



**SRI RAMAKRISHNA
ENGINEERING COLLEGE**

[Educational Service : SNR Sons Charitable Trust]
Vattamalaipalayam, N.G.G.O. Colony Post,
Coimbatore – 641022.

www.srec.ac.in
+917530089996



Twenty Fourth Academic Council Meeting

AGENDA

*Date: 02nd May 2026 @ 11:00 am
Auditorium Board Room*

- Welcome Address- Chairperson 24th Academic Council
- Presentation - Chairperson
- Presentation – Director – Quality Initiatives
- Presentation – CoE
- Comments from the expert members
- Resolutions for the approval and ratification
- Vote of Thanks – Dean - Academics


CHAIRPERSON

Twenty Fourth Academic Council Meeting

Date: 02nd May, 2026

Time: 11.00 AM

AGENDA AND NOTES



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PREAMBLE

Salient achievements in the academic year 2025-2026

- ✦ Sri Ramakrishna Engineering College (SREC), Coimbatore has been recognized our Institution has received the QS I-GAUGE overall rating as DIAMOND. This prestigious recognition is a testament to the collective efforts, dedication, and commitment of our faculty members, students, and all stakeholders
- ✦ SREC has been received the recognition for its commendable performance in the category of “Engineering Institutions/Colleges” during IEI Excellence Award Function 2025, 19th December 2025 at the National Institute of Technology Durgapu .
- ✦ SREC has been recognized as part of The Institution of Happiness (IOH) 2025–26, a prestigious flagship initiative by QS I-GAUGE. The Institution of Happiness (IOH) celebrates the well-being and happiness quotient of educational institutions across India. This recognition reflects our continuous commitment to nurturing a positive, inclusive, and emotionally supportive learning environment—one where students, faculty, and all stakeholders flourish together.
- ✦ Sri Ramkrishna Engineering College has been selected under the “Diamond Category” for the CII Industry Academia Partnership Award 2025 for the second concecutive year. This top recognition is a testament to the institute continued commitment to fostering strong industry–academia collaboration and driving excellence through innovation.
- ✦ SREC student team’s idea has been approved under the MSME Idea Hackathon 5.0 with “1 idea” part of the MSME Innovative Scheme (MSME Champion Scheme) for Prototype development & incubation support with the cumulative value of Rs.15 lakhs.
- ✦ Our NCC cadet Sergeant Ayush, a Second-Year Aeronautical Engineering student, has brought great pride to us by being selected for the Republic Day Camp (RDC) 2026 Parade under the Best Cadet category from the Tamil Nadu NCC Directorate. After successfully clearing multiple levels of rigorous selection, he has proudly marched at Rajpath, New Delhi, representing excellence, discipline, and leadership. Adding to this remarkable achievement,

he has also been selected for the prestigious NCC Youth Exchange Programme (YEP), where he will represent the nation in foreign countries.

- ⇒ Sri Ramakrishna Engineering College (SREC), Coimbatore, proudly inaugurated the 36-hour Israel–India Global Innovators Hackathon 2026, in collaboration with Ariel University, Israel and Promitei Ltd., Israel. With an overwhelming response, 540+ teams and 1,400+ student innovators from across the country registered to compete across three cutting-edge tracks: Cyber Resilience, Sustainability Engineering for Pharma & Biotechnology and Diversified Innovations.
- ⇒ SNR Sons Charitable Trust – Sri Ramakrishna Engineering College has received the Recognition for Excellence Awards in Assessment from the Cambridge University Pres & Assessment 2025 during the Annual Coordinators Conference 2025.
- ⇒ SREC has signed MoU with
 - ERNET India
 - UNISYS INDIA Private Limited
 - Tripartite MoA
 - Anveshak Hub Private ltd
 - Laser Technologies Pvt Ltd
 - RoboRAM Technologies & Education
 - Anveshak Hub Private ltd
 - Selsoft Inc
 - Lakshmi Precision Technologies Limited
 - VGM Soft Tech
 - Benchmarrk
 - NISM
 - Blue Equator Leadership, Innovation and Entrepreneurship Foundation (BELIEF) 2026
 - Scientific & Industrial Testing and Research Centre(SITARC)
 - DAIT(Dhaanish Ahmed Institute of Technology)

- Maxbyte Technologies Services Private Limited
- M/S Hirotec India limited
- International Sustainable Smart Cities Research Association

- ⇒ Karthika V., IV Year CSE student participated in the South Zone Inter-University Women's Tennis Tournament organized by Jain University, Bangalore from 25th to 29th December 2025 and secured the Fourth Place in the tournament
- ⇒ Sanjai S., II M.Tech CSE student participated in the All India Inter-University Men's Taekwondo Tournament organized by DAV University, Jalandhar, Punjab from 16th to 20th March 2026.
- ⇒ R. Tejashri, II Year BME student participated in the All India Inter-University Women's Taekwondo Tournament organized by Fakir Mohan University, Balasore, Odisha from 16th to 20th March 2026.
- ⇒ Ms. R. Tejashri, II Year BME participated in Taekwondo (Women) and secured the Bronze Medal at Kongunadu College of Engineering & Technology, Namakkal on 13th December 2025
- ⇒ Mr. Yashwanth R, III Year Mechanical Engineering participated in Athletics (800m & 200m) and secured Gold and Bronze Medals at Kongunadu College of Engineering & Technology, Namakkal on 13th Dec 2025
- ⇒ Ms. Karthika V, IV Year Computer Science and Engineering represented our institution in the prestigious Khelo India University Games 2025 organized by the Government of India.
- ⇒ Subhashika B., I Year B.Tech IT represented the Tamil Nadu Junior Girls Roller Hockey Team in the 63rd National Roller Skating Championships held at Visakhapatnam from 5th to 15th December 2025, bringing laurels to our institution by winning the Silver Medal.

Members of the Twenty Fourth Academic Council

1.	Dr. A. Soundarrajan, Principal	Chairperson
2.	Dr. M. Arivanandhan, Professor, Department of Nanoscience and Technology, Anna University, Chennai.	University Nominee
3.	Dr. T. Senthilkumar Professor/Automobile Engineering and Dean, Anna University Regional Campus, Tiruchirappalli.	University Nominee
4.	Dr. M. C. Sundarraja Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai.	University Nominee
5.	Ms. Elizabeth Puthran Puthran & Associates, Chennai.	Expert Nominee
6.	Dr. R.Chitra Founder and CEO, Delving Research and Development Private Limited, Coimbatore.	Expert Nominee
7.	Dr. T.R.Nanda Kumar, Cardiologist, Sri Ramakrishna Hospitals, Coimbatore.	Expert Nominee
8.	Mr. A. Dhananjayan, Chartered Accountant, A.Arjunaraj and Co., Coimbatore.	Expert Nominee
9.	Mr. P Maheshkumar, Founder and Chief Advocate, M/s. Wallcliffs Law firm, Coimbatore.	Expert Nominee
10.	Dr.S.Jayanthi, Professor/ECE and Dean – Academics	Member
11.	Dr.H.Mangalam, Professor/ECE and Dean – Administration	Member
12.	Dr. A.Grace Selvarani, Chair Person/ M.Tech CSE (5 yrs Integrated) & Director – Quality Initiatives	Member

13.	Dr. P.Karuppuswamy, Chair Person/MECH	Member
14.	Dr.S.Allirani, Chair Person/EEE	Member
15.	Dr.M.Jagadeeswari, Chair Person/ECE	Member
16.	Dr. R.Shanmugasundaram, HoD /EIE	Member
17.	Dr. M. S. Geetha Devasena, Chair Person/ CSE	Member
18.	Dr.N.Susila, HoD /IT and CoE	Member
19.	Dr. N.Sathish Kumar, Chair Person/BME	Member
20.	Dr.A.Murugarajan, Chair Person/RAE	Member
21.	Dr. P. Chandramohan, Chair Person/AERO	Member
22.	Dr.E.Sarojini, Chair Person/CIVIL	Member
23.	Dr. V.Karpagam, Chair Person/AI&DS	Member
24.	Dr.P. Moorthi, Chair Person /M.Tech-NANO	Member
25.	Dr. R. Mary Metilda, Chair Person/MBA	Member
26.	Dr.A.Sakthivel, Professor/EEE and Chair Person/S&H	Member
27.	Dr.J.Anitha, Professor/AI&DS	Member
28.	Dr.T.Velmurugan, Associate Professor/MECH	Member
29.	Dr.C.Praveen Kumar, Assistant Professor(Sl.G) /EEE	Member
30.	Dr.N.Saranya, Assistant Professor(Sl.G)/IT	Member
31.	Mr. S.Sujan, EEE	Student Member
32.	Mr. M. Harisudhan, IT	Student Member
33.	Mr. M. Palaniappan, MECH	Student Member
34.	Ms. B. Naveena / M.Tech Nanoscience	Student Member
35.	Dr.B.Nataraj, Associate Professor/ECE and Associate Dean – Academics	Member Secretary

The Chairperson to welcome all the members for the 24th Academic Council Meeting

- *Presentation by the Chairperson – Academic Council*
- *Presentation by the Director – Quality Initiatives*
- *Presentation by the COE*
- *Discussion on the presentation by the Chairperson, Director – Quality Initiatives and COE*

ITEM No.1

Resolution for the approval of the existing regulations for the academic year 2026-2027.

ITEM No.2

Resolution for the approval of the decisions taken for the following of Absolute Grading System and award of letter grades for the students who had joined B.E./B.Tech programmes from the academic year 2025-2026 and onwards.

ITEM No.3

Resolution for the approval that PG Regulation 2026 (Outcome based Curriculum through Choice Based Credit system) will be followed for all the M.E./M.Tech programmes for students admitted in the Academic Year 2026 - 2027 & onwards.

ITEM No.4

Resolution for the approval of the decisions taken in the various Board of Studies of B.E./B.Tech/M.Tech(Int) programmes under SREC Regulations 2025 for the curriculum and syllabi for the V and VI semesters.

ITEM No.5

Resolution for the approval of the decisions taken in the various Board of Studies of M.E./M.Tech programmes under SREC PG Regulations 2026 for the curriculum and syllabi for the I semester.

ITEM No.6

Resolution for the approval of the decisions taken in the Board of Studies of MBA programme under SREC MBA Regulations 2026 for the curriculum and syllabi for the new courses.

ITEM No.7

Resolution for the approval of the results passed in the Result passing board for the Nov/Dec 2025/Jan 2026 Examinations.

ITEM No.8

Resolution for the approval for the ratification of the following students who had undergone Honors/Minors courses during the odd semester of the academic year 2025-2026 as per the 30th Academic Council of Anna University, Chennai circular dated 28.11.2023 Lr. No. 4069/AU/CAC/Reg2023.

Programmes	Specialization / Minor Courses	Category	2022 – 2026		2023 - 2027	
			Count*	Count**	Count*	Count**
Mechanical Engineering	Robotics	Honours	2	–	4	2
Electrical and Electronics Engineering	Electric Vehicles	Honours	6	7	11	4
Electronics and Communication Engineering	Internet of Things	Honours	20	4	20	–
Computer Science and	AI/ML	Honours	16	5	17	2

Engineering	AR/VR	Honours	2	—	9	—
	AI/ML	Minor	6	2	7	1
Information Technology	Cyber Security	Honours	9	2	12	1
Electronics and Instrumentation Engineering	Sensors Technology	Honours	7	4	10	—
		Minor	5	—	—	—
Aeronautical Engineering	Drone Technology	Honours	—	—	5	5
Civil Engineering	Green Technology	Honours	5	2	8	1
Artificial Intelligence and Data Science	Intelligent systems	Honours	8	2	2	—
TOTAL			86	28	105	16

* Eligible for Honors/Minors as per Anna University Guidelines.

** Eligible for certification by Centre for Continuing Education of SREC.

ITEM No. 9

Resolution for the approval for the ratification of the students who had undergone Mandatory courses be approved in various B.E./B.Tech/M.Tech(Int) programmes under SREC Revised Regulations 2020.

ITEM No. 10

Resolution for the approval for the ratification of the students who had completed 4/6 weeks of internship/inplant training be approved for the student in various B.E./B.Tech/M.Tech(Int) programmes under SREC Revised Regulations 2020.

ITEM No.11

Resolution for the approval of the candidates who have been readmitted during the academic year 2025-2026 in the respective semester as per the approval from the Directorate of Technical Education.

S.No	Name and Roll No	Department	Semester & Year of Admission
1	Mr. MONISH KUMAR R & 71812202140	ECE	VI Sem / 2025
2	Mr. RAGUL GOVINDARAJU & 2010060	RA	VI Sem / 2025
3	Mr. TAMILKUMARAN M & 71812409040	CIVIL	II Sem / 2025

ITEM No.12

The Chairperson to inform the members about the communications received from Directorate of Technical Education

S.No	Communication Received from apex body	Explanatory Note
1.	Technical Education – Engineering Colleges Readmission – 2025 – 2026 – Even Semester (II/IV/VI,VIII, X) – Readmission orders Issued - Reg. Letter No. 2406/JI/2025 dated 04.03.2026	Readmission of students for AY 2025 - 2026
2.	Technical Education – Engineering Colleges - Admission to PG (MBA/MCA/ME/M.Tech/ M.Arch/M.Plan/M.Sc)/B.Sc Degree Courses 2025 – 2026 – Verification of Original Certificates – Admission Approved Accorded - Reg. Letter No. 039378/J1/2025 dated 27.10.2025	Admission Approval of PG Degree Courses for the academic year 2025 – 2026
3.	Technical Education – Engineering Colleges -	Admission Approval of

	Admission to First Year UG B.E./B/Tech/ B.Arch Degree Courses – Verification of Original Certificates – Admission Approved Accorded - Reg. Letter No. 041520/J2/2025 dated 2025	UG Degree Courses for the academic year 2025 – 2026
4.	Technical Education – Engineering Colleges – 2025 – 2026 - Admission to Lateral Entry (Direct Second Year) B.E./B/Tech Degree Courses – Verification of Original Certificates – Admission Approved Accorded - Reg. Letter No. 035701/J2/2025 dated 03.11.2025	Admission Approval of Lateral Entry Students for the academic year 2025 – 2026
5.	Anna University - Anna University – Absolute Grading System - Reg. Letter No. AU/CAC/Absolute Grading/02 / 2025 – 26 dated 27.03.2026	Follow of Absolute Grading System for the evaluation and passing of results

ITEM No.13

Comments from External Members

ITEM No.14

Any other related matter with permission of the Chairperson

ITEM No.15

Vote of Thanks – Dean – Academics

Dr. A. SOUNDARRAJAN
CHAIRPERSON



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Minutes of the 24th Academic Council Meeting of Sri Ramakrishna Engineering College held on 02nd May 2026 at 11.00 am.

The following members were present for the meeting

1.	Dr. A. Soundarrajan, Principal	Chairperson
2.	Dr. M. Arivanandhan, Professor, Department of Nanoscience and Technology, Anna University, Chennai.	University Nominee
3.	Dr. T. Senthilkumar Professor/Automobile Engineering and Dean, Anna University Regional Campus, Tiruchirappalli.	University Nominee
4.	Dr. M. C. Sundarraja Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai.	University Nominee
5.	Dr. R.Chitra Founder and CEO, Delving Research and Development Private Limited, Coimbatore.	Expert Nominee
6.	Dr. T.R.Nanda Kumar, Cardiologist, Sri Ramakrishna Hospitals, Coimbatore.	Expert Nominee
7.	Mr. A. Dhananjayan, Chartered Accountant, A.Arjunaraj and Co., Coimbatore.	Expert Nominee
8.	Dr.S.Jayanthi, Professor/ECE and Dean - Academics	Member
9.	Dr.H.Mangalam, Professor/ECE and Dean - Administration	Member
10.	Dr. A.Grace Selvarani, Chair Person/ M.Tech CSE (5 yrs Integrated) & Director – Quality Initiatives	Member
11.	Dr. P.Karuppuswamy, Chair Person/MECH and Vice- Principal	Member

12.	Dr.S.Allirani, Chair Person/EEE	Member
13.	Dr.M.Jagadeeswari, Chair Person/ECE	Member
14.	Dr. R.Shanmugasundaram, Chair Person/EIE	Member
15.	Dr. M. S. Geetha Devasena, Chair Person/ CSE	Member
16.	Dr.N.Susila, Chair Person /IT and CoE	Member
17.	Dr. N.Sathish Kumar, Chair Person/BME	Member
18.	Dr.A.Murugarajan, Chair Person/RA	Member
19.	Dr. P. Chandramohan, Chair Person/AERO	Member
20.	Dr.E.Sarojini, Chair Person/CIVIL	Member
21.	Dr. V.Karpagam, Chair Person/AI&DS	Member
22.	Dr.P. Moorthi, Chair Person /M.Tech-NANO	Member
23.	Dr. R. Mary Metilda, Chair Person/MBA	Member
24.	Dr.A.Sakthivel, Professor/EEE and Chair Person/S&H	Member
25.	Dr.J.Anitha, Professor/AI&DS	Member
26.	Dr.T.Velmurugan, Associate Professor/MECH	Member
27.	Dr.C.Praveen Kumar, Assistant Professor(Sl.G)/EEE	Member
28.	Dr.N.Saranya, Assistant Professor(Sl.G)/IT	Member
29.	Mr. S.Sujan, EEE	Student Member
30.	Mr. M. Harisudhan, IT	Student Member
31.	Mr. M. Palaniappan, MECH	Student Member
32.	Ms. B. Naveena / M.Tech Nanoscience	Student Member
33.	Dr.B.Nataraj, Associate Professor/ECE and Associate Dean - Academics	Member Secretary

ITEM No.01

The Chairperson welcomed all the Academic Council Members to the 24th Academic Council meeting.

ITEM No.2

The Chairperson recorded the message by Mr. P Maheshkumar and Ms. Elizabeth Puthran, Expert Nominees of their absence for the meeting.

ITEM No.03

The Chairperson made a presentation on the different activities and developments of the institution and the progress made for the academic year 2025 – 2026, since the 23rd Academic Council held in December 2025.

⇒ Introduction of the members of the 24th Academic Council Meeting.

➤ DISCUSSION ON THE MINUTES OF 23rd ACADEMIC COUNCIL MEETING

➤ Dr. M. C. Sundarraja, University Nominee enquired about any international conferences scheduled for the academic year 2025–2026.

