMTP/ETAP/CYME/MIPOWER/MATLAB/ Any power system simulation software	EMTP/ETAP/CYME/MIPOWER/MATLAB/Any power system simulation software (Open source)
PS1102-Computer Aided Power System Analysis	Personal Computers (Intel i3, 250GB, 1GB RAM)	6 users
	Compilers: C, C++	6 users, Opensource

BoS members ratified the changes in the mandatory list of laboratory equipment.

010.04.03 : Value Added Courses offered- ratification required

The following value added courses are conducted for EEE students in the academic year 2025-2026 and 2026-2027(Odd).

S. No.	Course Name	Resource Person	Participants	Date
1.	STM32 Microcontroller	Paruvathai Payisei, Madurai	22	05-01-2026 to 10-01-2026
2.	Integrated Embedded Systems, Automation and Electrical CAD Design	Internal Faculties of EEE	32	06-07-2026 to 10-07-2026

BoS members ratified the value added courses.

010.04.04 : Internship- ratification required

BoS members ratified the internship undergone by the EEE students during vacation of the previous academic years.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

010.04.05: Skill Development Marks- ratification required

BoS members ratified the skill development marks awarded to the students during previous academic years as it enhances the communication and technical skills among students.

010.05.00: Items for Information

Item No.	Description	Reported to BoS Members
010.05.01	Dissemination of Mission, Vision of Institute and Department. PO,PEO,PSO of UG programme	Disseminated the Mission, Vision of Institute and Department. PO,PEO,PSO of UG programme to the BoS members
010.05.02	NBA Audit / Status Preparation and Information	- Uploaded SAR during December, 2025 - External Academic Audit was conducted on 26.06.2026. Dr. P.Siva Raman, Professor/ EEE, Bannari Amman Institute of Technology, Sathyamangalam acted as the external audit member - Updation as per external audit is going on.
010.05.03	Pass Percentage of students in Nov/Dec 2025	The HOD presented the Pass percentage for the academic year 2025-2026 (ODD). I EEE – pass percentage – 80% II EEE – pass percentage – 91% III EEE - Pass percentage -95.45% IV EEE - Pass percentage – 93.75%
010.05.04	Honors and Minor Degree Courses	2026 Passed out Students No. of Students received Honors: 3 No. of Students received Minors: 4 IV Year Students (2027 passed out) No. of Students doing Minors: 2 III Year Students (2028 passed out) No. of Students doing Honors: 7
010.05.05	Placement Details	The HOD shared the placement index of 2026 passed out students.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
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Item No.	Description	Reported to BoS Members
010.05.06	Co-curricular and Extra-curricular Activities	HoD happily shared the Co-curricular and Extra-curricular activities, achievements and product development with the BoS members
010.05.07	Professional Society and its activity	HoD shared the information about the professional society in the department • Indian Society for Technical Education (ISTE) • EEE Association • Semiconductor Innovation Club • The Institution of Engineers India (IEI)

010.06.00 : Any other Items

- Next BoS Meeting is tentatively scheduled on November 2026
- Recommended to focus on NPTEL courses on Professional Core courses
- ETAP and PSCAD based simulation experiments may be included in UG Programme
- Focus on professional core courses with recent trends such as Cyber Security, AI, PLC and SCADA, digital twin, Energy auditing, Electrical safety in UG and PG Programme.

010.07.00 : Vote of Thanks

- The meeting ended with the Vote of Thanks by J.Uma Maheswari, Assistant Professor, Department of Electrical and Electronics Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.



BoS Coordinators
Mrs.J.Uma Maheswari, AP/EEE



BoS Chairman
Dr.D.Prince Winston, HoD/EEE

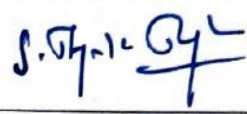
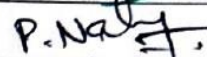
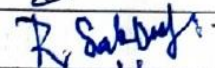
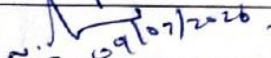
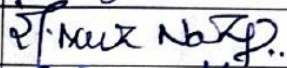
Department of Mechanical Engineering

