VEL TECH HIGH TECH

Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

9th Academic Council Meeting – Minutes

Date : 11.08.25 **Time : 2.00 PM to 4.00 PM**

VEL TECH HIGH TECH Dr. RANGARAJAN

Dr. SAKUNTHALA ENGINEERING COLLEGE

#60, Avadi – Vel Tech Road, Vel Nagar,

Avadi, Chennai – 600062, Tamil Nadu

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MINUTES OF MEETING OF 9th ACADEMIC COUNCIL MEETING

DATE: 11.08.25 **TIME: 02.00 PM–04.00PM**

The 9th Academic Council meeting was convenedon 11.08.25 from 2.00PM to 4.00PM to Scrutinize and approve the proposals of the Boards of Studies with regard to courses of study, academic regulations, curricula, syllabi of I & II semester courses and evaluation methods under the Chairmanship of Dr.E.Kamanaban, Principal.

The following members were present during the Academic Council meeting.

S. No.	Name of the Expert	Affiliation with Designation	Role in AC
1	**Dr. E.Kamalanaban**	**Principal** Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College	Chairman
2	**Dr. V. Ponmalar**	**Professor** Department of Civil Engineering CEG Campus, Anna University, Chennai	Anna University Nominee
3	**Dr. P. Gomathi Priya**	**Professor** Department of Chemical Engg., ACT Campus, Anna University	Anna University Nominee
4	**Dr. S. Rathi**	**Professor** Department of CSE., Govt. College of Tech., Coimbatore	Anna University Nominee
5	**Mr.Rathinavel Chandran**	**Director** AWS Cloud Centre of Excellence Hexaware Technologies, Chennai	Industry Expert
7	**Prof. Prabhu Rajagopal**	**Professor** Dept. of Mechanical Engineering IIT Madras, Chennai	Academic Expert
8	**Prof. M. D. Selvaraj**	**Dean** – Design, Innovation & Incubation IIITDM, Kancheepuram	Academic Expert
9	**Prof. Dr. R . Suresh**	Dean – Training & Placement, Dean - SOMC	Internal Member

10	**Dr. P. Vijayasarathi**	Dean IQAC	Internal Member
11	**Dr. Gopinath**	Dean – CCA	Internal Member
12	**Dr. J. B. Veeramalini**	Dean – PPT	Internal Member
13	**Dr. Suresh Chinna Thampy. M**	Dean Mentoring, Assoc. Dean Start-up,	Internal Member
14	**Dr. SARAVANA RAJ. A**	Assoc. Dean – R & D	Internal Member
15	**Dr. Chembian W T**	Assoc. Dean PPT	Internal Member
16	**Dr. R. Palanisamy**	Asst. Professor & Head, Dept. of Mechanical Engineering	Internal Member
17	**Dr.Durgadevi.S**	Assoc.Professor & Head, Dept .of Computer Science and Engineering	Internal Member
18	**Dr.D.S.Manoj Kumar**	Asst. Professor & Head Dept .of Computer Science and Engineering(AI&ML)	Internal Member
19	**Dr.S.Sathish Kumar**	Assoc.Professor & Head, Dept .of Artificial Intelligence and Data Science	Internal Member
20	**Mr. M. Manoj Kumar**	Asst. Professor & Head, Dept. of Civil	Internal Member
21	**Dr.M.Malleswari**	Professor Deptment of Information Technology	Internal Member
22	**Dr.Iyyappan.J**	Assoc.Professor & Head, Dept .of Bio Technology	Internal Member
23	**Mr. S. Nagarajan**	Asst. Professor, Dept. of MBA	Internal Member
24	**Mr. Pradeep Kata**	Asst. Professor & Head, Dept. of S & H	Internal Member
25	**Prof. Dr. V. R. Ravi**	Dean Academics	Member Secretary

The chairman of the Academic Council Dr. E. Kamalanaban, Principal welcomed and introduced external members such as Anna university nominees, Academic Experts and Industrial Expertsfor the 9th Academic Council meeting. The Chairman requested Member Secretary to take up the agenda items for discussion, ratification and approval.