- IEEE Technically Co-Sponsored International Conference on “Advances in Engineering and Computing Technologies for Sustainable Development” (AECTSD 2025) was organized on 12th and 13th December 2025.
- International Conference on “Materials and Processing for Sustainable Development: Empowering the Future with Smart Technologies” (MPSD-EFT 2026) was organized on 13th and 14th February 2026.

➤ Dr. M. C. Sundarraja, University Nominee sought information about the workshops and consultancy activities undertaken by the Civil Engineering programme. He recommended strengthening the consultancy efforts within the department.

- Civil Engineering department undertook 6 consultancy projects worth Rs. 1,92,500 and provided testing services to 11 companies amounting to Rs.62,599.

➤ Dr. M. C. Sundarraja, University Nominee suggested publishing articles in peer-reviewed journals to enhance the h-index and citation count.

- The institution has significantly improved its performance, with the Scopus h-index increasing from 54 to 57, cumulative citations rising from 18,600+ to 21,000+, and WoS h-index improving from 43 to 47, along with a substantial increase in overall publications and citations.

➤ Dr. M. C. Sundarraja, University Nominee enquired about the low pass percentage in the Mechanical and Civil Engineering programmes during the 4th semester of the academic year 2024–2025.

- Mechanical and Civil Engineering departments have implemented remedial classes, additional tutorial sessions, and continuous academic monitoring, and the impact of these measures is expected to be reflected in the upcoming May examination results.

➤ Dr. M. Arivanandhan, University Nominee, suggested organizing more events focused on sustainable development and quantum technologies, and recommended inviting greater participation from other institutions.

- Sustainable Development: The institution organized around 10 SDG-focused activities through the SDG Club and also secured a position among the Top 10 institutions in the UNSDC – Fortune 100 rankings.
- Quantum Technologies: The institution conducted an AICTE-ATAL Faculty Development Programme on “The New Age of Quantum Computing: Advancements, Applications, and Future Prospects” from 08th to 13th December 2025 with participation from external institutions.
- Milestones of the institution and various recognitions for the academic year 2025 – 2026 was presented.
 - SREC was recognized with the QS I-GAUGE DIAMOND Overall Rating.
 - SREC has been recognized as part of The Institution of Happiness (IOH) 2025–26 by QS I-Gauge.
 - SREC secured a position among the Top 10 institutions in the UNSDC – Fortune 100 rankings, highlighting its commitment to sustainable development goals.
 - SREC was approved under MSME Idea Hackathon 5.0 with one student idea receiving funding support of ₹15 lakhs for prototype development under the MSME Innovative Scheme.
 - SREC was proud to have its NCC Cadet selected for the Republic Day Camp (RDC) 2026 Parade under the Best Cadet category, and further selected for the prestigious Youth Exchange Programme (YEP) representing the nation internationally.
 - SREC established a Common Computing Facility – Dr. R V 3D Centre (Design, Develop & Deploy), providing advanced computational infrastructure to support interdisciplinary learning, design, simulation, and product development.
- Chairperson – Academic Council presented the details of Memorandum of Understanding with various organizations since December 2025.
 - ♥ Education and Research network of India (ERNET) India
 - ♥ UNISYS INDIA Private Limited
 - ♥ Anveshak Hub Private Ltd & Laser Technologies Pvt Ltd
 - ♥ RoboRAM Technologies & Education
 - ♥ Anveshak Hub Private Ltd

- ♥ Selsoft Inc
- ♥ Lakshmi Precision Technologies Limited
- ♥ VGM Soft Tech
- ♥ Benchmarrk
- ♥ The National Institute of Securities Markets (NISM)
- ♥ Blue Equator Leadership, Innovation and Entrepreneurship Foundation (BELIEF) 2026
- ♥ Scientific & Industrial Testing and Research Centre (SITARC)
- ♥ DAIT (Dhaanish Ahmed Institute of Technology)
- ♥ Maxbyte Technologies Services Private Limited
- ♥ Fragomen Immigration Services India Pvt ltd
- ♥ M/S Hirotec India limited
- ♥ International Sustainable Smart Cities Research Association
- ♥ International Education Specialists (IDP) Education
- ♥ National Chung Cheng University (CCU), Taiwan

⇒ Chairperson – Academic Council briefed about the various events and activities conducted since last academic council meeting.

⇒ Chairperson – Academic Council presented the activities of Centre for Continuing Education (CCE) since December 2025 and the number of beneficiaries.

Sl. No	Date of the Event	Name of the Department	Title of Event	Target Audience	No of Beneficiaries
1	20.12.2025 - 27.12.2025	AIDS	AI Unpleased (FDP)	Faculty	10
2	26.03.2026	Mech	Hands on session on programmable logic controller (PLC)	SREC Students	96
3	01.04.2026	Mech & RA	Session on 3D printing and its application	School students	23
4	28.01.2026 29.01.2026	BME	Two days national level skill deelopment programme	Supporting staff, Internal & External	48
5	04.03.2026 - 06.03.2026	EEE	Online Webinar series on Industry 5.0: AI Based Control of Power Electronics Converters	Faculty	50
6	09.12.25 10.12.2025	TANCAM & SoDT	Two day outbound training program	Academic Leaders	20

7	06.01.2026	Library	Refresher training on turnitin iThenticate 2.0(AI)	UG students	70
8	06.02.2026	Library	User awareness training for web of science and endnote	UG students	25
9	26.02.2026	RA	Hands on workshop - A practical project based learning approach	UG students	40
10	11.04.2026	Library	Guest Lecture on Publishing in High -Impact Journals : Best practices and Roadmap	Staffs & Research scholars	50
11	11.03.2026	EEE	Hands on Session on MBSD with AI Integration	SREC Students	45
12	28.03.2026	Civil	Workshop On Advanced Surveying (DGPS)	SREC Students	60
13	26.03.2026 27.03.2026	EIE	Inno Blitz 2.0	External students	450
14	26.02.2026	RA	One day Hands-on training Workshop on problem to publication: A practical project-based learning approach	SREC Students	28
15	14.02.2026	RA	One -day Skill Development Program on Industrial Controllers for Automation (PLC and SCADA)	SREC Students & Faculty	32
16	13.03.2026 14.03.2026	BME	MEDICATHON	Internal & External students	130
Total					1,177

☞ Chairperson – Academic Council also briefed about the faculty profile, details of Research & Development activities, Publications and Patents filed by the faculty members to the members of the 24th Academic Council.

○ Faculty Profile since last Academic Council

- New faculty recruited : 11/280
- Ph. D completed : 5/149

○ SWAYAM-NPTEL

- Toppers – 12
- Elite + Gold – 05
- Elite + Silver – 05

- Believers - 01
- Motivated Learners - 04
- Domain Scholars - 02
- Star Participants - 07
- Discipline Stars - 10
- Research and Development
 - Scopus publications & citations
 - Calendar Year 2025: 450 & 5,390+
 - Calendar Year 2026: 124 & 1,690+
 - Cumulative SREC citations : 21,000+
 - h-index: 57
 - Author h-index highest: 21
 - Author citations highest: 1,517
 - WoS publications & citations
 - Calendar Year 2025: 161 & 2,590+
 - Calendar Year 2026: 30 & 800+
 - Cumulative SREC citations : 11,320+
 - h-index: 47
 - Institutional Fellowships (PhD): 8
 - Government Fellowships : 2 (MoM:1 and UGC: 1)
 - New JRFs under funded projects: 1 (MoM)
- Funded Projects
 - Funded Projects (Amount Sanctioned) : 4,40,58,360/-
 - Funded Projects (Amount Received) : 3,01,55,250/-
 - All India Council of Technical Education
 - Ministry of Mines (Science & Technology)
 - Ministry of Micro, Small & Medium Enterprises, Government of India
 - Tamilnadu State Council for Science and Technology
 - Defence Research and Development Organisation
 - Council of Scientific & Industrial Research
 - University Grant Commission

- Rs. 11.8 Lakhs revenue generated through License for Technology Transfer of ReFeuse™ Aluminium Technology to TENNECO, Bangalore
- Patents
 - Patents granted : 103
 - AY 2025 -2026 : 26
- ⇒ Briefed the various accolades by the faculty members and students, placement statistics, Curriculum Flexibility and ongoing collaborative research activities with industries by the institution.
- Faculty Achievements
 - Women's Icon Award presented to Dr. M. Blessy Doe, Assistant Professor / MBA for being a Future-Ready Educator in Management Studies during an International Women's Day celebration on 7th March, 2026.
 - Dr. R. Pandeewari, Assistant Professor (Sr.G), received the “Panuval Ratna – 2026” from Vaagai Tamil Sangam, Namakkal, Tamil Nadu, India, on 29th March 2026. Notably, she has been honored with this award for three consecutive years.
 - She also received the "Kavi Chemmal Award – 2025" from Vaagai Tamil Sangam, Namakkal, Tamil Nadu, India, on 30th December 2025.
- Students Achievements
 - RIVALS 2026 - Off-Road Retrofit Bike, Department of Mechanical Engineering - Overall Runners
 - SAE INDIA - Dr. G. Padmanabham Memorial Electric Two-Wheeler Design Competition 2026 - Department of Mechanical & ECE - Best Innovation Award
 - National-Level Go-kart Design Challenge (GKDC) - Department of Mechanical Engineering = Overall Runner-up – Rs. 30,000/-
 - TANCAM TNWISE – 2026 - Department of Biomedical Engineering - First Prize – Rs. 1,00,000/-
 - Bharat Nav-Nirmaan Challenge - Department of Civil Engineering - Second Runner-Up - ₹1 Lakh worth course & voucher
 - INNOHACK'26 – 48 Hour Hackathon - Department of Computer Science & Engineering - Second Place – ₹30,000 Cash Prize

- SDG Hackathon – VELTECH VISAI - Department of Civil Engineering - First Prize – ₹16,000 Cash Prize (Two Teams)
- IIT Madras - Ideas to Impact Challenge - Department of Civil Engineering - One among the 40 teams out of 800 teams
- Mr. Suraj H (III Year, B.E. EIE) - Dr. Kalam Young Achiever Award 2025
- Industry Connect Hackathon 2026 - Department of Computer Science & Engineering - First Prize – Rs. 30,000/-
- 13 students from Department of Biomedical Engineering, 1 student from Electrical and Electronics Engineering and 3 students from Civil Engineering had achieved GATE score.
- Joshua, II Year M.Tech CSE- Memento Public Bug Bounty Program - Rank #1 – \$350 Total Bounty Earned
- Student Accolades – Sports 2025-2026 - *Dec 2025 to April 2026*
 - No. of Players who won at National and International levels : 01
 - No. of Players Participated in Southwest Zone Inter-University : 03
 - No. of Players who won in Anna University Inter Zonal Tournaments: 02
 - No. of Players who won in Open Tournaments : 32
 - No. of Teaching & Non-Teaching Staff who won in various Tournaments: 69
 - No. of Tournaments organized by the Department : 05
 - Nivetha S (I Year B.Tech AI & DS – Rs. 2,00,000), B. Subhashika (I Year B.Tech IT – Rs. 1,00,000), and Lee Sre Samrat S. R. (I Year B.E. Mechanical Engineering – Rs.1,50,000) were awarded cash prizes and honored at the “Champions of Tamil Nadu” event on 18th February 2026 by the Sports Development Authority of Tamil Nadu.
- Placement Record

Particulars	Batch 2021 - 2025	Batch 2022-2026
Total Number of Students Registered	978	1091
Total Number of Students Eligible	718	831
Total Number of Offers	849	640*
Total Number of Unique Offers	612	573*
No. of Drives	170+	200+
Maximum Salary INR	16 LPA	24 LPA
Average Salary INR	5.5 LPA	6 LPA

- Curricular Flexibility
 - Direct Self-Study
 - 2023 – 2027 : 571
 - NPTEL Online Credit Transfer
 - 2022 – 2026 : 100
 - 2023 – 2027 : 271

↗ Consultancy

S. No	Department	Client Organization	Title of Project	Sanctioned INR	Revenue Received INR
1	MECH	KSPG Automotive (BU Bearings), Pune	AI based Surface Defect Inspection System	30,09,000	30,09,000
2	CSE / ECE	SEYON Engineering Services	Virtual Walkthrough of a Process Plant (Phase-II)	6,00,000	1,50,000
3	NANO	SLB-SREC Elastomer Lab	Engineering Services and Space rent	1,05,15,362	1,02,73,640
4	EIE / MECH / CSE	Roots Multiclean Private Limited, Coimbatore	AI based Vision - Part Identification System	5,72,300	5,72,300
5	CSE, IT and AI & DS	GE Healthcare Consultancy Project	AI Agent 24/7 Traffic Controller (ICU Patient Flow Coordinator) A goal-driven AI Agent - Sepsis Rapid Response Agent (Care Pathway Transformation) MCP for Hospital Data	4,13,000	4,13,000
6	CoIN & EEE	TNSDC and CUFI Mobility consulting Private limited	EV Skill Training	6,88,550	5,85,000
7	CSE	Coimbatore Medical College Hospital	Stroke Identification using Deep Learning Models on CT Images	1,00,000	1,00,000
8	CoIN	Capgemini Technology Service	Automotive Innovation Centre	6,01,800	5,50,800

9	EEE	QuantiumNique Solutions Pvt ltd	AI-Driven Anomaly Detection and Control in Resonant C-DC Converters	4,23,250	1,82,250
10	R&A	Hirotech Inia Pvt Ltd	Robotic Training Cell - Fanuc Robot with 210 Kg Payload interfaced with Material Handling, Hemming, MIG Welding and Spot Welding Stations	11,80,025	11,80,025
Total				1,81,03,287	1,70,16,015

⇒ Chairperson – Academic Council briefed about the proposals for the academic year 2026 – 2027

- NBA Reaccreditation – Aeronautical Engineering, Biomedical Engineering, Civil Engineering, Master of Business Administration
- NBA Accreditation – Artificial Intelligence & Data Science
- Quality system – Upgrade to ISO 21001:2018 EOMS (Educational Organizations Management System)
- Campus Digital automation: New LMS Learning Management System is to be implemented covering all academic process
- AI Initiatives: In R2025, for all the programs, a minimum of 2 AI related courses are introduced. Faculty were trained to use AI tools in Teaching Learning process.
- UGC autonomous Status Extension – Submitted the application in February 2026.
- Infrastructure Upgrades: Indoor Stadium, Staff Quarters, TCL Smart Classroom
- Robotics & Automation – One Centre of Excellence

⇒ Chairperson – Academic Council briefed about the various communication letters received from various apex bodies.

ITEM No.04

- The Director – Quality Initiatives presented the regulations followed for the Academic Year 2025-2026.

REGULATIONS for Academic Year 2026-2027

- **Revised Regulations 2020**

- The Students admitted in 2023 and 2024 of all B.E/B.Tech/M.Tech(Int) programme will follow Revised Regulation 2020 (Learning Outcome based Curriculum framework through choice based credit system) and its respective curriculum and syllabus.
- **Revised Regulations 2025**
 - The Students admitted in 2025 and onwards of all B.E/B.Tech/M.Tech(Intd)/MBA programme will follow Regulation 2025 (Outcome based Learning through choice based credit system) and its respective curriculum and syllabus.
- **PG Regulations 2022**
 - The Students admitted in 2025 of M.E/M.Tech programme will follow PG Regulation 2022 and its respective curriculum and syllabus.

AMENDMENT IN THE EXISTING REGULATIONS - ABSOLUTE GRADING

- All assessments of a Course will be done by the Absolute Grading system for the students based on letter issued by Registrar and Controller of Examinations office Anna University, Chennai through Letter Nos.
 - AU/CAC/Absolute Grading/2025-2026 dated 12.02.2026
 - AU/CAC/Absolute Grading/02/2025-2026 dated 27.03.2026

RANGE OF MARKS FOR LETTER GRADES AND GRADE POINTS

S	A+	A	B+	B	C+	C	U
91-100	81-90	71-80	66-70	61-65	55-60	50-55	<50

Letter Grade	Description	Grade Points
S	Outstanding	10
A+	Excellent	9
A	Very Good	8
B+	Good	7
B	Above Average	6.5
C+	Average	6
C	Satisfactory	5
U	Re-appearance	0
SA	Shortage of Attendance	
AB	Absent for the End semester Examination	
WC	Withdrawal in the End Semester Examination	

ITEM No.05

PROPOSED NEW REGULATIONS- PG REGULATIONS 2026 (Outcome based Curriculum through Choice based Credit system) for students admitted from 2026 and onwards

CREDIT SYSTEM

Minimum number of Credits to be earned for the successful completion of M.E./M.Tech. Programmes for

- Regular candidates (2 years) : 75 credits

DURATION OF THE PROGRAMME

Degree	Stipulated number of Semesters	Permitted number of Semesters
M.E/M.Tech	4	8

Categorization of Courses M.E/M.TECH

Course Category	Description	Credits *	Percentage
Professional Core Courses (PCC)	Core courses relevant to the chosen programme of study	39	52%
Professional Electives Courses (PEC)	Elective courses relevant to the chosen programme of study	12	16%
Multidisciplinary Electives Courses (MDC)	Elective Courses of other discipline specific to the programme of study.	3	4%
Skill Enhancement Courses (SEC)	Courses that helps developing skills and knowledge in a specific domain	2	3%
Value Added Courses (VAC)	Courses that helps to enhance the skills and abilities beyond the regular curriculum	2	3%
Experiential Learning Courses (ELC)	Internships (4 Weeks)	2	3%
Research Project Courses (RPC)	Dissertation/ Thesis	15	20%
Ability Enhancement Courses (AEC)	Courses relevant to Employability skills, Soft skills,	Non Credited	
Total Credits		75	

CREDIT DISTRIBUTION

Category	I Sem	II Sem	III Sem	IV Sem	Total Credits*
PCC	21	18			39
PEC		03	09		12
MDC			03		03
SEC		02			02
VAC	02				02
ELC				02	02
RPC			06	09	15
AEC	Course1	Course2			Non Credited
Total Credits	23	23	15	14	75

CREDIT TRANSFER FLEXIBILITIES

Direct Self Study

- One Faculty member approved by the Head of the Department shall be responsible for the periodic monitoring and evaluation of self study course
- student does not have current arrears and earns a CGPA of 7.5 and above upto the previous semester are eligible
- Maximum 9 credits can be earned through DSS starting from II to III semester in the Professional Electives.
- Mode of assessments will be based on the continuation assessment (decided by the faculty member) and the performance in the semester end examination

Online Courses

- Students can register for their courses through SWAYAM-NPTEL/ SWAYAM PLUS Platform
- List of online courses is to be approved by a Chairman Academic Council
- Maximum number of credits exempted through online courses are 06
- One Professional Elective and One Multidisciplinary Elective can be exempted

GIAN Courses

- Students can undergo the Two weeks courses offered under the Global Initiative of Academic Networks (GIAN) program of MHRD

- Student does not have current arrears and earns a CGPA of 7.5 and above upto the previous semester are eligible
- Maximum 3 credits can be considered instead of one elective.