10th BoS Meeting Minutes

Date : 04.07.2026
Time : 11.00 am to 12.30 pm
Venue : Mech – Smart Class Room

The following members were present:

S. No.	Name & Designation	Capacity	Address, Email Id and mobile No	Signature
1.	Dr.R.Sarala Associate Professor	Anna University Nominee	Department of Mechanical Engineering Alagappa Chettiar Government College of Engineering and Technology Karaikudi-630003. Phone : 9486847610 Email: r.sarala@accetedu.in	<i>[Signature]</i> 4/7/2026
2.	Dr.S.Denis Ashok Professor Higher Academic Grade	Academic Council Nominee	Design & Automation Department, School of Mechanical Engineering, Vellore Institute of Technology, Vellore – 632014. Email:denisashok@vit.ac.in Mobile:9444868585	<i>[Signature]</i> 04/07/2026
3.	Dr.A.Anandha moorthy Associate Professor	Academic Council Nominee	Department of Mechanical Engineering, Bannari Amman Institute of Technology, Sathiyamangalam. Phone: 9488470455 Email:anandhamoorthya@bitsathy.ac.in	<i>[Signature]</i> 04/07/2026
4.	Mr.N.Vijayakumar, M.E Mahindra General Manager,	Industrial Expert	Mahindra Research Valley, Mahindra & Mahindra Chennai. Email: nvijaay@gmail.com Mobile : 9840700268	<i>[Signature]</i> N. Vijayar
5.	Mr.P.Maniraj, M.E Software Engineer	Alumni	Senior Design Engineer – II (R&D CAD/Mesh) SimYog Technology Pvt. Ltd. Bangalore Email:p.maniraj5@gmail.com, Mobile: 9578787476	<i>[Signature]</i> P. Maniraj

Internal faculty Members of BoS			
S. No	Name of the Faculty	Designation	Signature
1.	Dr.S.Thangakasirajan	Associate Professor & Head / Mech – Convener	
2.	Dr.S.Senthil	Professor & Principal / Mech	
3.	Dr.P.Narayanasamy	Associate Professor / Mech	
4.	Dr. B. Balavairavan	Assistant Professor / Mech BoS Coordinator	
5.	Mr.R.Sakthivelmurugan	Assistant Professor / Mech	
6.	Dr. B. K. Parrthipan	Assistant Professor / Gen Engg	
7.	Mr. N. R. Madhan	Assistant Professor / Gen Engg	
8.	Dr. S. Muthu Natarajan	Assistant Professor / Gen Engg	
9.	Mr. D. Palani Kumar	Assistant Professor / Gen Engg	
10.	Mr. A. Sankara Narayana Murthy	Assistant Professor / Gen Engg	

010.01.00 : Welcome address by HoD

- Dr.S.Thangakasirajan, HOD/Mech welcomed all the expert members of the Board of studies and Faculty members of the Department of the Mechanical Engineering to the 10th BOS meeting.
- Dr.S.Thangakasirajan HoD/Mech Presented the Vision, Mission and PEO's and PSO's statements of Department of Mechanical Engineering to the BoS members

Vision	To make Department of Mechanical Engineering the unique of its kind in the field of Research and Development activities in the prominent fields of Mechanical Engineering in this part of the world.
Mission	To impart highly Innovative and Technical knowledge in the

Mission	field of Mechanical Engineering to the urban and unreachable rural student folks, through “TOTAL QUALITY EDUCATION”
Programme Educational Objectives (PEO's)	1: Graduates of the Programme will excel in technical knowledge and apply innovative skills in the field of Mechanical Engineering. 2: Graduates will contribute to the technological development and research activities through “Total Quality Education”. 3: Graduates of the Programme will accomplish the leadership Qualities and social responsibilities through “Life Long Learning”.
Programme Specific Outcomes (PSO's)	1: Graduates will be able to create and analyse the Research and Development activities related to design and manufacturing. 2: Graduates will be able to design, develop need based products in Mechanical Engineering and allied Industries.

01.02.00: Approval of 9th BoS Meeting Minutes & Action taken

- Dr.S.Thangakasi Rajan HoD /Mech given brief presentation of minutes of the 9th BoS meeting held on December 7, 2024 submitted for approval and action taken report of the 9th BoS meeting . The action taken report is given below.

