

LIST OF GOVERNING BODY MEMBERS

S. No.	Name & Address	S. No.	Name & Address
1	<p>Chairperson: Shri. M. V. Muthuramalingam Chairman Velammal Educational Trust Chennai – 600 066 Tel: 044-26590345</p>	6	<p>Industrialist Member: Dr. S. Kalirajan Deputy Dean, L&T Institute of Project Management, Training Center – IstFloor, Opp. TC – II, Manapakkam, Chennai-600 089. Phone: 9600359702</p>
2	<p>Dr. N. Suresh Kumar, M.E., Ph.D. Senior Principal cum Coordinator Velammal Institutions (Madurai Region) Velammal College of Engineering and Technology (Autonomous), Viraganoor, Madurai- 625 009. Mobile: 9994994991, 9443867923 Email: seniorprincipal@vcet.ac.in</p>	7	<p>UGC Nominee: Prof. M. Surendra Prasad Babu Vice Principal, AU College of Engineering (A), Andhra University, Visakhapatnam – 530 003, Andhra Pradesh. 09848056369(M), (0891)-2501484(O), E-mail: profmspbabu@gmail.com</p>
3	<p>Management Member: Dr. M. Arumugam Founder Managing Director, Broadline Technologies Private ltd., No 7, KhaderNewaz Khan Road, Chennai-600 006 Phone: 9840031000 E-mail: m.arumugam@broadline.co</p>	8	<p>University Nominee: Dr. V. Pandiyarajan Associate Professor, Department of Chemical Engineering, ACT Campus, Anna University, Chennai – 600025. Mobile: 9444019635</p>
4	<p>Management Member: Shri. Subbaraman Balasubramanyan Associate Vice President and Center Head Chairman of CIA Madurai zone, HCL Technologies, Madurai – 625001. Phone: Ph: 9840836494, 8754495104 E-mail: subbaraman@hcl.com</p>	9	<p>Dr. P. Alli, M.S., Ph.D. Principal, Velammal College of Engineering and Technology (Autonomous), Viraganoor, Madurai- 625 009. Mobile: 9443566537 E-mail: principal@vcet.ac.in</p>
5	<p>Management Member: Prof. M. Krishnan Vice Chancellor Central University of Tamil Nadu, Neelakudi Campus, Thiruvavarur – 610005, Tamilnadu E-mail: profmkrish@gmail.com Phone: +91-9443998251, 9629480500</p>		

COLLEGE CREST

The college crest consists of a temple tower standing high and elegant, engrossed learners, book leaves and ever active electrons in their orbits. Like the temple tower standing tall and unique, the diligent learners, here at VCET, will reach greater heights in technical education by ploughing through the books of knowledge and tracing through the path of enlightenment.

VISION OF VELAMMAL EDUCATIONAL TRUST

To uphold the social values while helping the society to develop technologically and morally by providing education of global standards, thus bringing about emancipation in the society through knowledge and wisdom.

MISSION OF VELAMMAL EDUCATIONAL TRUST

To achieve Customer Delight Through

- World class Education
- Research & Development
- Creativity & Innovation
- Intrapreneurship & Entrepreneurship
- Leadership and teamwork

QUALITY POLICY

Velammal College of Engineering and Technology is committed to provide quality education to students both theoretically and practically, inculcating human values and grooming them to achieve greater heights in their lives, through continual improvement.

OBJECTIVES

- To provide quality education to students
- To empower students to be committed employees or employers

- To work towards holistic development of students inculcating social values and ethics
- To enhance the competency and excellence of teachers
- To promote research and development among staff and students
- To serve the community and Nation through extension activities

VISION OF VCET

To emerge and sustain as a center of excellence for technical and managerial education upholding social values.

MISSION OF VCET

Our aspirants are

- Imparted with comprehensive, innovative and value - based education.
- Exposed to technical, managerial and soft skill resources with emphasis on research and professionalism.
- Inculcated with the need for a disciplined, happy, married and peaceful life.