Experiential Learning - Industrial Training / Internship

The Student should earn 2 Credits through Experiential Learning between 2nd to 4th Semester

- Industrial Training/Internship
- Can be done in Industry / Research Labs/ Leading Institutions/Universities in India/Abroad
- 2 to 3 Weeks – 1 Credit
- 4 to 6 Weeks – 2 Credits
- Evaluation will be done based on the report and Viva-Voce examination conducted by a committee constituted by the Chairperson, Academic Council.

PROJECT BASED LEARNING

- Project Work by individual student
- Head of the Department should constitute a Review Committee
- There shall be two assessments during each semester by the Review Committee
- The Final evaluation will be carried by the Project coordinator, Project Guide and an External Evaluator in both the phases of Project.

III & IV Semester

- **III Semester – Phase I – 6 Credits**
- **IV Semester – Phase II – 9 Credits**

ATTENDANCE REQUIREMENTS

Every candidate is expected to attend all classes and seek 100% Attendance

Eligible

- The candidate must secure not less than 75% attendance course wise.
- A candidate who secures less than 65% attendance in a course will not be permitted to write the end semester examination for that course .
- The candidate has to register and repeat this course in a subsequent semester when the course is offered next.

Detained

- A candidate who secures less than 65% of overall attendance will not be permitted to appear for the End Semester Examinations
- The candidate should seek the readmission to the same semester in the subsequent academic year.

Attendance Waiver

- If a candidate secures attendance between 65% and 75% in any course in the current semester due to medical reasons he/she may be given exemption to appear for the examinations in that course **(Only for 2 semesters during the entire duration)**
- Duty leave exemption during a semester will be limited to 10% of the total working days in that semester.

ASSESSMENT PROCEDURES

Theory Courses

Continuous Assessment 40%		End Semester 60%	
Components	Weightage	Components	Weightage
Continuous Assessment Test	20	End Semester Exam	60
Open Book Test	10		
Term Work (TW) (Seminar/Assignment/Case Study)	10		

Laboratory Courses

Continuous Assessment 60%		End Semester 40%	
Components	Weightage	Components	Weightage
Cycle Test - I	10	Viva	10
Cycle Test - II	10		
Lab Weekly Exercise & Observation	30	Lab Exercise & Output	30
Capstone Project	10		

Theory Cum Lab Courses

For L – T- P - C 2- 0- 2- 3 and 3 - 0- 2- 4

Type	Continuous Assessment 50%		End Semester 50%	
LAB	Components	Weightage	Components	Weightage
	Cycle Test - I	10	-----	
	Lab Weekly Exercise & Observation	10		
	Capstone Project	10		
Theory	Continuous Assessment Test I	10	End Semester Exam	50
	Continuous Assessment Test II (Open Book Test)	10		

For L - T- P- C 1- 0- 2 – 2 and 1 - 0- 4- 3

Type	Continuous Assessment 50%		End Semester 50%	
LAB	Components	Weightage	Components	Weightage
	Cycle Test - I	10	End Semester Exam	50
	Lab Weekly Exercise & Observation	10		
Theory	Continuous Assessment Test -I	15		
	Continuous Assessment Test – II (Open Book Test)	15		

Internship/ Industrial Training

Continuous Assessment 100%	
Components	Weightage
Assessment by Industry	25
Presentation	25
Case Study / Report	25
Viva-voce	25

Project Work

Continuous Assessment 60%		End Semester 40%	
Components	Weightage	Components	Weightage
Review I	20	Presentation	10

Review II	20		
Review by Guide	20	External Viva	10
		Report Evaluation	10
		Conference Paper / Publication/ PoC/ Prototype	10

PASSING REQUIREMENTS

- A candidate must who has obtained minimum of 45% marks in the end semester examination, in both Theory and Practical Courses
- A candidate should secure not less than 50% (Internal Assessment + End semester examinations marks
- A student is deemed to have passed in any course carrying only Continuous Assessment marks if the total mark secured by him/her is at least 50%
- If a candidate fails to secure a pass in a theory course/laboratory course, the student shall register and appear only for the end semester examinations in the subsequent semester. In such case, the internal assessment marks obtained by the candidate in the first appearance shall be retained till the second attempt.
- From the third attempt onwards the candidate shall be declared to have passed the examination if S/he secures a minimum of 50% marks prescribed for the end semester examination alone.

REAPPEARANCE REGISTRATION

- The maximum number of credits the candidate can register in particular semester cannot exceed 36 credits excluding laboratory courses.
- If a candidate who fails to secure a pass/ is absent for the end semester examination in a theory course (except electives), the student shall do reappearance registration for that course in the subsequent semester/when offered next.
- If a candidate is prevented from writing end semester examination of a course due to lack of attendance the candidate has to register for the course again in the subsequent semester/when offered next, attend the classes and fulfill the attendance requirements and earn continuous assessment marks
- A student who has failed in any course like Laboratory, Internship with Continuous Assessment and in any course carrying only Continuous Assessment marks will

register for the examinations when it is conducted next time and will be declared to have passed the examination if S/he secures 50% marks in the prescribed for the end semester examinations alone.

- A student who has earned necessary attendance in the course Project work failed to secure a pass will have to register for the same at the beginning of the subsequent semester, redo and submit the project report at the end of that semester and appear for the final examination, the Continuous Assessment mark earned afresh.
- A student after registering for a course may withdraw his / her registration (within 15 days of reopening) on valid reasons and approved by Chairperson. Total number of credits of such dropping courses cannot exceed 6.

AWARD OF LETTER GRADES

- All assessments of a Course will be done by the Absolute Grading system for the students based on letter issued by Registrar and Controller of Examinations office Anna University, Chennai through Letter No. AU/CAC/Absolute Grading/2025-2026 dated 12.02.2026
- The same Ranges of Grades are applicable for the results of revaluation/ Reappearance/supplementary examinations of that particular course.

Range of Marks for Letter Grades

S	A+	A	B+	B	C+	C	U
91-100	81-90	71-80	66-70	61-65	55-60	50-55	<50

Grade Points

Letter Grade	Description	Grade Points
S	Outstanding	10
A+	Excellent	9
A	Very Good	8
B+	Good	7
B	Above Average	6.5
C+	Average	6
C	Satisfactory	5
U	Re-appearance	0

SA	Shortage of Attendance
AB	Absent for the End semester Examination
WC	Withdrawal in the End Semester Examination

GPA AND CGPA CALCULATION

Grade Point Average (GPA) for the Semester

$$GPA = \frac{\sum_{i=1}^n (C_i \times GP_i)}{\sum_i C_i}$$

Cumulative Grade Point Average (CGPA)

$$CGPA = \frac{\sum_{j=1}^n (C_j \times GP_j)}{\sum_j C_j}$$

Where

C_i, C_j – is the Credits assigned to the course.

GP_i, GP_j - is the grade point corresponding to the letter grade obtained for each course

n - is number of all Courses successfully cleared during the particular semester in the case of GPA and during all the semester in the case of CGPA.

Classification of Degree

First Class with Distinction	First Class	Second Class
Having passed the examination in all the courses within the stipulated number of Semesters of study in First Appearance plus One Year (Two Semesters) which includes authorised break of study	Having passed the examination in all the Courses within the stipulated number of Semesters plus One Year (Two Semesters) including authorized Break of Study.	All other candidates who qualify for the award of the Degree shall be declared to have passed the Examination in Second Class.

The candidate should have secured a CGPA of not less than 8.50 in all the courses prescribed for the programme of study.	The candidate should have secured a CGPA of not less than 6.5 in all the Courses prescribed for the Programme of Study.	
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TRANSPARENCY IN EVALUATION

The students are entitled for Verification/Photocopy/ Revaluation/Review of answer scripts within fifteen days from the declaration of the results

The above is not permitted for practical courses and project work.

Verification

After the publication of End Semester results, the students are allowed to verify the answer scripts of all courses

Photo Copy

The students can apply for the photocopy of the answer scripts

Revaluation

After Verification/Photo Copy the application for revaluation of the answer scripts for those courses is permitted.

Review

If the student is not satisfied with the Grades allotted after Revaluation, they can apply for Review of Answer script.

Only a candidate who has applied for the Photocopy and Revaluation is eligible for applying for Review.

QUESTION PAPER PATTERN

Continuous Assessment Tests (CAT I and CAT –II)

Course Type	Question Pattern	Marks	Total Marks	Duration
4 / 3 /2 Credit Courses (Theory, Theory Cum Lab)	10 Short Answers (10 *2) 3 Descriptive Answers (3 *10) One Compulsory Question + Two Either/ Or Questions	20 Marks 30 Marks	50 Marks	90 Minutes

Open Book Test	One Compulsory Question + Two Either/ Or Questions	20 Marks 30 Marks	50 Marks	90 Minutes
One Course per Semester	Assessment Pattern Decided by Course Instructor and approved by Chairman, Academic Council		50 Marks	

End Semester Examinations

Course Type	Question Pattern	Marks	Total Marks	Duration
2/ 3 / 4 Credit Paper (Theory, Theory Cum Lab)	10 Short Answers (10 *2) 5 Descriptive answers (5 *16) One Compulsory Question + 4 Either or Type Questions	20 Marks 80 Marks	100	180 minutes

END SEMESTER INTERNAL/ EXTERNAL EXAMINERS

Components	INTERNAL	EXTERNAL
Question Paper Setting	60%	40%
Valuation	80%	20%
Practical	100%	Project Phase I Project Phase II

ITEM No.06

PROCEEDINGS OF BOARD OF STUDIES - REGULATIONS 2025 – NEW COURSES PASSED IN BOS – 5th & 6th Semester

DEPARTMENT OF MECHANICAL ENGINEERING

SEMESTER - V							
Course	Course Title	Category	L	T	P	C	
THEORY							
25ME2202	Design of Machine Elements	PC	3	1	0	4	
25ME2203	Digital Manufacturing	PC	2	0	0	2	
25RA2362	AI for Mechanical Systems	MDC	2	0	2	3	

25ME2232	Additive Manufacturing Technology	SEC	1	0	2	2
	Professional Elective 1	PEC	3	0	0	3
	Open Elective 2	OEC	3	0	0	3
THEORY CUM PRACTICALS						
25ME2253	Thermal Engineering	PC	3	0	2	4
PRACTICALS						
25ME2272	CAD/CAM Laboratory	PC	0	0	3	1
Total						22
SEMESTER - VI						
Course	Course Title	Category	L	T	P	C
THEORY						
25ME2204	Design of Transmission Systems	PC	3	0	0	3
25ME2215	Total Quality Management	HSSM	3	0	0	3
25EI2287	Simulation of Mechanical Systems	MDC	1	0	4	3
	Professional Elective 2	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25ME2254	Mechanical Measurements and Metrology	PC	2	0	2	3
25ME2255	Heat Transfer	PC	3	0	2	4
PRACTICALS						
	Multidisciplinary Project	ELC	2	0	0	2
	Internship / Field Project	ELC				
Total						21

PROFESSIONAL ELECTIVES - VERTICALS						
Course	Course Title	Category	L	T	P	C
THEORY						
DESIGN						
25ME2300	Machine Tool Design	PEC	3	0	0	3
25ME2301	Design for Manufacturing	PEC	3	0	0	3
25ME2302	Computer Aided Design	PEC	3	0	0	3
25ME2303	Design of Experiments	PEC	3	0	0	3
25ME2304	Automotive Electronics	PEC	3	0	0	3
MANUFACTURING						
25ME2305	Metal Joining Processes	PEC	3	0	0	3
25ME2306	Green and Sustainable Manufacturing	PEC	3	0	0	3
25ME2307	Lean Manufacturing	PEC	3	0	0	3

25ME2308	Composite Materials	PEC	3	0	0	3
THERMAL						
25ME2309	Hydrogen and Fuel Cell Technology	PEC	3	0	0	3
25ME2310	Energy Conservation and Management	PEC	3	0	0	3
25ME2311	Renewable Energy Sources and Systems	PEC	3	0	0	3

OPEN ELECTIVE						
Course	Course Title	Category	L	T	P	C
25ME2231	Intellectual Property Rights	OEC	3	0	0	3

MULTIDISCIPLINARY COURSE						
Course	Course Title	Category	L	T	P	C
25ME2242	Design for Manufacturing and Assembly	MDC	3	0	0	3

HUMANITIES SOCIAL SCIENCE AND MANAGEMENT COURSES						
Course	Course Title	Category	L	T	P	C
25HS2XXX	Engineering Project Management	HSSM	3	0	0	3
25HS2XXX	Fundamentals of Management for Engineers	HSSM	3	0	0	3

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr.Jayabal Kaliappan Professor, Department of Mechanical Engineering, IIITDM, Kanchipuram.	Design of Machine Elements	Dr. Jayabal suggested including the Machine Design book authored by Shigley as a textbook and adding another book by Bhandari under the textbook category. He also recommended moving the book by Robert L. Norton to the reference book category.	The suggested changes were incorporated in the text book and reference book categories.

Dr.P.R.Thyla Professor, Department of Mechanical Engineering, PSG College of Technology.	Digital Manufacturing	Dr. Thyla suggested including more recent books in the textbook category for the course Digital Manufacturing, as it is an emerging field.	The suggested changes were made in the text book category.
Dr.Jayabal Kaliappan Professor, Department of Mechanical Engineering, IIITDM, Kanchipuram.		Dr. Jayabal opined that since the course Digital Manufacturing has significant practical content; the L T P C should be changed from 2 0 0 2 to 1 0 2 2	L T P C is changes as 1 0 2 2
Dr.R.Senthil raja Professor and Head, Department of Automobile Engineering, Government College of Engineering, (IRTT),	Thermal Engineering	Dr. Senthil Raja enquired about the inclusion of emission testing on IC engines.	Emission testing is included in the laboratory component of the course.
Dr. G.Murali Professor, Department of Mechanical Engineering K L E F Deemed to be University, Guntur Dt., Andra Pradesh	Total Quality Management & Fundamentals of Management for Engineers	Dr. Murali suggested checking for any overlap in course contents related to Leadership Qualities in these courses.	Though there are few overlapping contents, TQM goes deeper into technical quality tools and modern quality systems, which are not covered in FME
	Heat Transfer	Dr. Murali suggested including the Heat Transfer textbook authored by Yunus A. Cengel under the reference book category	The suggested text book has been included in the syllabus.

DEPARTMENT OF AERONAUTICAL ENGINEERING

SEMESTER - V						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25AE2300	High Speed Aerodynamics	PCC	3	0	0	3
25AE2301	Aircraft Structural Mechanics II	PCC	2	0	0	2
25EIXXX	Control System for Aeronautics	MDC	3	0	0	3
25AE2XXX	Professional Elective I	PEC	3	0	0	3
25XX	Open Elective II	OEC	3	0	0	3
THEORY CUM PRACTICALS						
25AE2350	Analysis and Design of Composite	PCC	2	0	2	3
25AE2351	Air Breathing Propulsion	PCC	2	0	2	3
	Skill Enhancement Course	SEC	1	0	2	2
PRACTICALS						
25AE2370	Multi-disciplinary Project	ELC	0	0	4	0
Total						22

SEMESTER - VI						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25AE2302	Safety, Reliability and Airworthiness	HSSM	3	0	0	3
25AE2303	Flight Mechanics	PCC	3	1	0	4
25AE2304	Space Propulsion	PCC	3	0	0	3
25AE2XXX	Professional Elective II	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25AE2352	Finite Element Analysis	PCC	2	0	2	3
25ECXXXX	Avionics	MDC	2	0	2	3
PRACTICALS						
25AE2371	Aerial Vehicle Design I	PCC	0	0	2	1
25AE2370	Multi-disciplinary Project	ELC	0	0	4	2
Total						22

PROFESSIONAL ELECTIVES - VERTICALS						
Course	Course Title	Category	L	T	P	C
THEORY						
25AE2380	Sports and Building Aerodynamics	PEC	3	0	0	3

25AE2381	Experimental Aerodynamics	PEC	3	0	0	3
25AE2382	Applied Stress Analysis	PEC	3	0	0	3
25AE2383	Futuristic Frames and its Techniques	PEC	3	0	0	3
25AE2384	Fundamentals of Helicopters and Maintenance	PEC	3	0	0	3
25AE2385	Fatigue & Fracture Mechanics	PEC	3	0	0	3
25AE2386	Analytical Heat Transfer	PEC	3	0	0	3
25AE2387	Combustion & Emission	PEC	3	0	0	3

OPEN ELECTIVES						
Course	Course Title	Category	L	T	P	C
THEORY						
25AE2180	Fundamentals of Applied Aeronautics	OEC	3	0	0	3
25AE2181	Electric Aviation	OEC	3	0	0	3
25AE2182	Space: The Final Frontier	OEC	3	0	0	3

MULTI-DISCIPLINARY COURSES						
Course	Course Title	Category	L	T	P	C
THEORY						
25AE2360	Drone Technology	MDC	2	0	2	3
25AE2361	Intelligent Drone Systems	MDC	3	0	0	3

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr. P. R. Thyla, Professor, Dept. of Mechanical Engineering, PSG College of Technology	Aircraft Structural Mechanics II	Noted that the topics listed under Aircraft Structural Mechanics II appear generic in nature and suggested strengthening the syllabus with clearer aircraft-specific applications	The syllabus now clearly includes aircraft-specific thin-walled beam sections, shear flow in open and closed sections, Bredt-Batho theory, multi-cell structures, buckling, and crippling strength estimation.