Minutes Ref. no	Corrections & Modification suggested by experts	Action Taken
BOS 009.03.01	➤ Dr. V. Anandkrishnan and Dr. S. Supriya suggested that the title of the mathematics paper should be generalized to include all fundamental engineering math concepts in the first semester	During the 10 th Academic Council meeting held on 04.01.2025, the expert members recommended revising the curriculum and syllabus only after the release of the Anna University R2025 UG Curriculum

BOS 009.03.01	➤ Dr. V. Anandakrishnan and Dr. S. Denis Ashok suggested to remove the topic “Basic Geometric Shapes” from Unit 5 and classifying it as a non-examinable topic. ➤ Dr. V. Anandakrishnan opined that the topic "Perspective Projection of Cube" should be removed from Unit 5 and replaced with the topic "Perspective Projection of Squares, Rectangular Prisms, and Pyramids ➤ Mr. N. Vijayakumar suggested including a student activity titled “Role of Engineering Graphics in Domain-Specific Applications.” ➤ Denis Ashok stated that in the R2020 and R2021 curricula of KCET, Engineering Graphics was offered in the second semester. Due to delays in student admissions during the first semester and the complexity of the subject, offering Engineering Graphics in the second semester of the R2025 curriculum may be considered, if feasible.	and Syllabus. Accordingly, the preparation of the proposed KCET R2025 Curriculum and Regulations has been kept on hold. The valuable suggestions and recommendations provided by the Board of Studies (BoS) members will be duly considered and incorporated while preparing the proposed KCET R2026 Curriculum and Syllabus.
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- The members of the BoS resolved and approved the minutes of 9th BoS meeting.

010.03.00: ITEMS FOR DISCUSSION AND APPROVAL

010.03.01: Dr.S.Thangakasirajan HOD/Mech presented the highlights of the R2026 Regulations.

BoS Members Suggestions
Dr. A.Ananthamoorthy enquired about the no of credits for theory, Lab and Theory cum lab courses and he suggested that the curriculum should have minimum one TCP course in Each semester
Dr.R.Sarala suggested that student's internships may be planned on the semester holidays, special classes need to be conducted if Students go for internship in regular working days.
Mr.N.Vijayakumar and Mr.P.Maniraj suggested to incorporate the one credit courses related to recent trends in industries
Dr. Denis Ashok insisted that mandatory courses and Over and Above credit courses such as skill development courses and noncredit courses such as Audit courses should be mentioned in curriculum of each semester.

As per the suggestions from the BoS members, the HoD/ Mech resolved to incorporate all the suggestions in R2026 KCET Regulations.

010.03.02: Dr.S.Thangakasirajan HOD/Mech presented the proposed R2026 Mechanical Engineering curriculum and syllabus

Proposed Curriculum and Syllabi for R2026 Mech First Semester Courses

First Year – I Semester	
Name of the Course	Suggestions from BoS members
English for Professional Development - I	All BoS Members approved the Syllabus.
Calculus for Engineers	All BoS Members approved the Syllabus
Engineering Physics (TCP)	All BoS Members approved the Syllabus.
Environmental Science and Engineering	All BoS Members approved the Syllabus.
Dr. R.Sakthivelmurugan AP/Mech Presented the syllabus for “Design Thinking (TCP)” Course	Mr. N. Vijayakumar and Dr. Denis Ashok suggested to include the topics Basic Quality Principles, 5S, and Total Productive Maintenance (TPM) Principles in Unit I. Dr. R. Sarala suggested to incorporate the 5S-related projects into the Unit I laboratory content.

	Mr. P. Maniraj recommended to include the topics such as Introduction to Design Software and Artificial Intelligence (AI) in Unit IV, along with corresponding laboratory exercises. Dr. A. Anandha Moorthy suggested to include the case studies in all units and including case study-based projects as part of the laboratory content. Mr. P. Maniraj further suggested that the inclusion of topics such as Bioengineering, Biomimics, and an Introduction to the Design of Implants in Unit V would enhance students' knowledge across various interdisciplinary domains. Dr. Denis Ashok suggested to include topics such as Brainstorming of Innovative Ideas and Minimum Viable Products (MVPs) in the Design Thinking syllabus
Heritage of Tamils	All BoS Members approved the Syllabus.
Interpersonal skills, Psychometric Analysis and Career Development	All BoS Members approved the Syllabus.