The meeting was taken forwardby Member Secretary Dr. V.R. Ravi, Dean-Academics who delivered the institutional profile and also introduced internal Academic Council members.

The Member Secretary Dr.V.R. Ravi moved the following agenda items for

discussion, ratification and approval.

The agenda for the meeting

a) **Confirmation of the Minutes of the Previous Academic Council Meeting**
To confirm the minutes of the previous Academic Council meeting and record the approval of the members.

b) **Significant Enhancements in R-2025 Regulations**
To review and approve the significant enhancements incorporated in the R-2025 Regulations for the B.E./B.Tech. Degree Programme.

c) **R-2025 Curriculum Formulation Process**
To review and approve the process adopted for the formulation of the R-2025 Curriculum based on stakeholder feedback and benchmarking.

d) **Diverse Learning Methods**
To review and approve the diverse learning methods incorporated in the R-2025 Curriculum to enhance student learning and employability.

e) **Credit-Based Value Added Courses (VACs)**
To review and approve the framework for implementing Credit-Based Value Added Courses to promote skill development and interdisciplinary learning.

f) **Industry-Led Courses (ILCs)**
To review and approve the framework for Industry-Led Courses developed and delivered in collaboration with industry experts.

g) **Project-Based Courses**
To review and approve the framework for Project-Based Courses aimed at strengthening experiential and outcome-based learning.

h) **Practice-Intensive Curriculum**
To review and approve the Practice-Intensive Curriculum with an enhanced proportion of practical and integrated courses.

i) **Mini Projects and Multidisciplinary Projects**
To review and approve the implementation framework for Mini Projects and Multidisciplinary Projects to promote innovation and interdisciplinary learning.

j) **Employability Enhancement Courses (EECs)**
To review and approve the framework for Employability Enhancement Courses to strengthen technical, professional, and career skills.

k) **Enhanced Choice-Based Credit System (e-CBCS)**
To review and approve the Enhanced Choice-Based Credit System providing academic flexibility and personalized learning pathways.

l) **Honours Specializations**
To review and approve the framework for Honours Specializations in emerging technology domains across all departments.

m) **Entrepreneurship and Innovation Tracks**
To review and approve the Entrepreneurship and Innovation Tracks to foster innovation, startup culture, and entrepreneurial skills.

n) **Approval of B.E./B.Tech. I & II Semester Syllabi**
To consider the recommendations of the Board of Studies and approve the I & II Semester syllabi for all B.E./B.Tech. programmes.

o) **Approval of MBA and M.E. Structural Engineering Syllabi**
To consider the recommendations of the Board of Studies and approve the I & II Semester syllabi for the MBA and M.E. Structural Engineering programmes.

POINTS DISCUSSED AND RESOLVED:

BUSINESS BROUGHT FORWARD BY THE BOARD OF STUDIES

9.1	**TO CONFIRM** THE MINUTES OF PREVIOUSACADEMIC COUNCIL MEETING. ***Resolved to confirm*** *the minutes of the previousAcademic Council and there were no comments on the minutes.*
9.2	**To review and approve** the significant enhancements incorporated in the R-2025 Regulations over the R-2021 Regulations for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards) as detailed in Annexure – A. **Resolved to approve** the significant enhancements incorporated in the R-2025 Regulations over the R-2021 Regulations for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards)as detailed in Annexure – A.
9.3	**To review and approve** the process adopted for the formulation of the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards) based on stakeholder feedback, benchmarking with the R-2021 Curriculum, and best practices adopted by other institutions, as detailed in Annexure – B. **Resolved to approve** the process adopted for the formulation of the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards) based on stakeholder feedback, benchmarking with the R-2021 Curriculum, and best practices adopted by other institutions, as detailed in Annexure – B.
9.4	**To review and approve** the diverse learning methods proposed under the R-2025

	Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), encompassing traditional, experiential, innovative, collaborative, technology-enhanced, self-directed, industry-supported, project-based, and multidisciplinary learning approaches to enhance student engagement, employability, innovation, and outcome-based education, as detailed in Annexure – C. **Resolved to approve** the diverse learning methods proposed under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), encompassing traditional, experiential, innovative, collaborative, technology-enhanced, self-directed, industry-supported, project-based, and multidisciplinary learning approaches to enhance student engagement, employability, innovation, and outcome-based education, as detailed in Annexure – C.
9.5	**To review and approve** the framework for the implementation of Credit-Based Value Added Courses (VACs) under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), providing one credit for each VAC with 30 hours of industry-oriented hands-on training delivered by industry experts. The framework includes the offering of five Value Added Courses by each Department, Continuous Internal Evaluation (CIE) upon course completion, and the flexibility for students to register for interdisciplinary VACs offered by other Departments, thereby promoting skill enhancement, interdisciplinary learning, and improved industry readiness, as detailed in Annexure – D. **Resolved to approve** the framework for the implementation of Credit-Based Value Added Courses (VACs) under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), providing one credit for each VAC with 30 hours of industry-oriented hands-on training delivered by industry experts. The framework includes the offering of five Value Added Courses by each Department, Continuous Internal Evaluation (CIE) upon course completion, and the flexibility for students to register for interdisciplinary VACs offered by other Departments, thereby promoting skill enhancement, interdisciplinary learning, and improved industry readiness, as detailed in Annexure – D.
9.6	**To review and approve** the framework for the implementation of Industry-Led Courses (ILCs) under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), with each Department offering two Industry-Led

	Courses designed, delivered, and assessed by industry experts through active industry collaboration. The framework includes the formulation of industry-relevant syllabi, mandatory Memoranda of Understanding (MoUs) between the Institution and industry partners, and the offering of emerging technology courses in collaboration with reputed organizations to strengthen experiential learning, industry exposure, and graduate employability, as detailed in Annexure – E. **Resolved to approve** the framework for the implementation of Industry-Led Courses (ILCs) under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), with each Department offering two Industry-Led Courses designed, delivered, and assessed by industry experts through active industry collaboration. The framework includes the formulation of industry-relevant syllabi, mandatory Memoranda of Understanding (MoUs) between the Institution and industry partners, and the offering of emerging technology courses in collaboration with reputed organizations to strengthen experiential learning, industry exposure, and graduate employability, as detailed in Annexure – E.
9.7	**To review and approve** the framework for the implementation of Project-Based Courses under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), wherein each Department shall offer two Project-Based Courses to strengthen experiential and outcome-based learning. The framework requires students to successfully complete two Micro Level Projects in each Project-Based Course, with each project evaluated through Continuous Internal Evaluation (CIE), thereby promoting practical application of theoretical concepts, technical competency, problem-solving ability, teamwork, innovation, project planning, and independent learning, as detailed in Annexure – F. **Resolved to approve** the framework for the implementation of Project-Based Courses under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), wherein each Department shall offer two Project-Based Courses to strengthen experiential and outcome-based learning. The framework requires students to successfully complete two Micro Level Projects in each Project-Based Course, with each project evaluated through Continuous Internal Evaluation (CIE), thereby promoting practical application of theoretical concepts, technical competency, problem-solving ability, teamwork, innovation, project planning, and independent

	learning, as detailed in Annexure – F.
9.8	**To review and approve** the Practice-Intensive Curriculum framework incorporated in the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), with an enhanced proportion of Practical and Integrated Courses across all Departments to bridge the gap between theoretical knowledge and practical application. The framework aims to reinforce conceptual understanding through laboratory experimentation, integrated learning, hands-on training, project-based activities, and experiential learning, thereby strengthening technical competency, innovation, problem-solving skills, and industry readiness, as detailed in Annexure – G. **Resolved to approve** the Practice-Intensive Curriculum framework incorporated in the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), with an enhanced proportion of Practical and Integrated Courses across all Departments to bridge the gap between theoretical knowledge and practical application. The framework aims to reinforce conceptual understanding through laboratory experimentation, integrated learning, hands-on training, project-based activities, and experiential learning, thereby strengthening technical competency, innovation, problem-solving skills, and industry readiness, as detailed in Annexure – G.
9.9	**To review and approve** the framework for the implementation of Mini Project–I, Mini Project–II, and Multidisciplinary Projects under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards). The framework provides for Mini Project–I in the second year and Mini Project–II in the third year, each carrying two credits with a duration of one academic year. The projects shall be guided by internal faculty members and industry mentors through the Student Industry Mentor Connect (SIMC) initiative, with periodic reviews, including evaluations by industry experts. The framework also enables students to undertake multidisciplinary projects by collaborating with peers from different engineering disciplines to develop innovative solutions for real-world problems, thereby promoting experiential learning, interdisciplinary collaboration, innovation, entrepreneurship, industry readiness, and holistic engineering education, as detailed in Annexure – H. **Resolved to approve** the framework for the implementation of Mini Project–I, Mini