	Analysis and Design of Composite Structures	Suggested reviewing the Composite Structures Laboratory experiments, particularly those related to the influence of fibre orientation and additives, to ensure that the experiment titles accurately reflect the actual laboratory activities performed.	Lab titles are now explicit: fabrication of thermosetting polymer composites, hand lay-up laminates, varying fiber orientation, ply configuration, additive effects, defect analysis.
Dr. S. Periyasamy, Associate Professor, Dept. of Mechanical Engineering, GCT, Coimbatore	Safety, Reliability and Airworthiness	Safety, Reliability and Airworthiness references not having year; standardize reference system.	All textbooks and reference books are updated with year and editions.
	Experimental Aerodynamics	Experimental Aerodynamics – separate heading for DAQ and verify theory hours allocation.	Separate module on Data Acquisition system is introduced in the “Experimental Aerodynamics” course.
	Analytical Heat Transfer	To introduce 2D	2D has been introduced in the steady state heat conduction analysis
Dr. A. Sameen, Professor, Dept. of Aerospace Engineering, IIT Madras	Fundamentals of Helicopters and Maintenance	Observed that the curriculum includes a course on Helicopter Maintenance but does not include fundamental topics such as Helicopter Aerodynamics, Dynamics, and Control.	As per the suggestions received, the course has been renamed to “Fundamentals of Helicopters and Maintenance”. The relevant fundamental topics on Helicopters, aerodynamics, dynamics and control are added.
		Suggested that the course title may be modified to something more comprehensive, such as “Fundamentals of Helicopters and Maintenance”, to reflect both theory and practical aspects	
Mr. Sree Ragav, Aircraft Design Lead, The ePlane Company,	Analysis and Design of Composite Structures	Suggested that students should be provided with greater exposure to CAD tools for composite design, not just conventional modelling	“Introduction to composite design using CAD/CAE tools” as a topic is added under the Analysis and Design of Composite Structures

Chennai		such as sheet metal or structural modelling.	course.
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DEPARTMENT OF ROBOTICS AND AUTOMATION

SEMESTER - V						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25RA2300	Design of Automated Mechanical Systems	PCC	3	1	0	4
25RA2301	Power Electronics and Motor Drives	PCC	3	0	0	3
25RA2302	Embedded Systems in Robotics	PCC	3	0	0	3
25RAXXXX	Professional Elective-I	PEC	3	0	0	3
25RAXXXX	Open Elective-II	OEC	3	0	0	3
THEORY CUM PRACTICALS						
25AIXXXX	Data Analytics	MDC	2	0	2	3
PRACTICALS						
25RA2370	Power Electronics and Motor Drives Laboratory	PCC	0	0	2	1
25RA2371	Embedded Systems in Robotics Laboratory	PCC	0	0	2	1
AEC/LAC/SEC/VAC COURSES*						
25RA2335	Jetson Nano for Robotics	SEC	1	0	2	2
25RA2336	Raspberry Pi Programming for robotics	SEC	1	0	2	2
25RA2337	RS Logix for Industrial Automation	SEC	1	0	2	2
25RA2338	SLAM Navigation	SEC	1	0	2	2
25RA2339	Programming with C# and .Net	SEC	1	0	2	2
25RA2340	Java Programming Basics	SEC	1	0	2	2
* Any one from SEC can be offered			Total			23

SEMESTER - VI						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25MEXXXX	Total Quality Management	HSSM	3	0	0	3
25RA2303	Mobile Robotics and ROS	PCC	2	0	0	2

25ME2242	Design for Manufacturing and Assembly	MDC	3	0	0	3
25RAXXXX	Professional Elective-II	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25RA2350	Control Systems for Automation	PCC	2	0	2	3
PRACTICALS						
25RA2372	Mobile Robotics and ROS Laboratory	PCC	0	0	2	1
25RA2373	Data structures with C Laboratory	PCC	0	0	2	1
25RA2374	Multi-disciplinary Project	ELC	0	0	4	2
AEC/LAC/SEC/VAC COURSES						
25RA2341	Digital Marketing	VAC	0	0	2	2
25RA2342	Accounting and Taxation	LAC	0	0	2	2
Total						22

PROFESSIONAL ELECTIVES - VERTICALS						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25RA2316	Automotive Electronics	PEC	3	0	0	3
25RA2317	Robot Dynamics and Control	PEC	3	0	0	3
25RA2318	Welding Technology for Robotic Applications	PEC	3	0	0	3
25RA2319	Additive Manufacturing Technology	PEC	3	0	0	3
25RA2320	Computer-Integrated Manufacturing (CIM)	PEC	3	0	0	3
25RA2321	Industrial Internet of Things and Industry 4.0	PEC	3	0	0	3
25RA2322	Deep Learning for Autonomous Systems	PEC	3	0	0	3
25RA2323	Digital Manufacturing	PEC	3	0	0	3

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN

Dr. Kuppan Chetty Subject Expert & Dr. Thyla University Nominee	Mechanical System Design for Automation	Recommended renaming the course title as “Design of Automation Elements”. Recommended renaming the course Title as “Design of Machine Elements and Transmission Systems	The members’ suggestions on the syllabus were accepted, as the course effectively covers the design of mechanical elements and transmission components for automation systems. The finalized course title is “Design of Automated Mechanical Systems.”
Dr. Kuppan Chetty Subject Expert & Mr. Vasanthakumar Industry Expert	Power Electronics and Drives for Robotics	Insisted on checking the contents of course “Electrical Machines” and “Power Electronics” for any content repetition. Suggested renaming the course as “Power Electronics and Motion Control”, and the course contents should be suitable revisited.	As suggested by the members, the syllabus contents of the courses Electrical Machines and Power Electronics were reviewed to identify and avoid any duplication of topics. Based on the recommendations, the course title has been revised to “Power Electronics and Motor Drives”
Dr. Kuppan Chetty Subject Expert	Microcontrollers and Embedded Design	The Course earlier proposed “Microcontrollers and Embedded Systems” is renamed as “Microcontrollers and Embedded Technology”, since the same course title is already used by Electronics and Communication Engineering department. Suggested that 8050 Microcontroller is missing. It is difficult to cover the module 1	Based on the members’ suggestions, the course title has been finalized as “Embedded Systems in Robotics.” The syllabus was reviewed following Dr. Kuppan Chetty’s recommendation, including consideration of the 8051 microcontroller. Module I has been restructured, with provisions for bridge

		with stipulated hours. Module 1 content has to be suitably revisited or any bridge course can be offered to fill the gap.	or introductory sessions to support students needing additional background.
Dr. Kuppan Chetty & Mr. Vasanthakumar Industry Expert	Power Electronics and Drives Laboratory	Suggested adding an experiment using VFD and simple/modular positioning of servos Suggested adding experiments in position control (positioning and torque control is essential in stepper motor and servo motor).	Additional experiments on VFD operation and servo motor positioning have been included to strengthen practical understanding of motor control.
Dr. Kuppan Chetty Subject Expert	Total Quality Management	Suggested to add safety and Production Part Approval Process (PPAP) topics	Based on the recommendation, the course content has been revised to include topics on Safety Management and the Production Part Approval Process (PPAP).
All the members	Mobile Robotics and ROS	Suggested the content can be suitable reduced to cover all the major topics relevant to ROS and ROS 2 in prescribed 30 lecture hours. Suggested renaming the topic "Introduction to AI integration concepts in mobile robots." in the last module as "Intelligent Navigation".	Based on the members suggestions, the course content has been streamlined to effectively cover key ROS and ROS 2 concepts within the prescribed 30 lecture hours.
Mr. Vasanthakumar Industry Expert	Industrial Data Networking	Suggested that the topic "Profibus" is obsolete and either "ProfiNet" or "ProfiSafe" can be included. Also suggested to	The topic PROFIBUS has been replaced with updated industrial communication protocols such as PROFINET and

		include the topics such as EtherCAT, CC Link, Device Net, RS232 and RS485	PROFIsafe to align with current industry practices. Additionally, protocols like EtherCAT, CC-Link, DeviceNet, RS-232, and RS-485 have been included to broaden students' exposure to industrial communication networks.
Dr. Kuppan Chetty Subject Expert & Mr. Vasanthakumar Industry Expert	Mobile Robotics and ROS Laboratory	Enquired whether the experiment "Develop and test ROS-based multi-robot coordination and communication" can be completed within a 2-hour session. They suggested modifying the lab to include suitable tools, techniques, or algorithms within the ROS platform.	As suggested, the experiment will be restructured into multiple steps to ensure completion within the allotted and consecutive lab hours.
Dr. Kuppan Chetty	Medical Robotics (BME)	Suggested to add Robot configuration in Module 1 and move the topic "Work Space Analysis" to module 1 and recommended to revamp the other contents suitably.	Based on the recommendation, the topic Robot Configuration has been added to Module I. The topic Workspace Analysis has been shifted to Module I to provide a stronger conceptual foundation at the beginning of the course.
All the Members	Artificial Intelligence for Robotics (M.Tech CSE)	✓ suggested to check the course contents of AI driven Robotics offered in Open Elective	As suggested by the committee members, the course content has been carefully reviewed with

		Category. ✓ suggested to add the topic AI agents.	respect to the Open Elective course “AI Driven Robotics” to eliminate overlap and avoid duplication. Based on the input of Mr. Vasanthakumar, the topic AI Agents has been included to enhance decision-making capabilities in robotic systems
Vasanthakumar Industry Expert	Industry 4.0 (ECE)	✓ suggested to add experiments based on Industry 4.0 and integration of assets using Byte Factory Software.	Based on the suggestion of Mr. Vasanthakumar, laboratory experiments related to Industry 4.0 concepts and asset integration have been included using Byte Factory Software to provide practical exposure to smart manufacturing environments.
All the Members	Smart Buildings and Automation (Civil)	✓ suggested to reduce the overall content for better manageability.	As recommended by the committee members, the overall course content has been streamlined and reduced to ensure better coverage of key topics within the prescribed contact hours.
All the members	AI Driven Robotics	✓ suggested that the course contents are easy for CSE students but it is quite tough for if the course floated to Civil and Mechanical Engineering	As suggested by the members, the course contents were reviewed and restructured to ensure that the topics are simplified and made more general, so that students from

		Students. ✓ All the members suggested to restructure the course contents with general and simple content suitable to offer for all discipline of students.	all engineering disciplines can understand and benefit from the course.
All the members	Verticals	✓ suggested to give broader vertical list so that relevant courses can be pooled together. They suggested the few verticals are Intelligent Automation, Smart Manufacturing, Digital Manufacturing, Intelligent Systems and Control, Autonomous Systems, etc.	The Chairperson acknowledged the suggestions of the members and agreed to incorporate the proposed broader vertical domains in the upcoming meeting

DEPARTMENT OF CIVIL ENGINEERING

SEMESTER - V						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25CE2300	Foundation Engineering	PCC	3	0	0	3
25CE2301	Design of Reinforced Concrete Elements	PCC	3	0	0	3
25CE2302	Water Resources Engineering	PCC	3	0	0	3
	Open Elective II	OEC	3	0	0	3
25CE2310	Professional Elective I	PEC	3	0	0	3
THEORY CUM PRACTICALS						
	Multidisciplinary Course II AI Applications in Civil Engineering / Smart Building & Automation	MDC	2	0	2	3
PRACTICALS						
25CE2375	Remote Sensing and GIS	SEC	1	0	2	2

25CE2376	Building Information Modelling	SEC	0	0	4	2
25CE2378	Multi-Disciplinary Project	ELC	0	0	4	2
Total						24

SEMESTER - VI						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25CE2303	Design of Steel Structures	PCC	2	1	0	3
25CE2304	Structural Dynamics and Earthquake-Resistant Structures	PCC	2	1	0	3
	Multidisciplinary Course III Energy Conservation Techniques in Buildings / Drone Technology	MDC	3	0	0	3
25CE2311	Professional Elective II	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25CE2350	Highway and Railway Engineering	PCC	2	0	2	3
25CE2351	Water and Wastewater Engineering	PCC	3	0	2	4
PRACTICALS						
25CE2370	Computer Aided Analysis and Design Laboratory	PCC	0	0	2	1
Total						20

SUGGESTIONS AND ACTION TAKEN

Expert Name with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr. G. Swaminathan	Foundation Engineering	Include one of the slope stability analysis method (i.e) Slip Circle Method of stability analysis.	Modification done in the syllabus content
Dr. G. Swaminathan Dr. S. Mathava Kumar	Water Resources Engineering	- Course content is too extensive and heavy for students and recommended to split the course and offer one part as an elective course. - Suggested to remove the 5th module - Distribution System of Canal Irrigation and offer it as another course.	

Dr. Swaminathan G.	Structural Dynamics and Earthquake Resistant Structures	Enquired whether the pushover analysis concept is included.	The pushover analysis concept will be included in Elective course.
Dr. Swaminathan G. Dr. S. Mathava Kumar	Water and Wastewater Engineering	- Enquired about BOD content - Course objectives can be reframed. In Module 2, water treatment, he instructed to elaborate the content as filtration (sand & membrane) and disinfection (Chlorination, Ozonation & UV). In Module 3, Grid Chamber can be added, topic on MBR, MBBR in addition to SBR content. Design of water purification units, resource recovery & sustainability topics can be introduced.	- BOD topic covered under the wastewater characteristics topic. - Modification done in the syllabus content
Dr. Swaminathan G. Mr.S.Manoj Kumar	Computer Aided Analysis and Design Laboratory	- The topic “Design using Excel Sheets” can be moved to the Design of Reinforced Concrete Elements course and given as Term Work content. Accordingly, the experiments can be revised. - Excel-based design of elements can be taught first, followed by analysis using STAAD Pro, to improve student understanding.	Modification done in the syllabus content
Dr. S. Mathava Kumar	Disaster Management	Instead of teaching Tools for Disaster Management for 9 hours, the module can be rearranged under other modules.	
Dr. S. Mathava Kumar	Remote Sensing and GIS	3rd module topic can be rewritten. Remove the topic Water Resources field and replace it with Application in Complex Civil Engineering Projects.	
Dr. S. Mathava Kumar Dr.S.Chithra	Design of Steel Structures	- Module 3, 4, 5 titles can be reframed as Tension Members, Flexural Members and Compression Members. - Topics such as Gantry Girder	

		and Plastic Hinge Concept can be included in relevant modules.	
Dr.S.Chithra	Design of Reinforced Concrete Elements	- Suggested the Module 3 content can be reframed. In 4th module Design of short axially loaded RC column topic can be removed. - Additionally, the topic on Design of mat & raft foundation can be moved to higher semester.	- Modified the content - Considered in framing Professional Elective
Er.R.Prabhudev	Building Information Modelling	MEP can be introduced.	Modification done in the syllabus content
Er.R.Prabhudev		Introduce the sheet metal topic in any of the upcoming courses.	

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SEMESTER - V						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25CS2202	Automata and Compiler Design	PC	3	1	0	4
25*****	Open Elective – 2	OE	3	0	0	3
25*****	Multidisciplinary Course – 2	MDC	3	0	0	3
25CS****	Professional Elective - 1	PE	3	0	0	3
25HS****	Ability Enhancement Course -3 (Emotional Intelligence)	AEC	2	0	0	2
THEORY CUM PRACTICALS						
25CS2255	Data Science	PC	2	0	2	3
PRACTICALS						
25CS2273	Full Stack Content Development Laboratory	PC	0	0	4	2
25CS2490	Skill Enhancement Course -2 (Competitive Programming)	SEC	0	0	4	2
Total						22

SEMESTER - VI						
Course	Course Title	Category	L	T	P	C

Code						
THEORY						
25CS2203	Software Engineering	PC	3	0	0	3
25*****	Multidisciplinary Course – 3	MDC	3	0	0	3
25CS****	Professional Elective - 2	PE	3	0	0	3
25HS****	Value Added Course – 2 (FINTECH)	VAC	2	0	0	2
25HS****	Management Course – 1 (Entrepreneurship Development)	HSSM	2	0	0	2
THEORY CUM PRACTICALS						
25CS2256	Cloud Computing and Big Data	PC	2	0	2	3
25CS2257	Immersive Technologies	PC	2	0	2	3
PRACTICALS						
25*****	Multidisciplinary Project	ELC	0	0	4	2
Total						21

PROFESSIONAL ELECTIVES - VERTICALS						
Course Code	Course Title	Category	L	T	P	C
Vertical 1- Full stack Development						
THEORY						
25CS2300	Development Operations	PE	3	0	0	3
25CS2301	Software Testing and Automation	PE	3	0	0	3
THEORY CUM PRACTICALS						
25CS2302	C# and .Net	PE	2	0	2	3
Vertical 2- Computing						
THEORY						
25CS2310	Quantum Machine Learning	PE	3	0	0	3
25CS2311	Parallel and Distributed Systems	PE	3	0	0	3
25CS2312	Cognitive Computing	PE	3	0	0	3
Vertical 3- Networking and Security						
THEORY						
25CS2320	Software Driven Networking	PE	3	0	0	3
25CS2321	Cyber Defence and Ethical Hacking	PE	3	0	0	3
25CS2322	Cyber Forensics	PE	3	0	0	3
Vertical 4- Multimedia, Gaming and Animation						
THEORY						
25CS2330	Usability and Interface Design	PE	3	0	0	3
25CS2331	3D Modeling and Animation	PE	3	0	0	3
25CS2332	Metaverse and Digital Twin Systems	PE	3	0	0	3

Vertical 5- Artificial Intelligence & Data Science						
25CS3340	Neural Networks and Deep Learning	PE	3	0	0	3
THEORY CUM PRACTICALS						
25CS3341	Prompt Engineering	PE	2	0	2	3
25CS3342	MLops	PE	2	0	2	3

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr. Rajeswari Sridhar, University Nominee, Professor, NIT, Trichy	Automata and Compiler Design	✓ The course titled 'Automata and Compiler Design' could be renamed as 'Compiler Design' or additional concepts in automata could be included.	✓ Additional Automata Concepts are included and the course title has been retained.
Dr. Rajeswari Sridhar, University Nominee, Professor, NIT, Trichy	Data Science	✓ In the course titled 'Data Science' Sampling, Variant Analysis Concept can be include.	✓ The Chairperson expressed, the mentioned concepts has been already included in the syllabus.
Mr.M.Divakar Raj, Alumni Representative, Technical Architect, Odessa, Bengaluru	Software Engineering	✓ In the course titled 'Software Engineering', IEEE template for SRS document to be included.	✓ As per the expert suggestion, the suggested topic has been included in the syllabus.