010.03.03: Dr.S.Thangakasirajan HOD/Mech presented the proposed R2026 Mechanical Engineering Semester – II curriculum and domain specific courses.

First Year – II Semester	
Name of the Course	Suggestions from BoS members
Mr.D.Palanikumar AP/Gen.Engg presented the syllabus for the course “Engineering Graphics”	All BoS Members approved the Syllabus.
Fundamental core course (Dept Spec) Dr.S.Thangakasirajan, HoD/Mech Engineering, sought the opinion of the BoS expert members regarding the	All the BoS members unanimously agreed to offer Engineering Mechanics as the fundamental core course for both Mechanical Engineering and Mechatronics Engineering and Civil Engineering students in the Second Semester.

selection of Engineering Mechanics as a common fundamental core course for both Mechanical Engineering and Mechatronics Engineering students in the Second Semester.	
Modern Physics (Dept Spec)	All BoS members said to include the Engineering materials fundamentals in Physics syllabus. Mr.P.Maniraj suggested to include the topics “Electromagnetics” and “Optics” in the modern Physics syllabus. Dr. Denis Ashok and Dr.R.Sarala suggested to include the topic “Space Mechanics” in the modern physics Syllabus.
Dr.S.Muthunatarajan AP/Gen.Engg presented the Syllabus for the course “Foundation Lab”	All the BoS Members opined that the Name of this lab should be changed to “ Makers Space” Dr.A.Anandha Moorthy said to include the topics Limits, fits and, tolerances in Module I. Dr.A.Anandha moorthy suggested to change the title Screw Pitch Gauge into Pitch Gauge. Dr. Denis Ashok asked to include the sine bar, Slip gauge and its calibration, measurement of PCP boards and electronic tools in the Module I Dr.A.Anandha Moorthy suggested to incorporate the topic “ Basics of Inert Gases in the Module II Dr.R.Sarala, Dr.A.Anandha moorthy and Mr.N.Vijayakumar suggested to include the electronics related exercises such as “LED circuits, one way & two way switches, selection of sensors, soldering and DE soldering, Arduino board and Raspberry pi in the module II. Dr.A.Anandha moorthy insisted to include the house wiring circuit exercise on a Practice Switch Board (PSB) tests basic domestic electricity principles in Module -II

Based on the suggestions and recommendations of the BoS members, the HoD/Mech informed that all the suggestions were appropriately included in the R2026 First year second semester proposed syllabus.

010.03.04: List of NPTEL Courses (equivalence) offered for the students who are opting for Honours/alternative to professional elective courses (July- Oct 2026 session)

Sl.No	PROFESSIONAL ELECTIVE COURSES	NPTEL COURSE	Offered by	Duration
1	VME322 – Automation for Manufacturing	Automation in Manufacturing	IIT Guwahati	12 Weeks
2	VME341 – Fundamentals of Industry 4.0	Introduction To Industry 4.0 And Industrial Internet Of Things	IIT Kharagpur	12 Weeks
3	VME327 – Processing and Characterization of Composite Materials	Introduction to Composites	IIT Kanpur	12 Weeks
4	VME324 – Additive Manufacturing	Fundamentals of Additive Manufacturing Technologies	IIT Guwahati	12 Weeks
Sl.No	HONOURS COURSES	NPTEL COURSE	Offered by	Duration
1	VME314 – Drone Technology	Drone Systems and Control	IISC Bangalore	12 Weeks

- The BoS members suggested to check the difficulty level of courses on students perspectives and approved the course equivalence.
- The HoD/Mech also informed the Board that 25 III Year Mechanical Engineering students have enrolled in the NPTEL course "Introduction to Industry 4.0 and Industrial Internet of Things", a 12-week, 3-credit course. Since the NPTEL course covers the learning outcomes of the sixth-semester Professional Elective course VME341 – Fundamentals of Industry 4.0, the students requested permission to avail the NPTEL equivalence in place of the elective course.