GOALS WE CHERISH AT VCET

1. Uncompromising regularity and punctuality
2. Academic excellence
3. Depth in subject and general knowledge
4. Suitable placement or higher education or entrepreneurship
5. Curiosity of learning, research and development
6. Proficiency in Communication skills
7. Professional values and Social ethics
8. Keeping good health and following good habits

**VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS), MADURAI – 625009**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of the 3rd Board of Studies Meeting

The 3rd Board of Studies Meeting of Department of ECE was held on 22nd November, 2023 at 09:30 a.m. in Online Mode.

Following members were present during the meeting:

Sl.No.	Name and Designation	Role	Signature
1.	Dr. K. Kavitha, HOD/ECE	Chairman, BOS/ECE	K. Kavitha
2.	Dr.L.Nithyanandan Professor Puducherry Technological University, Puducherry	University Nominee	L.Nithyanandan
3.	Dr.D.Sriram Kumar Professor/ECE National Institute of Technology, Trichy	Subject Experts	D. Sriram Kumar
4.	Dr.G.Nagarajan Professor/ECE Pondicherry Engineering College, Puducherry		G. Nagarajan
5.	Dr. V.V.Pathy Business Development Manager Keysight Technologies, Bengaluru	Industry Expert	V.V. Pathy
6.	Ms. N.Susithra Assistant Professor PSG Institute of Technology and Applied Research, Coimbatore	Alumnus	N. Susithra
7.	Dr.N.Suresh Kumar, Professor & Senior Principal, VCET	Internal Members	N. Suresh Kumar
8.	Dr. S. Vasuki, Professor & Dean (Student Affairs)		S. Vasuki
9.	Dr. P. Suveetha Dhanaselvam		P. Suveetha Dhanaselvam
10.	Dr. P. Rajeswari		P. Rajeswari
11.	Dr. K. Kavitha		K. Kavitha
12.	Dr. P. Karthikeyan		P. Karthikeyan

13.	Dr. S. Gandhimathi @ Usha		
14.	Dr. J. Siva Sankari		
15.	Mr. A. Suban		
16.	Mr. P. Anand		
17.	Mr. G. Pradeep Kumar		
18.	Mr. M. Sakthivel		
19.	Ms. A. Alaimahal		
20.	Mr. K. Karthik		
21.	Mr. B. Karthikeyan		
22.	Dr. B. Muneeswari		
23.	Dr. N. Nagarani		
24.	Mr. L. Vinoth Kumar		
25.	Ms. V.G. Janani		
26.	Mr. S. Vijay Gokul		
27.	Mr. R. Karthi Kumar		
28.	Dr. P. Uma Maheswari		

Item no:	Resolutions
BOS / ECE 3.1	<p>Welcome Address and Opening Remarks by the Chairman, Board of Studies</p> <p>Dr. K. Kavitha, Chairman, Board of Studies of ECE welcomed and introduced the members of Third Board of Studies.</p>
BOS / ECE 3.2	<p>Approval of syllabus for Minor Degree Programme in Embedded Systems and IoT to be offered by Board of Electronics and Communication Engineering</p> <ul style="list-style-type: none"> • Dr. K. Kavitha, Chairman- Board of Studies of ECE presented the List of Courses & Syllabi in "Embedded and IoT" domain and requested the board to confirm and recommend the set of courses as a minor degree programme to be offered by Department of Electronics and Communication Engineering. • The BOS went through the syllabi of the same and resolved to approve the same.