DEPARTMENT OF M.TECH CSE

SEMESTER - V						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25CJ1***	Professional Elective - 1	PE		0		3
	Open Elective II	OE	3	0	0	3
	Multidisciplinary Minor Course -2	MMC	3	0	0	3
	Ability Enhancement Course -3 (Soft Skills)	AEC	2	0	0	2

25CJ1234	Skill Enhancement Course -2 (IBM Qiskit Lab)	SEC	0	0	2	2
THEORY CUM PRACTICALS						
25CJ1258	Industry Practices in Modern Software Engineering	PC	2	-	2	3
25CJ1351	Large Language Models and AI Systems Engineering	PC	2	-	2	3
25CJ1352	Full Stack Web Development	PC	1	0	4	3
Total						22

SEMESTER - VI						
Course Code	Course Title	Category	L	T	P	C
THEORY						
	Management Course – 1	HSSM	2	0	0	2
25CJ1301	Cyber Security Principles and Practices	PC	3	0	0	3
25CJ1***	Professional Elective II	PE	3	0	0	3
	Multidisciplinary Minor Course – 3	MMC	3	0	0	3
25CJ1235	Value Added Course – 2 (Digital Detox & Mindfulness for Engineers)	VAC	2	0	0	2
25CJ1302	Compiler Design and Finite Automata	PC	3	0	0	3
THEORY CUM PRACTICALS						
25CJ1353	Computer Vision and Perception	PC	2	0	2	3
25CJ1354	Computing Systems using AR/VR	PC	2	0	2	3
PRACTICALS						
25CJ1382	Multidisciplinary Project	ELC	0	0	2	2
Total						24

PROFESSIONAL ELECTIVES - VERTICALS						
Course Code	Course Title	Category	L	T	P	C
AI/ML						
THEORY CUM PRACTICALS						
25CJ1461	Deep Generative Models	PE	2	0	2	3
25CJ1462	Explainable AI for Multimodal Data	PE	2	0	2	3
25CJ1463	Intelligent Edge Systems	PE	2	0	2	3
25CJ1464	Multi-Agent Intelligence Systems	PE	2	0	2	3
	Cyber Security					

	THEORY					
25CJ1431	Digital Forensics and Incident Investigation	PE	3	0	0	3
25CJ1432	Cyber Security Governance	PE	3	0	0	3
	THEORY CUM PRACTICALS					
25CJ1471	Ethical Hacking and Penetration Testing	PE	2	0	2	3
25CJ1472	Security Operations and Threat Monitoring	PE	2	0	2	3
	SOFTWARE DEVELOPMENT					
	THEORY CUM PRACTICALS					
25CJ1441	Secure Software Development and Application Security	PE	2	0	2	3
25CJ1442	User Interface and Experience Design	PE	2	0	2	3
25CJ1443	Modern Software Testing and Automation	PE	2	0	2	3
	AR/VR					
	THEORY					
25CJ1411	AR/VR and Spatial Computing	PE	3	0	0	3
	THEORY CUM PRACTICALS					
25CJ1451	VR Development Technologies	PE	2	0	2	3
25CJ1452	XR Experience Design	PE	2	0	2	3
25CJ1453	XR Game Development	PE	2	0	2	3

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr. Rajeswari Sridhar , University Nominee, Associate Professor and Head/ CSE, National Institute of Technology, Trichy	25CJ1203 – Industry Practices in Modern Software Engineering	Emphasized the importance of verifying the authors' names in the prescribed materials for the course	The course “25CJ1203 – Industry Practices in Modern Software Engineering” has been revised to incorporate standard textbooks and reference books, ensuring that the authors' names are clearly specified.
	A new Professional course to be added	suggested to include a Course on “Compiler Design & Finite Automata”	Professional Core Course “25CJ1302- Compiler Design & Finite Automata” has been added in VI Semester as per the suggestion.

Mr.Madhankumar Subramaniam Chandran , Alumni Representative, Engineering Manager, Freshworks, Chennai, India	25CJ1352-Full Stack Web Development”	Suggested to add topic “Kafka” in the Course.	Topic “Kafka” has been added as per experts suggestion in the Course titled “25CJ1352-Full Stack Web Development”
	25CJ1203-Industry Practices in Modern Software Engineering	Suggested to add the topic “AI assisted development related topics like Skills, workflow Automation and Prompts”, in the Professional Core Course titled “”	“AI assisted development related topics like Skills, workflow Automation and Prompts”, has been added as per Experts suggestion in the Professional Core Course titled “25CJ1258-Industry Practices in Modern Software Engineering”

DEPARTMENT OF INFORMATION TECHNOLOGY

SEMESTER - V						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25IT2205	Data Communication and Networks	PC	3	0	0	3
25IT2XXX	Professional Elective I	PEC	-	-	-	3
25XXXXXX	Open Elective II	OE	-	-	-	3
25XXXXXX	Multidisciplinary Course II	MDC	-	-	-	3
25IT2XXX	SEC	SEC	-	-	-	2
THEORY CUM PRACTICALS						
25IT2351	Machine Learning	PC	2	0	2	3
25IT2352	Web Technologies	PC	3	0	2	4
PRACTICALS						
25IT2295	Data Communication and Networks Laboratory	PC	0	0	2	1
25IT2492	Multi-disciplinary Project	ELC	0	0	4	2
Total						24

SEMESTER - VI						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25HS2300	Software Project Management	HSSM	3	0	0	3
25IT2300	Cryptography and Network Security	PC	3	0	0	3
25IT2XXX	Professional Elective II	PEC	-	-	-	3
25XXXXXX	Multidisciplinary Course III	MDC	-	-	-	3
25ITXXXX	VAC	VAC	-	-	-	2
THEORY CUM PRACTICALS						
25IT2252	Compiler Design	PC	2	0	2	3
25IT2353	C# and .NET Technologies	PC	2	0	2	3
Total						20

PROFESSIONAL ELECTIVES - VERTICALS						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25IT2311	Artificial Intelligence	PEC	3	0	0	3
25IT2312	Deep Learning Techniques	PEC	3	0	0	3
25IT2321	Data Science Methods and Techniques	PEC	3	0	0	3
25IT2331	AI Assisted Vibe Coding	PEC	3	0	0	3
25IT2341	Ethical Hacking	PEC	3	0	0	3
25IT2381	Quantum Information Processing	PEC	3	0	0	3
25IT2382	Augmented Reality	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25IT2358	Computer Vision and Image Analysis	PEC	2	0	2	3
25IT2359	DevOps	PEC	2	0	2	3
25IT2360	Information Security	PEC	2	0	2	3

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr. Rajeswari Sridhar, Professor, Department of CSE, National Institute of Technology, Tiruchirappalli.	Artificial Intelligence and its Applications	Suggested that the Artificial Intelligence and its Applications course content is heavy. And recommended to remove NLP, Image Processing, Reinforcement Learning, and Types of Learning, and expand Module III.	Carried Out
	Deep Learning Techniques	Suggested changing the title of Module II, “Deep Learning for Computer Vision”, to a more appropriate title in the Deep Learning Techniques course.	Carried Out
Mr.S.Siva, Managing Director- Technology Consulting, Protiviti, Global Business Consulting, Coimbatore.	-	Recommended including Data Privacy and Security content in the security based course.	The Chairman clarified that these topics are available in the Information Security course.
	-	Recommended to include HIPAA in one of the Security based courses.	The Chairman agreed upon the comments and stated that it can be included in the Healthcare Security elective course, which will be proposed in the next semester.
Mr. Ramesh Kalyan and Mr. Valliappan Raman expressed their approval of the curriculum and syllabus.			

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

SEMESTER - V						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25AD2300	DEEP LEARNING	PCC	3	0	0	3
	ABILITY ENHANCEMENT COURSE	AEC				2
	PROFESSIONAL ELECTIVE- I	PEC				3
	OPEN ELECTIVE II	OEC				3
	MULTI DISCIPLINARY COURSE-II	MDC				3
THEORY CUM PRACTICALS						
25AD2350	COMPUTER VISION	PCC	2	0	2	3
25AD2351	COMPUTER NETWORKS AND COMMUNICATION PROTOCOLS	PCC	2	0	2	3
PRACTICALS						
25AD2370	DEEP LEARNING LABORATORY	PCC	0	0	2	1
25AD2471	MULTIDISCIPLINARY PROJECT	ELC	0	0	4	2
Total						23

SEMESTER - VI						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25HS2104	PRINCIPLES OF PROJECT MANAGEMENT	HSSM	2	0	0	2
25AD2301	CLOUD COMPUTING ESSENTIALS	PCC	3	0	0	3
25AD2302	NATURAL LANGUAGE PROCESSING	PCC	3	0	0	3
	MULTI DISCIPLINARY COURSE-III	MDC				3
	SKILL ENHANCEMENT COURSE	SEC				2
	PROFESSIONAL ELECTIVE- II	PEC				3
	VALUE ADDED COURSE	VAC				2

THEORY CUM PRACTICALS						
25AD2352	CYBER SECURITY	PCC	2	0	2	3
PRACTICALS						
25AD2371	NATURAL LANGUAGE PROCESSING LABORATORY	PCC	0	0	2	1
25AD2372	CLOUD COMPUTING LABORATORY	PCC	0	0	2	1
Total						23

PROFESSIONAL ELECTIVES - VERTICALS						
Course Code	Course Title	Category	L	T	P	C
Vertical 1: Artificial Intelligence / Machine Learning						
THEORY						
25AD2321	REINFORCEMENT LEARNING	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25AD2320	MACHINE LEARNING OPERATIONS	PEC	2	0	2	3
25AD2322	AGENTIC AI	PEC	2	0	2	3
25AD2420	EDGE AI AND EMBEDDED MACHINE LEARNING	PEC	2	0	2	3
Vertical 2: Data Science						
THEORY						
25AD2332	RECOMMENDER SYSTEMS	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25AD2330	BIG DATA ANALYTICS	PEC	2	0	2	3
25AD2331	STREAM PROCESSING	PEC	2	0	2	3
Vertical 3: Secure Systems						
THEORY						
25AD2340	WEB APPLICATION SECURITY	PEC	3	0	0	3
25AD2341	BLOCKCHAIN TECHNOLOGIES	PEC	3	0	0	3
25AD2342	SECURE SOFTWARE DEVELOPMENT	PEC	3	0	0	3
Vertical 4: Creative Media						
THEORY						
25AD2346	AUGMENTED AND VIRTUAL REALITY	PEC	3	0	0	3
25AD2347	GAME DESIGN AND DEVELOPMENT	PEC	3	0	0	3
25AD2248	DIGITAL MARKETING	PEC	3	0	0	3

Vertical 5: Web Technologies						
THEORY CUM PRACTICALS						
25AD2249	FULL STACK DEVELOPMENT	PEC	2	0	2	3
25AD2360	DEVOPS	PEC	2	0	2	3
Vertical 6: Emerging Technologies						
THEORY						
25AD2363	QUANTUM COMPUTING	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25AD2361	GPU ARCHITECTURE AND PROGRAMMING	PEC	2	0	2	3
25AD2362	ROBOTIC PROCESS AUTOMATION	PEC	2	0	2	3
Vertical : Generative AI (GUVI –HCL)						
THEORY CUM PRACTICALS						
25AD2266	Foundations of Machine Learning and Deep Learning for Generative AI	PEC	2	0	2	3
25AD2267	Natural Language Processing (NLP) for Generative AI	PEC	2	0	2	3
25AD2268	Generative AI for Vision: Foundations in Computer Vision	PEC	2	0	2	3
25AD2269	Advanced Techniques and Applications of Generative AI	PEC	2	0	2	3

SUGGESTIONS AND ACTION TAKEN

Committee Member	Suggestions	Course Name	Action Taken
Dr. Rajeswari Sridhar (University Nominee)	Include Deep Learning text book by Christopher Bishop instead of the text book by Ian Goodfellow and reorient the syllabus as per the text book contents	Deep Learning	Text book changed
	Offer Big Data Analytics as a professional elective instead of Business analytics	Big Data Analytics	Suggestions incorporated
	GPU architecture and Programming in AI / ML vertical can be moved to different vertical	GPU architecture and Programming	GPU architecture and Programming is moved to emerging technologies vertical
	Suggested to include book “Deep Learning: Foundations and Concepts” by Christopher Bishop as	AI for Civil Engineering (Multi disciplinary	Suggestions incorporated

	text book	course)	
	Course on AI security can be given	-	AI security concepts included in Cyber Security course
Dr.P. Santhi Thilagam (Subject Expert)	Cloud and Big Data technologies course can be offered as Cloud computing as two separate courses	Cloud and Big Data technologies	Suggestions incorporated
	Course titles can be reconsidered to reflect the contents as it is redundant. Course contents also to be revisited.	Computer Networks and Security	Course title is renamed as Computer Networks and Cryptography
		Cyber Security	Contents of Cyber Security revised.
	Course title Engineering Secure SDLC can be renamed as Secure Software Development	Engineering Secure SDLC	Course title renamed as Secure Software Development
	Suggested inclusion of Embedded and IoT course in the curriculum	-	It was ascertained that it is intended to provide as a Multi disciplinary course
Mr.Hariharan Suresh (Industry Expert)	Inclusion of AIOps, LLMOps, AgenticOps concepts	Machine Learning Operations	Suggestions incorporated
	Include advanced agentic AI frameworks such as LangChain and LangGraph, along with vector database architectures, Multimodal RAG concepts	Agentic AI	Suggestions incorporated
	Include TensorRT concepts and reorganize the contents of the modules.	Edge AI and Embedded Machine Learning	Suggestions incorporated
	Inclusion of lab exercises to use Jetson Orin and include recent GPU architectures concepts like Blackwell and syllabus to be simplified		
Mr.Hariharan Suresh (Industry Expert)	Open USD concepts can be included	Augmented and Virtual Reality	Suggestions incorporated
	Suggested to offer DevOps as a prerequisite to DevSecOps course	DevOps	Devops to be offered as professional elective in 5 th / 6 th semester and DevSecOps to be

			offered in 7 th semester
	Suggested to use tools like Cursor / Replit / Gemini for practical exposure	Vibe coding	Suggestions incorporated
Dr. Shyam Diwakar (Subject Expert)	Suggested to include GPU accelerated AI concepts and its usage rather than to give the architectural concepts	GPU architecture and Programming	Suggestions incorporated
Mr. Dheepak Ganesamoorthi (Alumni Expert)	Inclusion of PromptOps	Machine Learning Operations	Suggestions incorporated
	Inclusion of Agentic communication protocols	Agentic AI	Agentic Communication protocols – MCP, ACP included

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SEMESTER - V						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25EC2301	Communication Theory	PCC	3	0	0	3
25EC2302	Digital Signal Processing	PCC	3	0	0	3
25XX2XXX	Open Elective 2	OEC	3	0	0	3
25EC2XXX	Professional Elective 2	PEC	3	0	0	3
25XX2XXX	Value Added Course 2	VAC	2	0	0	2
THEORY CUM PRACTICALS						
25EC2351	Embedded Systems	PCC	2	0	2	3
25XX2XXX	Multidisciplinary Course 1	MDC	2	0	2	3
PRACTICALS						
25EC2371	Analog and Digital Communication Laboratory	PCC	0	0	2	1
25EC2372	Digital Signal Processing Laboratory	PCC	0	0	2	1
25EC2373	Multidisciplinary Project	ELC	0	0	4	2
Total						24

SEMESTER - VI						
Course Code	Course Title	Category	L	T	P	C

THEORY						
25HS2XXX	Management Course 1 (Engineering Project Management / Total Quality Management / Fundamentals of Management for Engineers)	HSSM	3	0	0	3
25EC2303	Transmission Lines and Waveguides	PCC	3	0	0	3
25EC2304	Computer Communication Networks	PCC	3	0	0	3
25EC2XXX	Professional Elective 3	PEC	3	0	0	3
25EC2XXX	Skill Enhancement Course 2	SEC	2	0	0	2
25XX2XXX	Liberal Arts Course	LAC	2	0	0	2
THEORY CUM PRACTICALS						
25EC2352	Control Systems Engineering	PCC	2	0	2	3
25XX2XXX	Multidisciplinary Minor Course 2	MDC	2	0	2	3
Total						24

PROFESSIONAL ELECTIVES - VERTICALS						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25EC2XXX	Low Power VLSI Design	PEC	3	0	0	3
25EC2XXX	Digital Image Processing	PEC	3	0	0	3
25EC2XXX	Optical Fibre Communication	PEC	3	0	0	3
25EC2XXX	Communication Switching Networks	PEC	3	0	0	3
25EC2XXX	Communication Network Security	PEC	3	0	0	3
25EC2XXX	RF MEMS	PEC	3	0	0	3
25EC2XXX	RF Circuit Design	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25EC2XXX	ASIC System Design	PEC	2	0	2	3

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr. V.P.Harigovindan,	Communication Theory	• The current syllabus is extensive and content-	It will be Incorporated.