- The BoS expert members reviewed the request and approved the NPTEL course as an equivalent to VME341 – Fundamentals of Industry 4.0. Accordingly, the students are permitted to complete the NPTEL course in place of the Professional Elective.

010.04.00 : ITEMS FOR RATIFICATION

BoS Co ordinator discussed about the list of items need for ratification from the BoS members.

010.04.01: Changes or corrections in the existing curriculum of R2021

Particulars/ Subject Code and Name	Existing	Corrections required
R2021		
Ratification for minor correction in the Course outcomes (CO's) for the course ME2301 - Design of Machine Elements	CO 1 - Explain the influence of steady and variable stresses in machine component design. CO5 - Explain the testing of mechanical properties.	The action verb “ Explain” need to be changed as “Demonstrate” The action verb “ Explain” need to be changed as “Describe”
Ratification for minor correction in the Course outcome (CO) for the course ME2254 - Theory of Machines	CO1 - Explain various components of mechanisms and its inversions used in machineries.	The action verb “ Explain” need to be changed as “Demonstrate”
Ratification for minor correction in the Course outcome (CO) for the course ME2255 - Thermal Engineering	CO5- Apply the working principles of refrigerating and air conditioning systems in calculating performance parameters.	Calculate air properties and refrigeration system performance using Psychrometric charts and refrigeration principles
Ratification for minor correction in the Course outcomes (CO's) for the course ME2251-Engineering	CO1- Explain the microstructure of steel and its classifications.	The action verb “ Explain” need to be changed as “Demonstrate”

Materials and Metallurgy		
Ratification for minor correction in the Course outcomes (CO) for the course ME2302 – Fluid Power Automation	CO1 - Explain the working principles of fluid power systems and hydraulic pumps. CO2 - Explain the working principles of hydraulic actuators and control components.	The action verb “ Explain” need to be changed as “Demonstrate” The action verb “ Explain” need to be changed as “Elucidate”
Ratification for minor correction in Course outcomes (CO) for the course ME2204 - Manufacturing Technology – I	CO2 -Explain the appropriate selection of welding process for the given situation, its construction and working principle. CO4 - Explain various sheet metal making processes.	The action verb “ Explain” need to be changed as “Elucidate” The action verb “ Explain” need to be changed as “Demonstrate”.

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

010.05.00: Information about

010.05.01: NBA Audit / status preparation and information

Dr.S.Thangakasirajan HOD/Mech, shared that “NBA TIER – I SAR is uploaded successfully on December 2025 and awaiting expert committee Visit”.

Dr.S.Thangakasirajan HOD/Mech shared that “External Academic Audit was conducted on 26.06.2026 to Assess NBA Preparedness and Tier-I 'P' Files. External Dr.M.Yuvaraja ASP / Mech, PSG College of Technology, Coimbatore acted as the expert member and verified the P files.

Strengths Appreciated during External Academic Audit

- A significant number of patents have been granted, demonstrating the department's strength in innovation and research culture.
- The department has maintained a commendable number of quality research publications.
- The active functioning of the professional society (IE(I) Student Chapter) was appreciated.

- Reasonable number of industrial visits have been organized to enhance students' industrial exposure.
- Detailed analysis of the academic cycle tests has been carried out, facilitating effective monitoring of student performance.
- Appreciated the availability of Faculty YouTube Video content.
- Inclusion of extracurricular activities in indirect assessment represents a good practice for holistic student evaluation.
- The department offers a good number of NPTEL courses with active participation from both faculty members and students.
- Integration of the Institutional Repository System (IRS) with the college website is a commendable initiative.
- Encouraging students to write the relevant Programme Outcomes (POs) in their laboratory records is an innovative practice that enhances awareness of Outcome-Based Education.

The members of the BoS Appreciated the HoD/Mech and department faculty members

010.05.02 : Value Added Courses offered if any

Specify the Value added courses conducted in the department.