	Project–II, and Multidisciplinary Projects under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards). The framework provides for Mini Project–I in the second year and Mini Project–II in the third year, each carrying two credits with a duration of one academic year. The projects shall be guided by internal faculty members and industry mentors through the Student Industry Mentor Connect (SIMC) initiative, with periodic reviews, including evaluations by industry experts. The framework also enables students to undertake multidisciplinary projects by collaborating with peers from different engineering disciplines to develop innovative solutions for real-world problems, thereby promoting experiential learning, interdisciplinary collaboration, innovation, entrepreneurship, industry readiness, and holistic engineering education, as detailed in Annexure – H.
9.10	**To review and approve** the framework for the implementation of Employability Enhancement Courses (EECs) under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), comprising eleven courses aimed at enhancing technical competency, communication skills, professional skills, project execution, internship exposure, and overall employability, as detailed in Annexure – I. **Resolved to approve** the framework for the implementation of Employability Enhancement Courses (EECs) under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), comprising eleven courses aimed at enhancing technical competency, communication skills, professional skills, project execution, internship exposure, and overall employability, as detailed in Annexure – I.
9.11	**To review and approve** the framework for the implementation of the Enhanced Choice-Based Credit System (e-CBCS) under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), enabling curriculum flexibility through basket-based electives, interdisciplinary and multidisciplinary course choices, Minor and Honours specializations, and credit transfer and accumulation under UGC/AICTE guidelines, thereby providing students with greater academic flexibility and personalized learning pathways, as detailed in Annexure – J.

	Resolved to approve the framework for the implementation of the Enhanced Choice-Based Credit System (e-CBCS) under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), enabling curriculum flexibility through basket-based electives, interdisciplinary and multidisciplinary course choices, Minor and Honours specializations, and credit transfer and accumulation under UGC/AICTE guidelines, thereby providing students with greater academic flexibility and personalized learning pathways, as detailed in Annexure – J.
9.12	**To review and approve** the framework for the implementation of Honours Specializations under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), offering two Honours verticals in each Department to provide advanced specialization in emerging technologies, enhance domain expertise, promote interdisciplinary learning, and strengthen students' academic excellence, research aptitude, innovation, and industry readiness, as detailed in Annexure – K. **Resolved to approve** the framework for the implementation of Honours Specializations under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), offering two Honours verticals in each Department to provide advanced specialization in emerging technologies, enhance domain expertise, promote interdisciplinary learning, and strengthen students' academic excellence, research aptitude, innovation, and industry readiness, as detailed in Annexure – K.
9.13	**To review and approve** the framework for the implementation of Entrepreneurship and Innovation Tracks under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), comprising entrepreneurship-focused courses, innovation-driven activities, and startup mentoring initiatives aimed at fostering entrepreneurial mindset, innovation, product development, leadership, and startup creation among students, as detailed in Annexure – L. **Resolved to approve** the framework for the implementation of Entrepreneurship and Innovation Tracks under the R-2025 Curriculum for the B.E./B.Tech. Degree Programme (for the 2025–2026 batch onwards), comprising entrepreneurship-focused courses, innovation-driven activities, and startup mentoring initiatives aimed at