Expert Nominee		heavy. It is recommended to relocate the topic "Spread Spectrum" to the Wireless Communication course, where it aligns more appropriately with application oriented learning.	Spread Spectrum Module is removed. Moved to Wireless Communication Course.
Dr.G.Srivatsun, Expert Nominee	Communication Theory	- Error control topics given in the communication theory course can be moved to elective course like statistical communication theory - Communication Theory to be renamed as Analog and Digital Communication	Error Control coding is retained. It will be renamed.
Dr.G.Srivatsun, Expert Nominee	Analog and Digital Communication Laboratory	Course outcome actions verbs can be rephrased.	It will be rephrased
Dr. E.S.Gopi, University Nominee	Digital Signal Processing	Processor part can be moved to some other hardware related courses like Microcontrollers	Digital signal processor module is retained.
Dr. V.P.Harigovindan, Expert Nominee	Computer Communication and Networks	Network Layer: Suggested to add Classless Inter-Domain Routing (CIDR) for improved coverage of modern IP addressing techniques. Application Layer: Introduce fundamentals of: HTTP, FTP & SMTP	It will be Incorporated
Dr. E.S.Gopi, University Nominee	Computer Communication and Networks	Introduction to Physical layers, Error detection and error correction topics can be removed.	It will be Incorporated
Dr.G.Srivatsun, Expert Nominee	Optical fiber communication (PEC)	Introduction to free space optics may be included under optical source module	It will be Included
Dr.G.Srivatsun,	RF MEMS	Reconfigurable filters can	It will be Included

Expert Nominee	(PEC)	be included	
Dr.G.Srivatsun, Expert Nominee	RF Circuit Design (PEC)	Amplifier classes of operation and Biasing networks has to be included under RF amplifiers Maximum gain amplifiers can be included in RF amplifiers	It will be Included
Dr. E.S.Gopi, University Nominee	Digital Image Processing (PEC)	Image Enhancement and Restoration module may be combined as single module Pattern recognition has to be included, Image segmentation and Pattern recognition can be combined as single module Colour image processing can be given as separate module Wavelet transform topic can be moved to first module Morphology topic can be included under Image Enhancement	It will be Incorporated
Dr. V.P.Harigovindan, Expert Nominee	Internet of Things (Open Elective)	Syllabus has to be reframed suggested to Include fundamental concepts of IoT, IoT architecture, Sensors and actuators , Basic communication models and Real-world applications	It will be Incorporated
Dr. V.P.Harigovindan, Expert Nominee	Principles of Communication Engineering (Open Elective)	Importance of Wireless communication is not much needed in communication engineering Remodification of the course with basic topics can be done.	It will be Incorporated

**DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION
ENGINEERING**

SEMESTER - V						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25EI2300	Industrial Automation	PCC	2	0	0	2
25EI2301	Industrial Instrumentation I	PCC	2	0	0	2
	Professional Elective II	PEC	3	0	0	3
	Open Elective II	OEC	3	0	0	3
THEORY CUM PRACTICALS						
25EI2350	Digital Signal Processing and Applications	PCC	2	0	2	3
25IT22255	Programming in Java	MDC	2	0	2	3
PRACTICALS						
25EI2370	Hardware Description Language Laboratory	PCC	0	0	2	1
25EI2371	Industrial Automation Laboratory	PCC	0	0	2	1
25EI2291	Piping and Instrumentation Diagram	SEC	1	0	2	2
	Management related courses	VAC	2	0	0	2
Total						23

SEMESTER - VI						
Course Code	Course Title	Category	L	T	P	C
THEORY						
	Entrepreneurial skills and Management/Total Quality Management	HSSM	3	0	0	3
25EI2302	Power Electronics and Applications	PCC	2	0	0	2
25EI2303	Process Dynamics and Control	PCC	3	1	0	4
25EI2304	Industrial Instrumentation II	PCC	2	0	0	2
	Professional Elective III	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25EI2351	Model Based System Design	PCC	1	0	2	2

25AD2262	AI for Instrumentation Engineers	MDC	2	0	2	3
PRACTICALS						
25EI2372	Process Dynamics and Control Laboratory	PCC	0	0	2	1
25EI2373	Industrial Instrumentation Laboratory	PCC	0	0	2	1
25EI2374	Multidisciplinary Project	ELC	0	0	2	1
Total						23

PROFESSIONAL ELECTIVES – VERTICALS						
Course	Course Title	Category	L	T	P	C
THEORY						
Electronics						
25EI2320	Quantum Devices and Circuits	PEC	3	0	0	3
25EI2328	Industrial Data Communication	PEC	3	0	0	3
25EI2325	VLSI Design	PEC	3	0	0	3
Control and Automation						
25EI2322	Cyber Security for Automation	PEC	3	0	0	3
25EI2327	Robotics Technology	PEC	3	0	0	3
25EI2324	Sensor Fusion	PEC	3	0	0	3
Applied Instrumentation						
25EI2321	Electric Vehicle Technology	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25EI2323	Biomedical Instrumentation	PEC	2	0	2	3
25EI2326	Analytical Instrumentation	PEC	2	0	2	3

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr.P.Subha Karuvelam University Nominee Professor, Department of EEE, Government College of Engineering, Tirunelveli	25EI2302 Power Electronics and Applications	The course content to be reduced because it is a 2 credit course.	Reduced the contents. Only essential content to be included

R.Banu Rekha Subject Expert Associate Professor, Department of BME,PSG College of Technology, Coimbatore		Mention Power Electronics applications in Electric Vehicles (EV) would make the course appear industry relevant.	Included in the syllabus
Dr.Sukomal Dey Subject Expert Associate Professor, Dept. of EEE, IIT Palakkad, Kanjicode, Kerala	25EI2372 Process Dynamics and Control Laboratory	Suggested to expand the abbreviation (Q) in the title of experiment	Changed the name as Reinforcement Learning(Q)
	25EI2323 Biomedical Instrumentation	It was recommended to include few practical applications under each Case Studies 1 and 2	Few practical applications is included
	25EI2326 Analytical Instrumentation	It was advised to verify the allotted number of hours. (2 0 2 3C)	Verified and corrected in the syllabus
R.Banu Rekha Subject Expert Associate Professor, Department of BME,PSG College of Technology, Coimbatore	25AD2262 AI for Instrumentation Engineers	Since the course is designed exclusively for Instrumentation Engineers, each unit/module should have a specific case study related to instrumentation. In the same course, it would be better if a reference book is added that discusses about AI in Instrumentation field.	Reference book included in the syllabus
Mr. Srikanth Gowtham, Industry Expert Industry Representative Associate group Manager, Leading Digital Engineering and Transformation, Voya India, Bangaluru		Suggested to add new GenAI models.	Included In the syllabus
R.Banu Rekha Subject Expert Associate Professor,	25EI2286 Embedded and IoT Systems	Suggest to include an additional reference book on IoT.	One more reference book on IoT is included

Department of BME,PSG College of Technology, Coimbatore	25IT2255 Programming in Java	The course outcomes appear generic and to be revised. Include domain specific applications for JAVA programming.	COs are revised and domain specific applications will be given as Term Work
Mr. L. P. Ganesh Meritorious Alumnus Associate Tech Director, Engineering Manager, Bosch Global Software Technologies Pvt. Ltd.,Hosur Road, Bengaluru, Karnataka	25EI2351 Model Based System Design	Include the following reference link for the topic SPES framework. https://www.qualicen.de/getting-started-spes-system-modeling-framework/	Included
		Suggested to integrate Python with AI/ML since it is the heart of integrating MBSE with Artificial Intelligence and Machine Learning.	Already students have studied Python. Workshop may be conducted on integration of the Python with AI/ML for practical applications.
		Insisted to look into SysML v2, because it is a new topic upcoming in industry to link system components with business processes modelled in BPMN, enabling better decision-making in the system architecture design process.	Already included in the syllabus

DEPARTMENT OF BIOMEDICAL ENGINEERING

SEMESTER - V							
Course Code	Course Title	Category	L	T	P	C	
THEORY							
25BM2205	Regulatory Affairs, Bioethics & IPR	HSSM	2	0	0	2	
25BM2300	Microcontroller and its application	PC	3	0	0	3	
25BM2301	Diagnostic & Therapeutic Equipment	PC	3	0	0	3	
25BM2XXX	Professional Elective I	PE	3	0	0	3	
25XX2XXX	Open Elective II	OE	3	0	0	3	
25BM2106	Quality Management and Patient Safety	VAC-2	2	0	0	2	

	in Healthcare					
THEORY CUM PRACTICALS						
25XX2XXX	1. Mobile App Development 2. Java Programming	MDC	2	0	2	3
PRACTICALS						
25BM2373	Microcontroller and its application Lab	PC	0	0	2	1
25BM2374	Diagnostic & Therapeutic Equipment Lab	PC	0	0	2	1
25BM2375	Multidisciplinary Project	ELC	0	0	2	2
Total						23

SEMESTER - VI						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25BM2302	Radiological Equipment and Nuclear Medicine	PCC	3	0	0	3
25BM2400	Medical Data Analytics	PCC	3	0	0	3
25BM2401	Medical Image Processing	PCC	3	0	0	3
25BM2XXX	Professional Elective II	PE	3	0	0	3
25XX2XXX	Vedic Mathematics/ Cultural heritage of India/ Dance / Music/ Yoga	LAC	2	0	0	2
THEORY CUM PRACTICALS						
25XX2XXX	1. Embedded and Internet of Things 2. Medical Robotics 3. ARVR	MDC	2	0	2	3
PRACTICALS						
25BM2470	Medical Data Analytics Laboratory	PCC	0	0	2	1
25BM2471	Medical Image Processing Laboratory	PCC	0	0	2	1
25BM2376	3D Modeling and Simulation Tools	SEC-2	0	0	4	2
Total						21

PROFESSIONAL ELECTIVES - VERTICALS						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25BMxxxx	Critical Care Equipment	PEC	3	0	0	3
25BMxxxx	Biomedical Photonics	PEC	3	0	0	3
25BMxxxx	Introduction to Brain and Neuroscience	PEC	3	0	0	3

25BMxxxx	Bio-inspired Soft Computing	PEC	3	0	0	3
25BMxxxx	Computational Neuroscience	PEC	3	0	0	3
25BMxxxx	Biofluid Dynamics	PEC	3	0	0	3
25BMxxxx	Sports Biomechanics	PEC	3	0	0	3
25BMxxxx	Cell and Cancer Biology	PEC	3	0	0	3
25BMxxxx	Elements of Biotechnology	PEC	3	0	0	3
25BMxxxx	Drug delivery system	PEC	3	0	0	3
25BMxxxx	Bioinformatics	PEC	3	0	0	3
25BMxxxx	Nanotechnology in medicine	PEC	3	0	0	3
25BMxxxx	Engineering Economics	PEC	3	0	0	3
25BMxxxx	Biomedical Waste Management	PEC	3	0	0	3
25BMxxxx	Biomedical Sports Management	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25BMxxxx	Molecular Diagnostics	PEC	2	0	2	3

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr. S. VidhyaLakshmi, Subject Expert from Parent University	3D Modeling and Simulation Tools	- Remove the topic on sequence analysis. - Include tools related to molecular dynamics, specifically the Growmax tool.	Suitable changes are incorporated by including alternate open source tools
	Drug Design and Drug Delivery System	- Considering the complexity of drug design for Biomedical Engineering students, it is recommended to focus exclusively on drug delivery systems. - The course may be retitled as Drug Delivery Systems or Principles of Drug Delivery Systems.	Course title is retitled as "Drug Delivery Systems"
	Bioprocessing and Bioinformatics	- It is suggested to separate the combined course into two distinct areas. - As bioprocessing is more aligned with Biotechnology and may be	Course content is modified and retitled as Bioinformatics

		challenging for Biomedical Engineering students, the course may be offered as Bioinformatics only, which is more relevant to the discipline.	
Mr. Janak Y. Dave, Alumni Representative,	25BM2400 – Medical Data Analytics	The CNN content in Unit IV overlaps with Unit IV of 25BM2401 – Medical Image Processing. It is suggested that 25BM2400 focus more on RNNs and LSTMs, while CNNs can be covered in depth in 25BM2401.	Modifications are incorporated in the respective courses
	25BM2401 – Medical Image Processing	The duration allotted to Unit III (Image Segmentation) may be redistributed to Units I and IV to strengthen fundamental concepts and industry-relevant applications. Unit IV would also benefit from a more architecture-focused teaching approach to enhance conceptual clarity.	Contact Hours redistribution is done as per the suggestion
	25BM2471 and 25BM2470	It is recommended to use Visual Studio Code (VS Code) as the IDE for Python programming, as it is widely adopted in industry practice.	The suggestions were included in the respective courses

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

SEMESTER - V						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25EE2300	Transmission and Distribution of Electrical Energy	PCC	3	0	0	3
25EE2301	Control Engineering	PCC	2	1	0	3
25EEXXX	Professional Elective II	PEC	3	0	0	3
25EEXXX	Open Elective II	OEC	3	0	0	3
25ITXXX	Programming in JAVA	MDC	2	0	2	3
	VAC Course 2	VAC	2	0	0	2

THEORY CUM PRACTICALS						
25EE2350	Microcontroller and Embedded Systems	PCC	2	0	2	3
PRACTICALS						
25EE2370	Control Engineering Laboratory	PCC	0	0	2	1
25EE2371	Multi-disciplinary Project	ELC	0	0	4	2
25EE2400	Internship / Field Project	ELC				
Total			17	1	10	23

SEMESTER - VI						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25HSXX	Total Quality Management	HSSM	3	0	0	3
25EE2303	Electrical Machine Design	PCC	3	0	0	3
25EE2304	Power Electronics	PCC	2	1	0	3
25EE2305	Power System Analysis	PCC	2	1	0	3
25EEXXX	Professional Elective III	PEC	3	0	0	3
25EE2302	Course 2 –ANSYS EM	SEC	1	0	2	2
THEORY CUM PRACTICALS						
25EE2351	Model Based System Design for Electric Vehicles	PCC	1	0	4	3
PRACTICALS						
25EE2372	Power Electronics Laboratory	PCC	0	0	2	1
25EE2373	Power System Simulation Laboratory	PCC	0	0	2	1
25EE2400	Internship / Field Project	ELC				
Total			15	2	10	22

PROFESSIONAL ELECTIVES - VERTICALS						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25EE2E2329	Vehicle dynamics and Engineering	PEC	3	0	0	3
25EE2E2330	Battery Cell Technology	PEC	3	0	0	3
25EE2E2331	Special Electrical Machines	PEC	3	0	0	3
25EE2E2333	Smart Grid and Data Analytics	PEC	3	0	0	3

25EE2E2334	Deregulated Power Systems	PEC	3	0	0	3
25EE2E2335	Energy Efficiency and Auditing	PEC	3	0	0	3
25EE2E2336	Computer Networks	PEC	3	0	0	3
THEORY CUM PRACTICALS						
25EE2E2332	Semiconductor Device Modelling	PEC	1	0	4	3

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr. S. Kumaravel, (Subject Expert from other University), Professor, Department of Electrical Engineering, National Institute of Technology, Kerala	25EE2300 – Transmission and Distribution of Electrical Energy	Recommended to include numerical problem-solving in the module Modelling of Transmission Lines	As recommended, numerical problem solving was included in the module Modelling of Transmission Lines
	25EE2305 – Power Electronics.	Suggested to add applications in all modules. Further recommended specifying topics such as Choppers and DC-DC Converters instead of using the generalized term “Switched Mode Power Converters.”	As suggested, the topic applications were included in all the modules and the specific topics were added.
	25EE2351 – Model Based System Design for Electric Vehicles	Proposed revising the course content of 25EE2351 – Model Based System Design for Electric Vehicles to better align with the course title. Also suggested referring to the syllabus of National Institute of Technology Calicut.	As recommended, the course content were modified by referring the course content of the course ELECTRIC VEHICLE SYSTEM ENGINEERING AND POLICY offered to M.Tech in Electric Vehicle Engineering programme at NIT, Calicut.
	25EE2331 – Special Electrical Machines	Recommended including the topic Closed Loop Control of Machine across all modules in the course 25EE2331 – Special Electrical Machines to ensure uniformity in the syllabus.	The topic Closed Loop Control of Machine has been included in relevant modules to maintain uniformity in the syllabus.

Mr. Premsunder Ravi, (Industry Expert) Senior Program Manager - Technical Capability Building M/s. Mahindra & Mahindra Ltd, Mahindra Technical Academy, Mahindra Research Valley, Chennai.	25EE2330 – Battery Cell Technology	Suggested adding the topic Solid State Batteries in the course 25EE2330 – Battery Cell Technology. The Chairperson clarified that this topic is already covered in the course 25CH2105 – Electrochemical Science.	25EE2330 – Battery Cell Technology: The inclusion of Solid State Batteries was reviewed, and it was confirmed that the topic is already covered in 25CH2105 – Electrochemical Science. Hence, no duplication was made.
	25EE2242 – Electrical Safety Engineering	Recommended including the topic High Voltage Safety in the course 25EE2242 – Electrical Safety Engineering.	25EE2242 – Electrical Safety Engineering: The topic High Voltage Safety has been included in the syllabus.
	25EE2109 – Electric Vehicles	Advised incorporating the topic Range Extender (REX) in the course 25EE2109 – Electric Vehicles.	25EE2109 – Electric Vehicles: The topic Range Extender (REX) has been included in the syllabus to cover extended-range EV technologies.
Dr. K. Elanseralathan, Professor & Head, Department of EEE, Puducherry Technological University, Puducherry	25EE2108 – Energy Conservation Techniques in Buildings	Suggested including the topic Energy Efficient Systems in Buildings in the course 25EE2108 – Energy Conservation Techniques in Buildings.	25EE2108 – Energy Conservation Techniques in Buildings: The topic Energy Efficient Systems in Buildings has been included in the syllabus to improve the course relevance to energy conservation practices in modern buildings.
Mr. K. Jagadeesh, Deputy General Manager, M/s. Lauritz Knudsen Electrical & Automation, Coimbatore	25EE2242 – Electrical Safety Engineering	Recommended including the topic Battery Safety and Handling in the course 25EE2242 – Electrical Safety Engineering.	25EE2242 – Electrical Safety Engineering: The topic Battery Safety and Handling has been included in the syllabus.