BOS / ECE 3.3	:	<p>Amendment regarding Change in the Curriculum of ECE for interchanging of a Professional Elective and an Open Elective Courses in 7th and 6th Semester respectively</p> <ul style="list-style-type: none"> • Dr. K. Kavitha, Chairman, Board of Studies of ECE issued amendment for interchanging the category of elective in the curriculum for Semester VI and semester VII respectively. • The changes are the interchange of Professional Elective III from Semester VI and Open Elective from Semester VII. • The amended course will carry 3 credits each. • The BoS resolved to ratify the same. The BoS went through Curriculum of the same and resolved to approve the same.
BOS / ECE 3.4	:	<p>Suggestions by BoS Members</p>
		<p><u>Minor Degree: Embedded Systems and IoT</u></p>
3.4.1	:	<p>It is suggested that the total of 10 courses in the Minor Degree shall be offered with 5 courses in two domain buckets say 'Embedded' and 'IoT' each. It is recommended to make atleast one course as Theory with Practical component in each domain bucket which should be mandatory one to opt. Moreover, it is insisted to ensure whether the students opt 3 courses from each of 'Embedded' and 'IoT' domain bucket respectively.</p>
3.4.2	:	<p>It is suggested to coin course code with unique course category for Minor Degree to differentiate with the regular Professional Elective (PE) category and make them distinct.</p>
3.4.3	:	<p>It is recommended to offer Minor Degree programme to not only for Civil, Mechanical and EEE but also to all other departments.</p>
3.4.4	:	<p>The Syllabi of the courses "Sensors and Devices" and "Introduction to IoT and its Applications" seems to cover the physical layer alone. So, it is suggested to reframe the syllabi covering maximum layers and to drop the course "Sensors and Devices".</p>
3.4.5	:	<p>It is recommended to offer "Microcontrollers and Embedded C Programming" and "Introduction to IoT and its Applications" as Theory with Practical courses from each domain buckets which are mandatory one to opt. Also, it is insisted to design the courses as "Theory with Practical" component instead of 'Theory' component alone to the maximum possible extent.</p>
3.4.6	:	<p>It is suggested to revisit the mini project as assignment/practical component to enable other department students to successfully complete the course with ease.</p>

3.4.7	:	It is recommended to include Case Studies on World Wide Smart Cities for the course IoT for Smart Cities in unit 5. Also, it is suggested to have case studies in unit 5 of all courses uniformly.
3.4.8	:	It is suggested to consider an extensive collaboration with the Agricultural Colleges/University especially for the subject "IoT for Smart Agriculture".
3.4.9	:	Uniform number of the text books to be recommended for all the subjects and books and materials can be listed under "References and Learning Resource".
3.4.10	:	It is suggested to include more number of Health Care Courses relevant to IoT domain.

Board of Studies has confirmed and recommended the above resolutions to be presented in the Academic Council for further approval.

Dr.K.Kavitha, Chairman/Board of Studies of ECE has thanked all the members for their kind cooperation and the meeting came to an end.

L. Srinivas
S. Srinivas
A. Srinivas
P. Srinivas
N. Srinivas

Expert Members

Dr. K. Kavitha
R. Srinivas
S. Srinivas
M. Srinivas
K. Srinivas
S. Srinivas
L. Srinivas
V. Srinivas
P. Srinivas
B. Srinivas

M. Srinivas
P. Srinivas
S. Srinivas
N. Srinivas
S. Srinivas
P. Srinivas
S. Srinivas

BoS Members

K. Kavitha
 Chairman/ BOS-ECE

S. Srinivas
 Dean (Academics)

A. Srinivas
 Principal



Kavitha ECE1942 <kavi@vcet.ac.in>

Approval for the change in Professional and Open Electives- reg.,

3 messages

Kavitha ECE1942 <kavi@vcet.ac.in>

Mon, Dec 11, 2023 at 4:26 PM

To: "Dr. Nithyanandan Lakshmanan" <nithi@ptuniv.edu.in>, nithi@pec.edu

Respected Sir,

Good Evening Sir. From our College, it is decided to maintain Uniform Number of Professional Electives and Open Electives for all the Departments. In our VCET R21- ECE Curriculum, there are Six Professional Electives and Three Open Electives. In order to maintain the uniformity insisted in the college, kindly permit us to change a Professional Core Course (Mobile Communication) as a Professional Elective and convert one Professional Elective as Open Elective so that there will be Six Professional Electives and Four Open Electives. We will move the Course "Mobile Communication" under the Vertical VII and High Speed Communication and Vertical VII be renamed as Mobile and High Speed Communication.

I herewith attached the curriculum for your reference. Kindly advise in this regard and approve the same if it is fine Sir.

Thanking You,

**Dr.K.Kavitha, M.E., Ph.D.,
Professor and Head
Department of ECE**

**Velammal College of Engineering and Technology (Autonomous), Madurai -
625009**

Curriculum for GB (1).docx
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Dr. Nithyanandan Lakshmanan <nithi@ptuniv.edu.in>

Mon, Dec 11, 2023 at 6:25 PM

To: Kavitha ECE1942 <kavi@vcet.ac.in>

Madam,

The suggested modification is accepted and APPROVED.

