VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

Madurai-625009

Minutes of the Fourth Academic Council Meeting

Venue: Seminar Hall-1 **Date: 11.04.2025** **Time:10:00 a.m.**

Chairman (Academic Council): **Dr. P. Alli**, Principal/VCET

Advisor: **Dr. C. Selvaraj**, MBA

University Nominees:

1. **Dr. M. Kantha Babu,** Professor / Manufacturing Engineering, Anna University, Chennai.
2. **Dr. S. Vasuhi,** Professor / Electronics Engineering, Anna University, MIT Campus, Chennai.
3. **Dr. K. Baskaran,** Professor/EEE, Alagappa Chettiar Government College of Engineering & Technology, Karaikudi. (Online)

External Experts:

1. **Dr. S. Vengadesan,** Professor/Applied Mechanics and BioMedical Engineering, Indian Institute of Technology(IITM), Chennai.
2. **Dr. D. Sriram Kumar,** Professor/ECE, National Institute of Technology, Trichirapalli.
3. **Dr. S. Baskar,** Professor/EEE, Thiagarajar College of Engineering, Madurai. (Online)
4. **Dr. R. Pamila,** Professor/Civil, Sri Sairam Engineering College, West Tambaram, Chennai.
5. **Mr. V. Srinivasa Ragavan,** Founder & CEO, Nirals, Kovilpatti. (Online)

Member Secretary: **Dr. A. Shunmugalatha, Dean (Academics) & HoD/EEE**

Members: 1. Dr. R. Perumalraja/ Vice Principal, Dean (Planning and Development) HoD/CSE 2. Dr. S. Vasuki, Dean (Research and Development) & HoD/ECE 3. Dr. G. Manikandan, Dean (Industry Institute Interaction) & HoD /Mechanical 4. Dr. R. Narmatha Banu, Dean (Student Affairs) & Professor/ EEE 5. Dr. K. Kavitha, Dean (Quality Assurance) & HoD/ VLSI 6. Dr. S. Sasikala, HoD/AI&DS 7.Dr.R.Ganesan, HoD/Civil 8.Dr.G.Vinoth Chakravarthy, HoD/ Cyber Security 9.Dr. R. Kavitha, HoD /IT 10. Dr.V. Selvalakshmi, HoD/MBA 11. Dr. C. Sankar, Associate Professor & HoD/Chemistry 12. Dr. S. Gomathy, Associate Professor & HoD/ English 13. Dr. A.P. Pushpalatha, Professor& HoD/Maths 14. Dr. R. Rajesh, Associate Professor & HoD/Physics 15. Dr. S. Dhanalakshmi, Professor/EEE

Scanned with OKEN Scanner

Scanned with OKEN Scanner

16 .Dr. S. Karthikeyan, CoE & Associate Professor/Maths 17. Dr. S. Gopala Krishnan, Librarian 18. Mr. P. Srinivasa Perumal/Placement officer 19. Dr. J.P. Annie Sweetlin Jebarani, Professor/Civil 20. Dr. J.V. Anchitaalagammai, Professor/CSE 21. Dr. P. Suveetha Dhanaselvam, Professor/ECE 22. Dr. V. Anbumalar, Professor/Mech 23. Dr. S. Kamalesh, Professor/IT 24. Dr. M. Ponkumar, Physical Director.

The Fourth Academic Council Meeting was held on 11.04.2025.The presentation included UG Regulations (R2025), PG Regulations (R2025) and Syllabi for UG Programme semester I & II & PG Programme semester (I to IV) of the following departments.The suggestions given by the University Nominees and External Experts have been incorporated and the final version of the documents are attached.

UG DEGREE PROGRAMMES :

1.B.Tech .Artificial Intelligence and Data Science (AI & DS)
2.B.E.Civil Engineering
3.B.E.Computer Science and Engineering
4.B.E.Computer Science and Engineering (Cyber Security)
5.B.E.Electronics and Communication Engineering
6.B.E.Electrical and Electronics Engineering
7.B.Tech Information Technology
8.B.E.Mechanical Engineering
9.B.E.Electronics Engineering (VLSI Design and Technology)

PG DEGREE PROGRAMMES :

1.M.E.Computer Science and Engineering
2.M.E.Communication Systems
3.M.E.Manufacturing Engineering
4.M.E. Computer Science and Engineering with Specialization in Networks
5.M.E.Power Systems Engineering
6.Master of Business Administration (MBA).

TOPICS DISCUSSED:

1. UG Regulations (R2025)
2. PG Regulations (R2025)
3. UG Amendment (R2021)
4. PG MBA Amendments (R2023)
5. B.E/B.Tech Curriculum and Syllabus for Semester I & II.
6. M.E. and MBA Curriculum and Syllabus for Semester I to IV.