ITEM No. 07

PG REGULATIONS 2025 – NEW COURSES PASSED IN BOS (1st Semester)

ECE DEPARTMENT - PG – VLSI Design

PG – VLSI DESIGN		SEMESTER - I				
Course Code	Course Title	Category	L	T	P	C

THEORY						
26XXXXXX	Advanced Applied Mathematics	PCC	3	1	0	4
26XXXXXX	Digital IC Design	PCC	3	0	0	3
26XXXXXX	VLSI Testing	PCC	3	0	0	3
26XXXXXX	Device Modelling	PCC	3	0	0	3
26XXXXXX	Research Methodology and IPR	VAC	2	0	0	2
THEORY CUM PRACTICALS						
26XXXXXX	FPGA based Digital Design	PCC	1	0	4	3
26XXXXXX	Electronic Device Characterization	PCC	1	0	4	3
PRACTICALS						
26XXXXXX	VLSI IC Design Laboratory	PCC	0	0	4	2
Total						23

ECE DEPARTMENT - PG –Embedded System Technologies

PG – EST		SEMESTER - I				
Course Code	Course Title	Category	L	T	P	C
THEORY						
26MAXXX	Advanced Applied Mathematics	PCC	3	1	0	4
26ES15XX	Embedded Controllers and Applications	PCC	3	1	0	4
26ES15XX	Software for Embedded Systems	PCC	3	0	0	3
26ES15XX	Embedded System Design	PCC	3	0	0	3
26ES15XX	Real-Time Operating Systems	PCC	1	0	4	3
26XXXXXX	Research Methodology and IPR	VAC	2	0	0	2
THEORY CUM PRACTICALS						
26ES15XX	Embedded System Laboratory - I	PCC	0	0	4	2
26ES15XX	Embedded Programming Laboratory -I	PCC	0	0	4	2
Total						23

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
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Dr. V.P.Harigovindan, Expert Nominee and Dr. Selvakumar, Industry Expert	Device Modelling (PG – VLSI Design)	• Device modelling can be given as Semiconductor Device Modelling and VLSI IC design Laboratory can be modified as Digital IC Design Laboratory • suggested to include ASIC Design Course	It will be Incorporated
Dr. V.P.Harigovindan, Expert Nominee	Embedded System Laboratory & Embedded Programming Laboratory (PG – EST)	• Suggested to change the course title: ES Laboratory – I & ES Laboratory – II, Embedded Programming Laboratory – I & II • Suggested to include some application oriented contents, highlighting Industrial automation systems, Automotive embedded systems, Medical and aerospace applications	It will be Incorporated

NANO SCIENCE AND TECHNOLOGY

SEMESTER - I							
Course Code	Course Title	Category	L	T	P	C	
THEORY							
26NT1501	MATHEMATICAL MODELING AND COMPUTATIONAL ANALYSIS	PCC	3	0	0	3	
26NT1502	FUNDAMENTALS OF NANOSTRUCTURED MATERIALS	PCC	3	0	0	3	
26NT1503	PRINCIPLES OF MATERIALS SCIENCE	PCC	3	0	0	3	
26NT1504	NANOTECHNOLOGY APPLICATIONS AND SUSTAINABILITY	PCC	3	0	0	3	
26NT1505	RESEARCH METHODOLOGY, SCHOLARLY AI TOOLS AND IPR	VAC	2	0	0	2	
THEORY CUM PRACTICALS							
26NT1551	ADVANCED NANOMATERIAL SYNTHESIS	PCC	3	0	2	3	

	TECHNIQUES					
26NT1552	ADVANCED CHARACTERIZATION TECHNIQUES FOR NANOMATERIALS	PCC	3	0	2	4
PRACTICALS						
26NT1571	NANOMATERIALS COMPUTATIONAL AND ANALYSIS LABORATORY	PCC	0	0	4	2
Total			20	0	8	23

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME	COURSE NAME	SUGGESTIONS	ACTION TAKEN
Dr. M. Arivanandhan	26NT1501 - Mathematical Modeling and Computational Analysis	Convert theory-cum-laboratory course into a theory-only course	Entire syllabus was revised
Dr. R.T. Rajendra Kumar Dr. V. Pandiyarasan	26NT1502 - Fundamentals of Nanostructured Materials	- Avoid the words “Basic”, “Introduction” throughout the syllabus - Transfer the topic “AI and Machine learning in nanostructure prediction” to another core course “Advanced Nanomaterial Synthesis Techniques”	The recommended changes are made in the syllabus
Dr. R.T. Rajendra Kumar Dr. V. Pandiyarasan	26NT1503 – Principles of Materials Science	- Reduce the number of derivation-intensive topics - Recommend to add relevant reference book	The recommended changes are made in the syllabus
Dr. M. Arivanandhan Dr. R.T. Rajendra Kumar	26NT1504 – Nanotechnology Applications and Sustainability	- Avoid the word “Ethics” in syllabus and reframe the Module 5 in concise manner - Recommend to allocate more lecture hour to Module 1 to 4 and reduce for Module 5	The recommended changes are made in the syllabus
Dr. M. Arivanandhan Dr. R.T. Rajendra Kumar Dr. V. Pandiyarasan	26NT1551 - Advanced Nanomaterial Synthesis Techniques	- Convert theory-only course into a theory-cum-laboratory course - Reviewing the Module 4 and integrating its topics into other modules.	Entire syllabus was revised

Dr. M. Arivanandhan Dr. V. Pandiyarasan	26NT1552 – Advanced Characterization Techniques for Nanomaterials	- Recommend to change the title - Recommend to add relevant reference book	The recommended changes are made in the syllabus
Dr. M. Arivanandhan Dr. R.T. Rajendra Kumar Dr. V. Pandiyarasan	26NT1571 – Nanomaterials and Computational Analysis Laboratory	- Recommend to include three simulation experiment - Suggest to add one characterization study with sample preparation experiment	The recommended changes are made in the syllabus
Dr. V. Pandiyarasan	26NT1505 - Research Methodology, Scholarly AI Tools and IPR	Include the Bureau of Indian Standards (BIS) measurement standards topic	The recommended changes are made in the syllabus

CSE DEPARTMENT - M.E Artificial Intelligence and Data Science

Semester I						
Course Code	Course Title	Category	L	T	P	C
THEORY						
26MA1502	Mathematics for Data Science	PCC	3	1	0	4
26AD1500	Data Structures for Data Science	PCC	3	0	0	3
26AD1501	Machine Learning	PCC	3	0	0	3
26NTXXXX	Value Added Course (Research Methodology, Scholarly AI Tools and IPR)	VAC	2	0	0	2
THEORY CUM PRACTICALS						
26AD1550	Data Science	PCC	2	0	2	3
26AD1551	Data Engineering for AI	PCC	3	0	2	4
PRACTICALS						
26AD1570	Data Structures Laboratory	PCC	0	0	4	2
26AD1571	Machine Learning Laboratory	PCC	0	0	4	2

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN

Dr. Rajeswari Sridhar, University Nominee, Professor, NIT, Trichy	Next-Generation Artificial Intelligence Systems	✓ A course titled 'Machine Learning' could be included in the first semester instead of having 'Next-Generation Artificial Intelligence Systems' course.	✓ A course titled 'Machine Learning' is included in the first semester instead of having 'Next-Generation Artificial Intelligence Systems' course.
Dr. Rajeswari Sridhar, University Nominee, Professor, NIT, Trichy	Data Structures Laboratory	✓ The course titled 'Computational Data Structures Laboratory' could be changed as Data Structures Laboratory'.	✓ The course titled 'Computational Data Structures Laboratory' could be changed as Data Structures Laboratory'.
Dr.Suresh Purini, Subject Expert from outside the Parent University, IIIT, Hyderabad	Data Structures for Data Science	✓ The course title 'Data Structures for Data Science' could be changed as Data Structures.	✓ The Chairperson expressed that more concepts of Data Science are included in the syllabus and so the title remains the same.

ITEM NO. 08

MBA REGULATIONS 2025 – NEW COURSES PASSED IN BOS

MBA						
Course Code	Course Title	Category	L	T	P	C
THEORY						
25BA1E51	AI for Business Decisions	Open Electives	3	0	0	3

Management Course for Engineering Students						
Course Code	Course Title	Category	L	T	P	C
THEORY						
	Entrepreneurial Development and Innovation for Engineers	Management Course	2	0	0	2
Value Added Course for Engineering Students						
	Fintech for Engineers	VAC	2	0	0	2
	Finance for Engineers	VAC	2	0	0	2

SUGGESTIONS AND ACTION TAKEN

EXPERT NAME with Affiliation	COURSE NAME	SUGGESTIONS	ACTION TAKEN
University Nominee Dr. C. Muthuvelayutham, Associate Professor, Department of Management Sciences, Anna University Regional Campus, Madurai.		Suggested to provide NPTEL courses for credit transfer for all other specialisations	Considered for addition
Central University Dr.A.Mansurali Assistant Professor Department of Management, Central University of Tamil Nadu, Thiruvarur.	25BA1E51	Suggested to check if any topics present in the course "AI for Business Decisions" are repeated in other courses.	Clarified
Expert from Industry: Mr.P.K. Dhanesh I-Bacus-Tech Solutions Private Limited Coimbatore		Appreciated the Entrepreneurial Development Course Content.	
Other University Dr.J.Reeves Wesley, Professor, VIT Business School, Chennai		Clarified whether MBA also have Fintech course and the difference.	Clarified

ITEM NO. 09

The Controller of Examinations presented the academic performance of Nov / Dec 2025/ Jan 2026 End Semester Examinations passed in the 71st & 72nd Result Passing Board.

SEM: 09

NOV/DEC 2025

S. No	Batch	Programme	Branch	Appeared	Passed	Pass percentage (%)
1	2021	M.TECH	CSE	37	37	100

SEM: 07

NOV/DEC 2025

S. No	Batch	Programme	Branch	Appeared	Passed	Pass percentage (%)
1	2022	BE	MECH	97	93	95.88
2			EEE	96	95	98.96
3			ECE	198	189	95.45

4			EIE	65	61	93.85
5			CSE	202	200	99.01
6			BME	58	58	100
7			AERO	32	28	87.5
8			CIVIL	52	49	94.23
9			R&A	63	59	93.65
10		B.TECH	IT	134	131	97.76
11			AIDS	63	59	93.65
12		M.TECH	CSE	59	59	100
OVERALL PASS PERCENTAGE				1119	1081	96.60

SEM: 05
NOV/DEC 2025

CENTRAL BOARD OF TECHNICAL EDUCATION				NOV/DEC 2023		
S. No	Batch	Programme	Branch	Appeared	Passed	Pass percentage (%)
1	2023	BE	MECH	92	50	54.35
2			EEE	104	97	93.27
3			ECE	201	166	82.59
4			EIE	68	65	95.59
5			CSE	221	201	90.95
6			BME	55	51	92.73
7			AERO	29	21	72.41
8			CIVIL	61	33	54.1
9			R&A	64	49	76.56
10		B.TECH	IT	132	109	82.58
11			AIDS	68	59	86.76
12		M.TECH	CSE	58	53	91.38
OVERALL PASS PERCENTAGE				1153	954	82.74

SEM: 03
NOV/DEC 2025

S. No	Batch	Programme	Branch	Appeared	Passed	Pass percentage (%)
1	2024	BE	MECH	97	50	51.55
2			EEE	98	70	71.43
3			ECE	202	153	75.74
4			EIE	66	44	66.67
5			CSE	218	169	77.52
6			BME	53	49	92.45
7			AERO	32	25	78.13
8			CIVIL	62	27	43.55
9			R&A	61	45	73.77
10		B.TECH	IT	138	93	67.39
11			AIDS	70	50	71.43

12		M.TECH	CSE	59	46	77.97
OVERALL PASS PERCENTAGE				1156	821	71.02

PG SEM: 3

NOV/DEC 2025

S. No	Batch	Programme	Branch	Appeared	Passed	Pass percentage (%)
1	2024	ME	AIDS	6	6	100
2			EST	2	2	100
3			VLSI	1	1	100
4			RA	2	2	100
5			NANO	2	2	100
5		MBA		60	58	96.67
OVERALL PASS PERCENTAGE				73	71	97.26

Ph.D. 3rd Semester

S. No	Batch	Programme	Branch	Appeared	Passed	Pass percentage (%)
1	2024	Ph.D.	ICE	1	1	100
OVERALL PASS PERCENTAGE				1	1	100

SEM: 01

NOV/DEC 2025

NOV/DEC 2025						
S. No	Batch	Programme	Branch	Appeared	Passed	Pass percentage (%)
1	2025	BE	MECH	92	70	76.09
2			EEE	93	83	89.25
3			ECE	192	159	82.81
4			EIE	60	38	63.33
5			CSE	201	169	84.08
6			BME	60	40	66.67
7			AERO	32	18	56.25
8			CIVIL	61	40	65.57
9			R&A	62	36	58.02
10		B.TECH	IT	128	94	73.44
11			AIDS	65	56	86.15
12		M.TECH	CSE	57	46	80.7
OVERALL PASS PERCENTAGE				1103	849	76.79

PG SEM: 1

NOV/DEC 2025

S. No	Batch	Programme	Branch	Appeared	Passed	Pass percentage
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						(%)
1	2025	ME	AIDS	6	6	100
2			EST	3	3	100
3			VLSI	2	2	100
4			RA	6	6	100
5			NANO	2	2	100
5		MBA		48	47	97.92
OVERALL PASS PERCENTAGE				67	66	98.51

Ph.D. 2nd Semester

S. No	Batch	Programme	Branch	Appeared	Passed	Pass percentage (%)
1	2025	Ph.D.	Electrical	2	2	100
2			ICE	7	7	100
3			ECE	5	5	100
OVERALL PASS PERCENTAGE				14	14	100

Ph.D. 1st Semester

S. No	Batch	Programme	Branch	Appeared	Passed	Pass percentage (%)
1	2025	Ph.D.	ECE	1	1	100
2			S&H	1	1	100
OVERALL PASS PERCENTAGE				2	2	100

ITEM No.10

Resolution for the approval of the Candidates who had undergone Honors/Minors courses during the odd semester of the academic year 2025-2026 as per the 30th Academic Council of Anna University, Chennai circular dated 28.11.2023

Lr. No. 4069/AU/CAC/Reg2023.

Programme	Specialization/ Minor Courses	Category	Batch : 2022 – 2026		Batch : 2023 - 2027	
			Count*	Count**	Count*	Count**
Mechanical Engineering	Robotics	Honours	2	–	4	2
Electrical and Electronics	Electric Vehicles	Honours	6	7	11	4

Engineering						
Electronics and Communication Engineering	Internet of Things	Honours	20	4	20	–
Computer Science and Engineering	AI/ML	Honours	16	5	17	2
	AR/VR	Honours	2	–	9	–
	AI/ML	Minor	6	2	7	1
Information Technology	Cyber Security	Honours	9	2	12	1
Electronics and Instrumentation Engineering	Sensors Technology	Honours	7	4	10	–
		Minor	5	–	–	–
Aeronautical Engineering	Drone Technology	Honours	–	–	5	5
Civil Engineering	Green Technology	Honours	5	2	8	1
Artificial Intelligence and Data Science	Intelligent systems	Honours	8	2	2	–
Total			86	28	105	16

* Eligible for Honors/Minors as per Anna University Guidelines.

* * Eligible for certification by Centre for Continuing Education of SREC.

ITEM No.11

The Controller of Examinations presented the details of the candidates who had completed mandatory courses in various B.E./B.Tech/M.Tech(Int) programmes under SREC Revised Regulations 2020.

- Personality and Character development
- Allied Skills (Technical Certification)
- Employability Enhancement Course

Programmes	Number of Students Batch: 2024 - 2028	Number of Students Batch : 2023 - 2027
Aeronautical Engineering	1	29
Mechanical Engineering	-	2
Electrical and Electronics Engineering	-	85

Electronics and Communication Engineering	91	-
Computer Science Engineering	11	-
Biomedical Engineering	3	-
Artificial Intelligence and Data Science	2	-
Civil Engineering	-	31
Robotics And Automation	1	15
Total	109	162

ITEM No.12

The students who had completed 4/6 weeks of internship/inplant training in various B.E./B.Tech/M.Tech(Int) programmes under SREC Revised Regulations 2020 was presented by the Controller of Examinations.

PROGRAMMES	Number of Students (2024-2028 Batch)	Number of Students (2023-2027 Batch)
Electrical and Electronics Engineering	95	90
Electronics and Communication Engineering	47	126
Computer Science and Engineering	0	210
Information Technology	7	134
Electronics and Instrumentation Engineering	66	68
Biomedical Engineering	51	55
Aeronautical Engineering	0	16
Artificial Intelligence and Data Science	33	68
Civil Engineering	8	22
Robotics and Automation	15	70
M.Tech- Computer Science and Engineering	57	59
Mechanical Engineering	-	10
Total	379	928

ITEM No.13

The Controller of Examinations presented the list of candidates readmitted during the even semester of the academic year 2025 – 2026.

S.No	Name and Roll No	Department	Semester & Year of Readmission
1.	Mr. MONISH KUMAR R & 71812202140	ECE	VI Sem / 2025
2.	Mr. RAGUL GOVINDARAJU & 2010060	RA	VI Sem / 2025
3.	Mr. TAMILKUMARAN M & 71812409040	CIVIL	II Sem / 2025

ITEM No.14

Comments from the Experts:

- All the members appreciated the achievement of the institution and securing 26 patent granted during the academic year 2025–2026.
- Dr. M. Arivanandhan, University Nominee, sought details regarding the Technology Transfer initiative with TENNECO, Bengaluru. Dr. P. Karuppusamy, Chairperson of Mechanical Engineering explained the process to the members, highlighting the developed technology for controlling iron content in pistons during melting, which was transferred to TENNECO.
- Dr. M. Arivanandhan, University Nominee, also enquired about branch-wise placement statistics and major placed programmes. Dr. C. Praveen Kumar, Placement Coordinator, informed the members that students from CSE and ECE branches recorded the highest placements.
- Dr. R. Chitra, Expert Nominee, enquired about the influence of Artificial Intelligence (AI) on the placement and recruitment process. Dr. C. Praveen Kumar, Placement Coordinator, responded that Artificial Intelligence (AI) does not influence the recruitment process. He further added that the institution is proactively preparing students by incorporating AI-related skills, and training programs to ensure they remain competitive and adaptable to evolving recruitment practices.
- Dr. R. Chitra, Expert Nominee, also enquired about the details of unique job offers. She suggested that programme-wise placement statistics be presented in the next Academic Council meeting.
- Dr. R. Chitra, Expert Nominee, emphasized the importance of strengthening students' understanding of core concepts in addition to software knowledge. She suggested that

efforts be made to prepare students to adapt to diverse roles and challenges in their careers.

- Dr. M. C. Sundarraja, University Nominee, appreciated the successful conduct of the international conference as recommended in the 23rd Academic Council meeting. He further suggested establishing collaborations with organizations such as the Builders Association of India, Coimbatore Local Chapter, IE(I), and ACCS Chapter to organize various programmes within the institution, thereby promoting students' skills and professional activities.
- Dr. M. C. Sundarraja, University Nominee, also enquired about the status of Memoranda of Understanding and the procurement of Building Information Modelling (BIM) facilities for the Civil Engineering programme. Dr. E. Sarojini informed the members that an MoU is in progress with Auger Engineers, and that an MoU has already been signed with ICTACT for Revit Architecture and BIM.
- Dr. M. C. Sundarraja, University Nominee, also suggested presenting programme-wise publication and citation data to better understand which programmes have higher research output.
- Dr. M. C. Sundarraja, University Nominee, highly appreciated the quantum of funds received for research and development as well as the number of patents secured during this academic year. He also commended the Civil Engineering programme for its notable improvement compared to previous meetings, highlighting increased student participation in various events, achievements in winning prizes, and the accomplishment of three Civil Engineering students being listed among the top GATE scorers.
- Dr. M. C. Sundarraja, University Nominee, also enquired about the placement statistics of the Civil Engineering programme. Dr. E. Sarojini informed the members that 12 students have been placed so far. He further enquired about testing and consultancy services, as well as the availability of any Centre of Excellence (CoE) laboratories for the Civil Engineering programme. He suggested establishing a CoE lab, which would be beneficial for NBA accreditation.
- Dr. T. R. Nandhakumar appreciated the Institution of Happiness (IOH) award presented to Sri Ramakrishna Engineering College by QS I-GAUGE, which is

designed to assess and celebrate the well-being and happiness practices of educational institutions.