Warm Regards,
L.Nithyanandan.
[Quoted text hidden]

Kavitha ECE1942 <kavi@vcet.ac.in>

Mon, Dec 11, 2023 at 8:40 PM

To: "Dr. Nithyanandan Lakshmanan" <nithi@ptuniv.edu.in>

Respected Sir,
Thank you so much Sir.

regards,
[Quoted text hidden]

k.kavitha
11/12/23

BOS chairman/ECE/VCET



Kavitha ECE1942 <kavi@vcet.ac.in>

Approval for the change in Professional and Open Electives- reg.,

2 messages

Kavitha ECE1942 <kavi@vcet.ac.in>
To: "D.Sriram kumar" <srk@nitt.edu>

Mon, Dec 11, 2023 at 9:12 PM

Respected Sir,


Good Evening Sir. From our College, it is decided to maintain Uniform Number of Professional Electives and Open Electives for all the Departments. In our VCET R21- ECE Curriculum, there are Six Professional Electives and Three Open Electives. In order to maintain the uniformity insisted in the college, kindly permit us to change a Professional Core Course (Mobile Communication) as a Professional Elective and convert one Professional Elective as Open Elective so that there will be Six Professional Electives and Four Open Electives. We will move the Course "Mobile Communication" under the Vertical VII and High Speed Communication and Vertical VII be renamed as Mobile and High Speed Communication.

I herewith attached the curriculum for your reference. Kindly advise in this regard and approve the same if it is fine Sir.

Thanking You,
regards,

**Dr.K.Kavitha, M.E., Ph.D.,
Professor and Head
Department of ECE**

**Velammal College of Engineering and Technology (Autonomous), Madurai -
625009**

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D.Sriram kumar <srk@nitt.edu>
To: Kavitha ECE1942 <kavi@vcet.ac.in>

Tue, Dec 12, 2023 at 9:50 AM

Noted Prof. Fine with it.

Approved.

Sriram
NITT

Quoting Kavitha ECE1942 <kavi@vcet.ac.in>:

Respected Sir,

Good Evening Sir. From our College, it is decided to maintain Uniform Number of Professional Electives and Open Electives for all the Departments. In our VCET R21- ECE Curriculum, there are Six Professional Electives and Three Open Electives. In order to maintain the uniformity insisted in the college, kindly permit us to change a Professional Core Course (Mobile Communication) as a Professional Elective and convert one Professional Elective as Open Elective so that there will be Six Professional Electives and Four Open Electives. We will move the Course "Mobile Communication" under the Vertical VII and High Speed Communication and Vertical VII be renamed as Mobile and High Speed Communication.

I herewith attached the curriculum for your reference. Kindly advise in this regard and approve the same if it is fine Sir.

Thanking You,

K. Kavitha
11/12/23
BOS Chairman/ECE/VCET



Kavitha ECE1942 <kavi@vcet.ac.in>

Approval for the change in Professional and Open Electives- reg.,

2 messages

Kavitha ECE1942 <kavi@vcet.ac.in>

Mon, Dec 11, 2023 at 9:13 PM

To: "Dr.Nagarajan Ganesan" <nagarajanpec@ptuniv.edu.in>

Respected Sir,

Good Evening Sir. From our College, it is decided to maintain Uniform Number of Professional Electives and Open Electives for all the Departments. In our VCET R21- ECE Curriculum, there are Six Professional Electives and Three Open Electives. In order to maintain the uniformity insisted in the college, kindly permit us to change a Professional Core Course (Mobile Communication) as a Professional Elective and convert one Professional Elective as Open Elective so that there will be Six Professional Electives and Four Open Electives. We will move the Course "Mobile Communication" under the Vertical VII and High Speed Communication and Vertical VII be renamed as Mobile and High Speed Communication.

I herewith attached the curriculum for your reference. Kindly advise in this regard and approve the same if it is fine Sir.