	fostering entrepreneurial mindset, innovation, product development, leadership, and startup creation among students, as detailed in Annexure – I..
9.14	**TO CONSIDER THE RECOMMENDATIONS SUGGESTED BY BOARD OF STUDIES OF B.E., /B.TECH., IT, CSE, AI&DS, CSE(AIML), ECE, MECHANICAL, CIVIL, BIOTECH AND CHEMICAL PROGRAMMES AND APPROVE**the Syllabi of I & II semester courses(for 2025- 2026 batch onwards) ***Resolved to Approve*** *the recommendations of Board of Studies of B.E., /B.Tech., IT, CSE, AI&DS, CSE (AIML), ECE, Mechanical, Civil, Biotech and Chemical programmes for the Syllabi of I& II semester courses(for 2025- 2026 batch onwards)*
9.15	**TO CONSIDER THE RECOMMENDATIONS SUGGESTED BY BOARD OF STUDIES OF MBA and ME STRUCTURAL ENGINEERING PROGRAMMES AND APPROVE**the Syllabi of I & II semester courses(for 2025- 2026 batch onwards) ***Resolved to Approve*** *the recommendations of Board of Studies of* ***MBA and ME Structural Engineering programmes and approve*** *the Syllabi of I & II semester courses (for 2025- 2026 batch onwards)*

The meeting concluded with Thanks to the Chairman and members.

11.08.25

Dr.V.R.RAVI
Member Secretary
Academic Council

Dr.E.Kamalanaban
Chairman
Academic Council

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ATTENDANCE SHEET

Meeting No: VTHT / DA /AC-04/ 2022-2023/01 **Time:2.30P.M- 4.30 PM**

Date:11.08.25 **Mode: Virtual mode – Google Meet**

S. No.	Name of the Member	Designation	Signature
1	**Dr. E.Kamalanaban**	**Principal** Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College	
2	**Dr. V. Ponmalar**	**Professor** Department of Civil Engineering CEG Campus, Anna University, Chennai	ONLINE
3	**Dr. P. Gomathi Priya**	**Professor** Department of Chemical Engg., ACT Campus, Anna University	ONLINE
4	**Dr. S. Rathi**	**Professor** Department of CSE., Govt. College of Tech., Coimbatore	ONLINE
5	**Mr.Rathinavel Chandran**	**Director** AWS Cloud Centre of Excellence Hexaware Technologies, Chennai	ONLINE
7	**Prof. Prabhu Rajagopal**	**Professor** Dept. of Mechanical Engineering IIT Madras, Chennai	ONLINE
8	**Prof. M. D. Selvaraj**	**Dean** – Design, Innovation & Incubation IIITDM, Kancheepuram	ONLINE
9	**Prof. Dr. R . Suresh**	Dean – Training & Placement, Dean - SOMC	
10	**Dr. P. Vijayasarathi**	Dean IQAC	
11	**Dr. Gopinath**	Dean – CCA	
12	**Dr. J. B. Veeramalini**	Dean – PPT	
13	**Dr. Suresh Chinna Thampy. M**	Dean Mentoring, Assoc. Dean Start-up,	
14	**Dr. SARAVANA RAJ. A**	Assoc. Dean – R & D	
15	**Dr. Chembian W T**	Assoc. Dean PPT	

16	**Dr. R. Palanisamy**	Asst. Professor & Head, Dept. of Mechanical Engineering	
17	**Dr.Durgadevi.S**	Assoc.Professor & Head, Dept .of Computer Science and Engineering	
18	**Dr.D.S.Manoj Kumar**	Asst. Professor & Head Dept .of Computer Science and Engineering(AI&ML)	
19	**Dr.S.Sathish Kumar**	Assoc.Professor & Head, Dept .of Artificial Intelligence and Data Science	
20	**Mr. M. Manoj Kumar**	Asst. Professor & Head, Dept. of Civil	
21	**Dr.M.Malleswari**	Professor Deptment of Information Technology	
22	**Dr.Iyyappan.J**	Assoc.Professor & Head, Dept .of Bio Technology	
23	**Mr. S. Nagarajan**	Asst. Professor, Dept. of MBA	
24	**Mr. Pradeep Kata**	Asst. Professor & Head, Dept. of S & H	
25	**Prof. Dr. V. R. Ravi**	Dean Academics	