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

Sl.No.	Name of the Course	Year	Offered by	Date	No of Students
1	CATIA	III/Mech	KARF Technovate	14.07.2025 to 19.07.2025	26
2	CNC tooling and Design	II/Mech	NTTF Bangalore	19.01.2026 to 24.01.2026	16

3	Internet of Things	II/Mech	NTTF Bangalore	19.01.2026 to 24.01.2026	9
Proposed List of Value Added Courses for upcoming Semester: CATIA, CNC Coding, GD&T,					

010.05.03 : Professional Electives (From Verticals) opted by III Year Students in V semester (R2021)

Dr.S.Thangakasirajan HOD/Mech Presented the list of professional elective courses opted by students (V Sem – ODD 2026-27) from verticals.

Sl.No	Name of the professional Elective Vertical	Subject code& Name	No.of students opted
1	DIGITAL MANUFACTURING	VME327 – Processing and characterization of Composite Materials	25
2	ADVANCED PRODUCT DESIGN	VME311 – New Product Development	25
3	ADVANCED PRODUCT DESIGN	VME324 – Additive Manufacturing	25

BoS members approved the same.

010.05.04: Number of Students doing Honours & Minors in its respective courses

Dr S. Thanga Kasi Rajan, HoD/Mech, presented the list of students opted for Honours degree and the respective courses opted by third year students (5thSem – ODD 2026-27) to the BoS Members.

Sl.No	Honours	Unique code	Subject code& Name	No.of students
1	Honours	Hs 1-1	VME313 – Piping Design	6
		Hs 1-2	VME314 – Drone Technology	6

The BoS members appreciated and congratulated the students.

Number of Students doing Minors and its respective courses

Dr. S.Thanga Kasi Rajan HoD/Mech, Presented the Minor degree opted and their respective courses by third year students to the BoS Members.

Sl.No	Minors	Unique code	Subject code& Name	No.of students
1	Minor degree in Computing Technology	M 1 - 1	MCS101 – Fundamentals of Data Structures	1
2		M 1 - 2	MCS102 – Database Essentials	1

BoS members appreciated the efforts taken by Institution and Department for offering honours and Minor degree courses to the students.

Item No.	Description	Suggestions / Comments from the BoS Members
010.05.05	Pass Percentage of students.	Dr.S.Thanga Kasi Rajan HoD/Mech, Presented the students performance in End semester examinations held on Nov/Dec 2025 (ODD Semester) year-wise and course-wise. BoS members appreciated the students and faculty members.
010.05.06	Value Added Courses offered/ Planned for the academic year: 2026 – 2027 (III Year students – ODD Semester).	Dr.S.Thanga Kasi Rajan HoD/Mech Presented the Value added course planned for the academic year 2026-27. BoS members approved to conduct the course CATIA. They also suggested some value added courses for next academic year: Lab view, Computational fluid dynamics, Image processing and coding. HoD/Mech accepted to offer the same.
010.05.07	Student Internship details	Dr S. Thanga Kasi Rajan, HoD/Mech, shared

	(between 9 th and 10 th meeting)	the statistical data of student internship/in-Plant training details for R2021. The BoS members appreciated the same
010.05.08	Student co-curricular and Extracurricular activities , Placement and Professional Society activity	Dr. S. Thanga Kasi Rajan, HoD/Mech, shared the students' achievements in co-curricular and extra-curricular activities for the academic year 2025–2026. Dr. S. Thanga Kasi Rajan, HoD/Mech, expressed his happiness in announcing that the department achieved 100% placement for the students who graduated in 2026. Dr. S. Thanga Kasi Rajan, HoD/Mech, also informed the members that the Institution of Engineers (India) Students Chapter was established in the Department of Mechanical Engineering for the tenure March 2026 to March 2027. Dr. S. Thanga Kasi Rajan, HoD/Mech, further shared that the Department of Mechanical Engineering received grants of ₹20,000 and ₹65,000 from the Institution of Engineers (India), Madurai Local Centre, for conducting an All India Seminar and a Research Project, respectively. The BoS members appreciated the department efforts and Faculty members and Students.

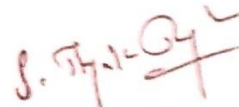
010.06.00 : Any other Item

Nil

010.07.00 : Vote of Thanks

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


BoS Coordinator
(Dr. B.Balavairavan)
AP / MECH


BoS Chairman
(Dr.S.Thanga Kasi Rajan)
ASP & HoD / MECH.