Thanking You,


regards,

Dr.K.Kavitha, M.E., Ph.D.,

Professor and Head

Department of ECE

Velammal College of Engineering and Technology (Autonomous), Madurai - 625009

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178K

Dr.Nagarajan Ganesan <nagarajanpec@ptuniv.edu.in>

Mon, Dec 11, 2023 at 9:20 PM

To: Kavitha ECE1942 <kavi@vcet.ac.in>

Madam,

I agree for your proposal

[Quoted text hidden]

**Velammal College of Engineering and Technology, Madurai – 625009
(Autonomous)**

Department of Mechanical Engineering

Board of Studies Meeting – 08.11.2024

Members Present:

- Dr. K. Pannirselvam, NIT, Trichy
- Dr. R. Ramanujam, VIT, Vellore
- Dr. K. Senthil Kumaran, IIITDM
- Mr. M.S. Nagarajan, Optima Heat Technologies
- Mr. M. Selwin, SSMIET, Dindigul
- Dr. G. Manikandan, Dean (III) & HOD/Mech & all staff members of VCET MECH Dept.
- Dr. A. Shanmugalatha, Dean (Academics) & HOD/EEE, VCET
- Dr. P. Alli, Principal, VCET

Meeting Minutes:

- Add Course titled Computer Programming, covering Python programming and problem-solving techniques using tools like Excel, MATLAB, etc.
- Reduce the number of labs scheduled for the Even Semester.
- Tutorial Hour should be planned as a single 1-hour session only.
- Update the course title Calculus and its Application and adjust the tutorial hours as per discussions with the Mathematics Department.
- For practical courses, allocate 3 hours per lab, as this should be sufficient. Instead of scheduling labs for the entire afternoon session, incorporate some club activities during these times.
- Correct typographical errors across course documents for clarity.
- Rename the course Advanced Communication & Interpersonal Skill Development to Effective Communication.
- For credit allocation: assign 1 credit per 1-hour Theory session, 1 credit per 2-hour Lab session, and add 1 credit for Tutorial courses.
- Publish the complete syllabus and curriculum on the college website.
- In the 1st semester, the Physics course includes Electromagnetics (EM) content; rearrange this syllabus to align with Anna University standards.
- Move Engineering Metallurgy from the 1st to the 2nd semester, as students find it challenging in the first Semester.
- Aim to balance course load with 6 theory and 2 lab courses per semester.
- Introduce elective options starting from the 3rd semester.
- Correct the credit conversion for Engineering Graphics.
- In EPL (Engineering Practices Lab), introduce Power Tools as a separate experiment and have students complete a part using them.
- Add experiments on 3D Printing, Fan Bearing Assembly & Disassembly, and include an exercise on basic measuring instruments.
- In the 3rd semester, convert the English Lab to a Soft Skills Lab.
- Reschedule Industrial Engineering and Productivity and Quality courses, placing them after Engineering Metrology for better course flow.
- Update the title Manufacturing Automation to Mechatronics to align with the syllabus level, and include some content on IoT (Internet of Things).
- Introduce novel reading to students as part of the curriculum.

Combine relevant courses to create lab-integrated theory courses and increase the credit hours accordingly.

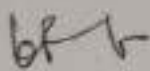
- Offer Welding Technology as a standalone course.
- Rename Innovation Practices Lab to Design Thinking and Ideation Lab.
- For mandatory courses, place a hyphen in the credit column.
- Add Co-Curricular Activities to the curriculum.
- Ensure the inclusion of standards and codes where applicable in syllabus
- Extend the internship period to 1 month.

Points regarding the PG curriculum:

- For the Materials Testing course, include content on Ferrous Materials in Unit III.
- Ensure that course content aligns with learning outcomes rather than focusing solely on manufacturing.
- Reduce the total hours for PG courses, as 60 hours may not be necessary.
- Increase the number of internships and seminars for PG students.
- Provide a dedicated lab for the Modern Manufacturing Process course in the first semester.
- Reorganize overlapping units in the IPR course, especially within the math syllabus.
- Replace Urkund/Turnitin with a module on Research and Ethics.
- Reorder units in the Micro Machining course for better structure.
- Swap the teaching order of Modern Manufacturing and Metal Cutting theory courses.
- Enhance the Advanced CIM course with content on robotics, Group Technology (GT), and path retrieval.
- Introduce a course on Machine Building Technology.
- Integrate additional research components into the curriculum.
- Remove SGC from the Additive Manufacturing syllabus.
- Use new textbooks to frame all syllabi.