Scanned with OKEN Scanner

Scanned with OKEN Scanner

S.No	Agenda	Action	Responsibility
1.	**Introduction of Members AU & Institute Nominees**	Dr. P. Alli, Principal, Chairman - (Academic Council), welcomed all the members, including the University Nominees and the External Experts, to the meeting. In her opening remarks, she gave a brief introduction of Velammal Educational Trust and salient features of Velammal College of Engineering and Technology with the road map of the autonomy, explaining up to the current status. She requested the Dean (Academics) to move the points of Agenda items and requested her to present the Regulations 2025 for the members present.	Chairman, (Academic Council)
2.	**Regulations -UG and PG programmes from the Academic Year 2025-2026**	**Dr. A. Shunmugalatha, Dean (Academics)** presented the regulations of UG and PG to the University Nominees, the Institute Nominees and other members of Academic Council. At the end of the Presentation, members had a deliberation on R25 Regulations and the following items were discussed and decided: • It was decided not to change the Grade 'O' to 'S' for Outstanding. • Students are already given the privilege of taking an official break of study for one year for any valid reasons. Students can even go abroad by taking a break of one year. It was decided that this option should be clearly documented and communicated to the students. • Students can do the internship not only during the vacation but also during the semester. • Experts suggested implementing off-campus courses by taking measures such as signing MoUs with reputed Institutions. This needs to be discussed and decided by the Heads of the Departments, Deans, and the Principal, in coordination with the respective Institution with which the MoU will be signed. • It was also decided not to have the same type of assessment for UG and PG programs, and instead to increase the weightage for PG assessments.	
3.	**U.G. & P.G. Curriculum and Syllabus by respective Hods**	**Dr. R. Perumalraja/ Vice Principal, Dean (Planning and Development) HoD/CSE** presented the curriculum and syllabus of the CSE UG and PG programmes. • The Experts suggested to include AI based papers in their syllabus. • They also suggested to have last five years books for reference and also to make sure that those books are available • The Experts suggested to include more innovative topics in PG Syllabus	

Scanned with OKEN Scanner

Scanned with OKEN Scanner

		Dr. S. Vasuki, Dean (Research and Development) & HoD/ECE presented the curriculum and syllabi of ECE UG and PG programmes. • The Experts suggested to change the name of the paper Modern Physics to Applied Physics and, Fundamentals of Digital Electronics to Digital Electronics. • They also suggested to change the name of the paper English for Research Paper Writing into Research Paper and Proposal Writing and suggested the titles Project Proposal writing skills, Report writing skills and verification and validation skills for unit 3, 4 and 5 respectively. **Dr. R. Kavitha, HoD /IT,** presented the curriculum and syllabi of UG and PG programmes of IT. • The Experts suggested to give importance to start up companies for undergoing internships. • They also advised to include AI based courses in the PG syllabus. **Dr. A. Shunmugalatha, Dean (Academics) & Member Secretary (Academic Council)** presented the curriculum and syllabus of EEE UG and PG programmes. • The Experts suggested to change the title of Mathematics for EEE to probability, calculus and complex variables. • They also recommended adding more topics under Complex variables. **Dr. G. Manikandan HoD /MECHANICAL** presented the curriculum and syllabus of Mechanical Engineering UG and PG programmes. • It was suggested to change the name of the paper English for Research Paper Writing into Research Paper and Proposal Writing and suggested the titles Project Proposal writing skills, Report writing skills and verification and validation skills for unit 3, 4 and 5 respectively. **Dr. R. Ganesan, HoD/Civil,** presented the curriculum and syllabus of CIVIL UG programme • It was suggested to include members from PWD in the BoS of Civil Engineering. • It was also suggested to include projects incorporation of AI. • Dr. Pamila informed that UGC has given norms to include Logistics and Cyber Security for all engineering branches.	

Scanned with OKEN Scanner

Scanned with OKEN Scanner

		Dr. S. Sasikala, HoD/AI&DS presented the curriculum and syllabus of the AI&DS UG programme. • It was suggested to include Advanced AI courses like Federated Learning(FL), Large Language Model (LLM) and MLOP and other AI tools. **Dr. G. VinothChakravarthy, HoD/CSE(CS),** presented the curriculum and syllabus of CSE(CS) UG programme. **Dr. K. Kavitha, Dean (Quality and Assurance) &HoD/VLSI** presented the curriculum and syllabus of VLSI UG programme. **Dr. Selvalakshmi/HoD/MBA**, presented the curriculum and syllabus of the MBA UG programme. • It was suggested to change the name of Case methods and management into Case studies and Management.	
4.	**General Discussion**	• Experts suggested to include AI based papers in all the domains for UG and PG syllabus to meet the future demands. • It was suggested to include BoS members from renowned institutions like NITs, IITs and current students and Startup representatives to enhance diversity and industry academia linkage. All the experts approved the curriculum and syllabus and suggested to incorporate the changes in nomenclature mentioned.	**ALL**
5.	**Concluding Remarks**	**The Principal** thanked the University Nominees, the External Experts and all the Deans and HoDs.	

Scanned with OKEN Scanner

Scanned with OKEN Scanner

11/4/2025

Dr. M. Kantha Babu,
Professor/Manufacturing Engineering,
Anna University, Chennai.
AU Nominee

11/4/2025

Dr. S. Vengadesan,
Professor/Applied Mechanics and Biomedical Engineering, Indian Institute of Technology(IITM),
Chennai.

11/4/25

Dr.S.Vasuhi,
Professor/Electronics Engineering,
Anna University, MIT Campus,
Chennai.
AU Nominee

11/04/2025

Dr. D. Sriram Kumar,
Professor/ECE
National Institute of Technology,
Trichirapalli.

Through Online

Dr.K.Baskaran,
Professor/EEE
Alagappa Chettiar Government
College of Engineering & Technology,
Karaikudi.
AU Nominee

Through Online

Dr. S. Baskar,
Professor/EEE
Thiagarajar College of Engineering,
Madurai.

11/4/25

Dr. R. Pamila,
Professor/Civil
Sri Sairam Engineering College,
West Tambaram, Chennai.

11/04/25

Dr. A. Shunmugalatha, Dean (Academics), HoD/EEE
Member Secretary.

Through Online

Mr. V. Srinivasa Ragavan,
Founder & CEO
Nirals, Kovilpatti.

11/4/25

Dr. P. Alli
Principal & Chairman, Academic Council

Scanned with OKEN Scanner

Scanned with OKEN Scanner