- Dr. M. Arivanandhan, University Nominee enquired about the communication received from Anna University regarding the implementation of the Absolute Grading System for students admitted from the academic year 2025–2026. Dr. A. Grace Selvarani, Director – Quality Initiatives presented the communication letters to the members and explained the grading pattern in detail.
- Dr. M. Arivanandhan, University Nominee enquired why the total number of credits is kept common for all two-year M.E./M.Tech programmes, suggesting that each programme could have varying credit requirements. The Director – Quality Initiatives clarified to the members that a common total number of credits is being followed for all M.E./M.Tech programmes under SREC Regulation 2026.
- Dr. M. Arivanandhan, University Nominee, enquired about the modifications made in Regulation 2025 compared to the previous regulations. Dr. P. Karuppusamy, Chairperson of Mechanical Engineering, explained to the members that multidisciplinary courses and an increased number of theory-cum-laboratory courses have been incorporated into the current curriculum proposed under Regulation 2025.
- Dr. M. Arivanandhan and Dr. M. C. Sundarraja, University Nominees, enquired about the low pass percentage in the 5th semester of the Mechanical and Civil Engineering programmes. The members emphasized the need to identify the factors contributing to the failures and to take appropriate corrective measures to address the issue.
- Dr. M. C. Sundarraja, University Nominee, enquired about the specific courses in which Civil Engineering students had failed. Dr. E. Sarojini, Chairperson/Civil Engineering, informed the members that a higher number of failures were observed in Geotechnical Engineering, Foundation Engineering and Water and Wastewater Engineering. The member suggested conducting improvement tests during internal examinations to help students enhance their performance.
- Dr. R. Chitra, Expert Nominee suggested to rename the nomenclature ‘Minors’. She also recommended the University Nominees to represent the University for revising the nomenclature.

- Dr.T.R.Nandhakumar, Expert Nominee appreciated the Technology Transfer and he also suggested that it should be a bilateral process.
- Mr. A. Dhanajayan, Expert Nominee, enquired about student startup activities. The Chairperson of the Academic Council informed the members that five batches of students have initiated startups sponsored by MSME, and many others are being motivated through the Entrepreneurship Development Cell. He also noted that one student member of the 24th Academic Council has established a startup in the Computer Science domain. Dr. R. Chitra, Expert Nominee, responded that the government should continue to encourage and support such activities even after the completion of the course to promote startups.
- Members requested feedback from Mr. M. Harisudhan, student member from the Department of Information Technology, regarding startup activities. He shared the issues faced in registering a startup company. Dr. R. Chitra, Expert Nominee, enquired whether the startup had been registered with Startup India and Startup Tamil Nadu, and suggested registering with Startup Tamil Nadu as it provides various benefits and credits. Mr. M. Harisudhan informed the members that significant support had been received through the incubation centre of SREC and that the startup has been incubated at SPARC.
- Mr. S. Sujan, Student Member from the Department of Electrical and Electronics Engineering, emphasized that students should read textbooks to gain better knowledge and build strong fundamentals, which would help them secure placements in core companies.

ITEM No.15

The chairperson mentioned the receipt of the following circular from various apex and accrediting bodies of technical education

1. All India Council for Technical Education
2. Anna University, Chennai
3. Department of Technical Education

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

1. AICTE – Extension of Approval for the Academic Year 2026-27 - Reg.
F.No. Southern/1-46287085671/2026/EOA dated 13.04.2026

- ✧ **Explanatory Note: Received from AICTE for the extension of approval for the academic year 2026 – 2027 to Sri Ramakrishna Engineering College, Coimbatore.**

ANNA UNIVERSITY

2. Anna University - Absolute Grading System - Reg.

Letter No. AU/CAC/Absolute Grading/02 / 2025 – 26 dated 27.03.2026

- ✧ **Explanatory Note: Received from Anna University for the following of absolute grading system for the evaluation and passing of results who had joined from the academic year 2025 – 2026 and onwards.**

DEPARTMENT OF TECHNICAL EDUCATION

3. Technical Education – Engineering Colleges Readmission – 2025 – 2026 – Even Semester (II/IV/VI,VIII, X) – Readmission orders Issued - Reg.

Letter No. 2406/JI/2025 dated 04.03.2026

Monish Kumar R – 71812202140

Ragul Govindarajulu R – 2010060

Tamilkumaran M - 71812409040

- ✧ **Explanatory Note: Received from Department of Technical Education for the readmission of students.**

4. Technical Education – Engineering Colleges - Admission to PG (MBA/MCA/ME/M.Tech/ M.Arch/M.Plan/M.Sc)/B.Sc Degree Courses 2025 – 2026 – Verification of Original Certificates – Admission Approved Accorded - Reg.

Letter No. 039378/J1/2025 dated 27.10.2025

- ✧ **Explanatory Note: Received from Department of Technical Education for the PG admitted students verification of original certificates.**

5. Technical Education – Engineering Colleges - Admission to First Year UG B.E./B/Tech/ B.Arch Degree Courses – Verification of Original Certificates – Admission Approved Accorded - Reg.

Letter No. 041520/J2/2025 dated 2025

- ✧ **Explanatory Note: Received from Department of Technical Education for the first year admitted students verification of original certificates.**

6. Technical Education – Engineering Colleges – 2025 – 2026 - Admission to Lateral Entry (Direct Second Year) B.E./B/Tech Degree Courses – Verification of Original Certificates – Admission Approved Accorded - Reg.

Letter No. 035701/J2/2025 dated 03.11.2025

✦ **Explanatory Note: Received from Department of Technical Education for the lateral entry students verification of original certificates.**

ITEM No.16

The following resolutions were moved and approved in the 24th Academic Council Meeting.

1. Dr.A.Murugarajan moved the resolution for the approval of the existing regulations for the academic year 2026-2027.

Dr. R.Shanmugasundaram seconded the resolution.

2. Dr. P.Karuppuswamy moved the resolution for the approval of the decisions taken for the following of Absolute Grading System and award of letter grades for the students who had joined B.E./B.Tech programmes from the academic year 2025-2026 and onwards.

Dr.N.Susila seconded the resolution.

3. Dr.M.Jagadeeswari moved the resolution for the approval that PG Regulation 2026 (Outcome based Curriculum through Choice Based Credit system) will be followed for all the M.E./M.Tech programmes for students admitted in the Academic Year 2026 -2027 & onwards.

Dr.P. Moorthi seconded the resolution.

4. Dr.S.Allirani moved the resolution for the approval of the decisions taken in the various Board of Studies of B.E./B.Tech/M.Tech(Int) programmes under SREC Regulations 2025 for the curriculum and syllabi for the V and VI semesters.

Dr.E.Sarojini seconded the resolution.

5. Dr.A.Murugarajan moved the resolution for the approval of the decisions taken in the various Board of Studies of M.E./M.Tech programmes under SREC PG Regulations 2026 for the curriculum and syllabi for the I semester.

Dr. M. S. Geetha Devasena seconded the resolution.

6. Dr. R. Mary Metilda moved the resolution for the approval of the decisions taken in the Board of Studies of MBA programme under SREC MBA Regulations 2026 for the curriculum and syllabi for the new courses.

Dr. N.Sathish Kumar seconded the resolution.

7. Dr.N.Susila moved the resolution for the approval of the results passed in the Result passing board for the Nov/Dec 2025/Jan 2026 Examinations.

Dr.S.Jayanthi seconded the resolution.

8. Dr. A.Grace Selvarani moved the resolution for the approval for the ratification of the following students who had undergone Honors/Minors courses during the odd semester of the academic year 2025-2026 as per the 30th Academic Council of Anna University, Chennai circular dated 28.11.2023.

Lr. No. 4069/AU/CAC/Reg2023.

Programmes	Specialization / Minor Courses	Category	2022 – 2026		2023 - 2027	
			Count*	Count**	Count*	Count**
Mechanical Engineering	Robotics	Honours	2	–	4	2
Electrical and Electronics Engineering	Electric Vehicles	Honours	6	7	11	4
Electronics and Communication Engineering	Internet of Things	Honours	20	4	20	–
Computer Science and Engineering	AI/ML	Honours	16	5	17	2
	AR/VR	Honours	2	–	9	–
	AI/ML	Minor	6	2	7	1
Information Technology	Cyber Security	Honours	9	2	12	1
Electronics and Instrumentation Engineering	Sensors Technology	Honours	7	4	10	–
		Minor	5	–	–	–

Aeronautical Engineering	Drone Technology	Honours	–	–	5	5
Civil Engineering	Green Technology	Honours	5	2	8	1
Artificial Intelligence and Data Science	Intelligent systems	Honours	8	2	2	–
TOTAL			86	28	105	16

* Eligible for Honors/Minors as per Anna University Guidelines.

* * Eligible for certification by Centre for Continuing Education of SREC.

Dr.H.Mangalam seconded the resolution.

9. Dr. P. Chandramohan moved the resolution for the approval for the ratification of the students who had undergone Mandatory courses be approved in various B.E./B.Tech/M.Tech(Int) programmes under SREC Revised Regulations 2020.

Dr. V.Karpagam seconded the resolution.

10. Dr. N.Sathish Kumar moved the resolution for the approval for the ratification of the students who had completed 4/6 weeks of internship/inplant training be approved for the student in various B.E./B.Tech/M.Tech(Int) programmes under SREC Revised Regulations 2020.

Dr.A.Sakthivel seconded the resolution.

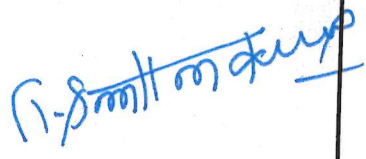
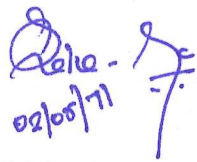
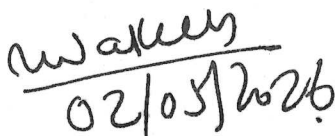
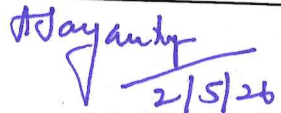
11. Dr. V.Karpagam moved the resolution for the approval of the candidates who have been readmitted during the academic year 2025-2026 in the respective semester as per the approval from the Directorate of Technical Education.

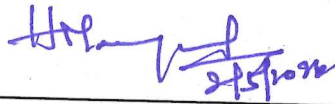
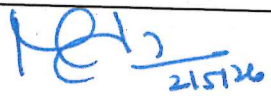
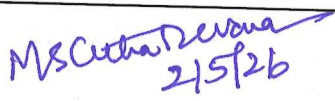
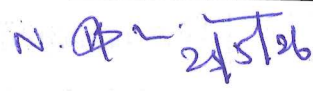
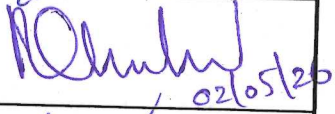
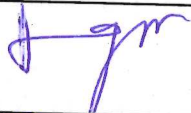
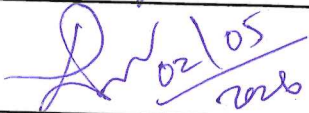
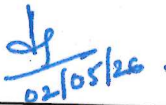
S.No	Name and Roll No	Department	Semester & Year of Admission
1	Mr. MONISH KUMAR R & 71812202140	ECE	VI Sem / 2025
2	Mr. RAGUL GOVINDARAJU & 2010060	RA	VI Sem / 2025
3	Mr. TAMILKUMARAN M & 71812409040	CIVIL	II Sem / 2025

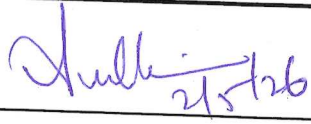
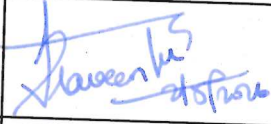
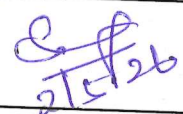
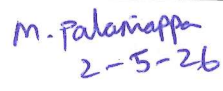
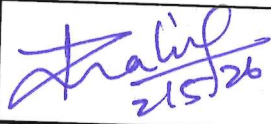
Dr. M. S. Geetha Devasena seconded the resolution.

ITEM No.17

Dr. S.Jayanthi, Professor/ECE and Dean-Academics, thanked all the members for their active participation and their valuable suggestions for improvement and Autonomous functioning.

S.No	Name	Signature
1.	Dr. A. Soundarrajan, Principal	
2.	Dr. M. Arivanandhan, Professor, Department of Nanoscience and Technology, Anna University, Chennai.	
3.	Dr. T. Senthilkumar Professor/Automobile Engineering and Dean, Anna University Regional Campus, Tiruchirappalli.	
4.	Dr. M. C. Sundarraja Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai.	
5.	Dr. R.Chitra Founder and CEO, Delving Research and Development Private Limited, Coimbatore.	
6.	Dr. T.R.Nanda Kumar, Cardiologist, Sri Ramakrishna Hospitals, Coimbatore.	
7.	Mr. A. Dhananjayan, Chartered Accountant, A.Arjunaraj and Co., Coimbatore.	
8.	Dr.S.Jayanthi, Professor/ECE and Dean - Academics	

9.	Dr.H.Mangalam, Professor/ECE and Dean - Administration	 21/5/2026
10.	Dr. A.Grace Selvarani, Chair Person/ M.Tech CSE (5 yrs Integrated) & Director – Quality Initiatives	 21/5/26
11.	Dr. P.Karuppuswamy, Chair Person/MECH & Vice-Principal	 21/5
12.	Dr.S.Allirani, Chair Person/EEE	 21/5/2026
13.	Dr.M.Jagadeeswari, Chair Person/ECE	 21/5/26
14.	Dr. R.Shanmugasundaram, Chair Person/EIE	 21/5/26
15.	Dr. M. S. Geetha Devasena, Chair Person/ CSE	 21/5/26
16.	Dr.N.Susila, Chair Person /IT and CoE	 21/5/26
17.	Dr. N.Sathish Kumar, Chair Person/BME	 21/5/26
18.	Dr.A.Murugarajan, Chair Person/RAE	 21/5
19.	Dr. P. Chandramohan, Chair Person/AERO	 02/05/26
20.	Dr.E.Sarojini, Chair Person/CIVIL	
21.	Dr. V.Karpagam, Chair Person/AI&DS	
22.	Dr.P. Moorthi, Chair Person /M.Tech-NANO	 02/05/2026
23.	Dr. R. Mary Metilda, Chair Person/MBA	 02/05/26
24.	Dr.A.Sakthivel, Professor/EEE and Chair Person/S&H	 02/05/26

25.	Dr.J.Anitha, Professor/AI&DS	 21/5/26
26.	Dr.T.Velmurugan, Associate Professor/MECH	 21/5/26
27.	Dr.C.Praveen Kumar, Assistant Professor(Sl.G) /EEE	 21/5/26
28.	Dr.N.Saranya, Assistant Professor(Sl.G)/IT	 21/5/26
29.	Mr. S.Sujan, EEE	 02-05-2026
30.	Mr. M. Harisudhan, IT	 02/05
31.	Mr. M. Palaniappan, MECH	 2-5-26
32.	Ms. B. Naveena / M.Tech Nanoscience	
33.	Dr.B.Nataraj, Associate Professor/ECE and Associate Dean – Academics	 21/5/26



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24th Academic Council Meeting

Date : 02.05.2026

Time: 11.00 AM

Members Present

S.No	Name	Signature
1.	Dr. A. Soundarrajan, Principal	
2.	Dr. M. Arivanandhan, Professor, Department of Nanoscience and Technology, Anna University, Chennai.	
3.	Dr. T. Senthilkumar Professor/Automobile Engineering and Dean, Anna University Regional Campus, Tiruchirappalli.	
4.	Dr. M. C. Sundarraja Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai.	
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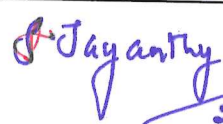
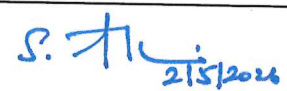
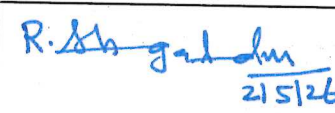
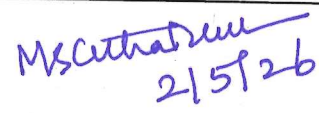
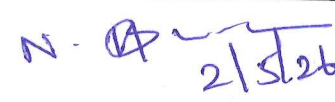
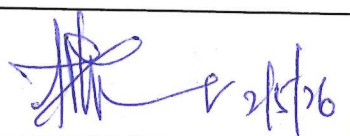


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8.	Dr.S.Jayanthi, Professor/ECE and Dean - Academics	 21/5/2026
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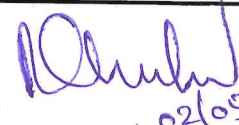
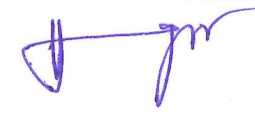
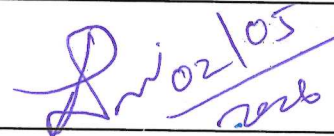
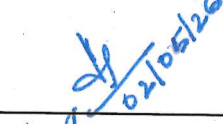
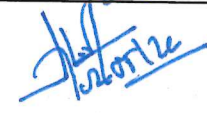
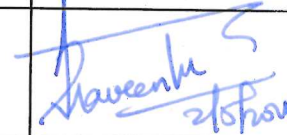
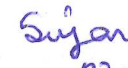
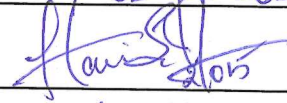
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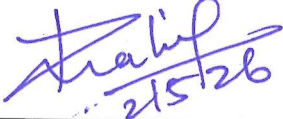
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