• Overall Comments:

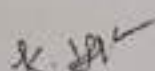
The above suggestions have been provided by experts. Schedule department- and college-wide meetings to discuss these recommendations and incorporate them based on input specific to your college's needs and resources.



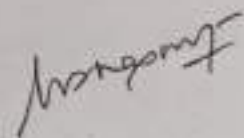
Dr. K. Pannirselvam
NIT, Trichy



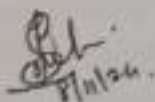
Dr. R. Ramanujam
VIT, Vellore



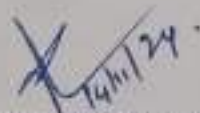
Dr. K. Senthil Kumaran
IIITDM, Chennai



Mr. M.S. Nagarajan,
Optima Heat
Technologies



Mr. M. Selwin
SSMIET, Dindigul



Dr. G. Manikandan,
Dean (III) &
HOD/Mech



Dr. A. Shunmugalatha,
Dean(Academics) &
HOD/EEE, VCET



Dr. P. Abi,
Principal, VCET

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI-625009
(Autonomous)

THIRD ACADEMIC COUNCIL MEMBERS

Date: 20.11.2023

Sl. No.	NAME OF THE EXPERT	ADDRESS
PRINCIPAL		
1.	Dr.P.Alli	Velammal College of Engineering and Technology, Madurai - 625 009
SENIOR PRINCIPAL CUM COORDINATOR		
2.	Dr.N.Suresh Kumar	Velammal Institutions (Madurai Region), Madurai - 625 009
ADVISOR		
1.	Dr.C.Selvaraj, MBA	Velammal College of Engineering and Technology, Madurai - 625 009
MEMBER SECRETARY & CHAIRMAN OF ACADEMIC COUNCIL		
1.	Dr.A.Shunmugalatha, Professor/EEE & Dean (Academics)	Velammal College of Engineering and Technology, Madurai - 625 009
DEANS AND CONTROLLER OF EXAMINATIONS		
1.	Dr.S.Vasuki, Professor/ECE & Dean (Student Affairs)	Velammal College of Engineering and Technology, Madurai - 625 009
2.	Dr.G.Manikandan, Professor/MECH. & Dean (Research and Development)	
3.	Dr.L.Andal, Professor/CIVIL & Dean (Industry Institute Interaction)	
4.	Dr.R.Perumalraja, Professor/IT & Dean (Planning & Development)	
5.	Dr.S.Karthikeyan , Associate Professor/Maths & CoE.	
HEADS OF DEPARTMENT		
1.	Dr. J.P. Annie Sweetlin, Professor & HoD/Civil	Velammal College of Engineering and Technology, Madurai - 625 009
2.	Dr. R.Deepalakshmi, Professor & HoD/CSE	
3.	Dr. K. Kavitha, Professor & HoD/ECE	
4.	Dr.R.Narmatha banu, Professor & HoD/EEE	
5.	Dr.R.Kavitha, Professor & HoD/IT	
6.	Dr. V. Anbumalar, Professor & HoD /Mech	
7.	Dr. S.Sasikala, Professor & HoD / AI&DS	
8.	Dr.V.Selvalakshmi, Associate Professor & HoD/ MBA	
9.	Dr.C.Sankar, Associate Professor & HoD/Chemistry	
10.	Dr. S.Gomathy, Professor & HoD/English	
11.	Dr.A.P.Pushpalatha, Professor & HoD/Maths	
12.	Dr.R.Rajesh, Associate Professor & HoD/Physics	
EXTERNAL EXPERTS (Academic & Industry)		
1	Dr U. Chandrasekhar Program Director	CRO Cambrian Labs, No A 206, Mithuna White Water Srirampura Main Road, Amruthhalli Jakkur, Bangalore-64

FACULTY MEMBERS OF THE INSTITUTE		
1.	Dr.A.V.Deepan Chakravarthi, Associate Professor/Civil	Velammal College of Engineering and Technology, Madurai - 625 009
2.	Dr.G. Vinoth Chakkaravarthy, DCoE & Professor/CSE	
3.	Dr.P.Suveetha Dhanaselvam, Professor / ECE	
4.	Dr. M.Maran, Professor /Mech.	
EXTERNAL EXPERTS		
1.	Dr.R.Harikumar Professor/ECE	Bannari Amman Institute of Technology Sathy - Bhavani State Highway, Alathukombai - Post, Sathyamangalam - 638401
2.	Dr. S. Rajamohan Managing Director	EnviroCare India Pvt. Ltd, Madurai 43, Second Street, Harvey Nagar, Arasaradi, Madurai – 625 016
3.	Dr. N. Kannan , Principal	The Oxford college of Engineering Bangalore.
UNIVERSITY NOMINEE		
1.	Dr.G.Umadevi , Professor /Civil & Director (CMD SR) & Director (ATAL INCUBATION CENTRE)	Department of Civil Engineering, Division of Transportation Engineering , CEG Campus, Anna University, Chennai-6000025
2.	Dr.A.Kunthavai , Professor/CSE	Department of Computer Science and Engineering, Coimbatore Institute of Technology, Coimbatore - 641014.
3.	Dr.N.Nandhakumar , Professor & Head / Engineering Design	Faculty Engineering Design , Government College of Technology, Thadagam Road, Coimbatore-641013
COORDINATOR		
1.	Dr.S.Dhanalakshmi, Professor /EEE	Velammal College of Engineering and Technology, Madurai - 625 009

A. S. S. 20/11/23
Chairman (Academic Council)



Def 20/11/23
Principal

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VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 29.11.2023

Ref No: CSE/BoS-III /2023-24

MINUTES OF THE MEETING

The Board of Studies Meeting - III for the B.E. Computer Science and Engineering was held on 20.11.23 (Monday) through Online Mode.

MEMBERS PRESENT

Principal – Dr.P.Ali, Velammal College of Engineering and Technology, Madurai

Dean (Academics) – Dr. A. Shunmugalatha, Professor-EEE, VCET, Madurai

Chairman (Board of Studies) - Dr. R.Deepalakshmi, Professor & Head-CSE, VCET

University Nominee - Dr. C. Senthil Kumar, Associate Professor, TCE, Madurai

Subject Expert - Dr. T.Senthil Kumar, Associate Professor ,Amirtha College of Engineering, Coimbatore

Subject Expert – Dr. N. Kannan, Principal/Oxford College of Engineering, Bengaluru

Industry Expert – Mr. Rajesh Britto, GARETTE, Madurai

Alumnus – Mr.B.Mukunth, Test Lead, Victoria's Secret& Co.,Bengaluru

All CSE Department Faculty Members

**BOS/CSE/3.1: Welcome Address and opening remarks by the Chairman, Board of studies-
Department of Computer Science and Engineering**

Dr. R. Deepalakshmi, Chairman of Board of Studies for the Department of Computer Science and Engineering, welcomed expert members and faculty members to a significant meeting. She expressed gratitude for their commitment to academic excellence and highlighted the importance of their presence. Dr. R.Deepalakshmi briefly outlined the Institution and Department key features and emphasized the collective Vision, Mission, and goals. The Program Educational Objectives (PEOs), Program Outcomes (POs), and Program Specific Outcomes (PSOs) were presented as integral for shaping future technology leaders.

Dr. R. Deepalakshmi emphasized the importance of insights and recommendations for enhancing the educational experience. The opening remarks set a positive tone for the meeting, expressing confidence in the collective efforts to contribute to the Department success. The BoS Chairman placed the following agenda for the deliberations and discussions of the members. The following are the deliberations made during the meeting.

BOS/CSE/3.2: Points for Amendments

- Open Elective-II has been moved from Semester-VII to follow the same Curriculum Structure throughout the College
- The course "21CS401-Cryptography and Network Security" has not considered, since it is available in Verticals-IV.

The proposed amendments were considered by the expert members, and it was agreed that these changes would be implemented.

BOS/CSE/3.3: Approval of proposed changes in the curriculum of Regulations R-2021 for B.E. Computer Science and Engineering (CBCS) from I to VIII Semesters

The expert members have approved the changes in the curriculum of Regulations R-2021 for B.E. Computer Science and Engineering (CBCS) from I to VIII Semesters.

BOS/CSE/3.4: "Guidelines for Developing Curriculum and Syllabi for the forthcoming Regulations R-2025"

- Dr. C. Senthil Kumar & Dr.N.Kannan suggested to format the curriculum in accordance with Anna University credit system (162) while also taking into account credits from other Departments.
- Dr. T.Senthil Kumar recommended to prioritize placement activities with increased emphasis and focus.

Following are the recommendations provided by the members. The BoS Chairman stated that the valuable suggestions would be appropriately integrated into the Curriculum and Syllabi. The specific changes implemented are as follows:

Semester VI:

- Dr. A. Shunmugalatha suggested to eliminate the tutorial hours in the course "21CS305-Compiler Design," with a reduction of one credit.
- Dr. A. Shunmugalatha suggested to replace the course "21CS306-Embedded and IoT" by the course "21CS402-Data Science" (VII Semester).
- Dr. R. Deepalakshmi mentioned that Open Elective-II course has been moved from Semester-VII.

Semester VII:

- "21CS401-Cryptography and Network Security" has not considered, since it is available in Verticals-IV.
- The course "21IT401-Big Data Engineering" is exempted, since it has been taught in the Naan Mudhalvan Scheme during V Semester.

By incorporating the aforementioned modifications, the total number of credits has been revised to 162, a reduction from the initial total of 170.

BOS/CSE/3.5: General Suggestions from BoS Expert Members

Following the recommendations provided by the expert members, the BoS Chairman stated that these suggestions would be incorporated.



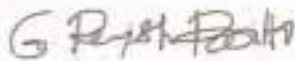
University Nominee
Dr. C. Senthil Kumar



Subject Expert1
Dr. N. Kannan



Subject Expert 2
Dr. T. Senthilkumar



Industry Expert
Mr. Rajesh Britto



Alumni
Mr. B. Mukunth



29/11/23

BoS Chairman
Dr. R. Deepalakshmi



29/11/23

Dean (Academics)
Dr. A. Shunmugalatha



29/11/23

Principal
Dr. P. Alli

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI-625009
(Autonomous)

THIRD ACADEMIC COUNCIL MEMBERS

Date: 20.11.2023

Sl. No.	NAME OF THE EXPERT	ADDRESS
PRINCIPAL		
1.	Dr.P.Alli	Velammal College of Engineering and Technology, Madurai - 625 009
SENIOR PRINCIPAL CUM COORDINATOR		
2.	Dr.N.Suresh Kumar	Velammal Institutions (Madurai Region), Madurai - 625 009
ADVISOR		
1.	Dr.C.Selvaraj, MBA	Velammal College of Engineering and Technology, Madurai - 625 009
MEMBER SECRETARY & CHAIRMAN OF ACADEMIC COUNCIL		
1.	Dr.A.Shunmugalatha, Professor/EEE & Dean (Academics)	Velammal College of Engineering and Technology, Madurai - 625 009
DEANS AND CONTROLLER OF EXAMINATIONS		
1.	Dr.S.Vasuki, Professor/ECE & Dean (Student Affairs)	Velammal College of Engineering and Technology, Madurai - 625 009
2.	Dr.G.Manikandan, Professor/MECH. & Dean (Research and Development)	
3.	Dr.L.Andal, Professor/CIVIL & Dean (Industry Institute Interaction)	
4.	Dr.R.Perumalraja, Professor/IT & Dean (Planning & Development)	
5.	Dr.S.Karthikeyan , Associate Professor/Maths & CoE.	
HEADS OF DEPARTMENT		
1.	Dr. J.P. Annie Sweetlin, Professor & HoD/Civil	Velammal College of Engineering and Technology, Madurai - 625 009
2.	Dr. R.Deepalakshmi, Professor & HoD/CSE	
3.	Dr. K. Kavitha, Professor & HoD/ECE	
4.	Dr.R.Narmatha banu, Professor & HoD/EEE	
5.	Dr.R.Kavitha, Professor & HoD/IT	
6.	Dr. V. Anbumalar, Professor & HoD /Mech	
7.	Dr. S.Sasikala, Professor & HoD / AI&DS	
8.	Dr.V.Selvalakshmi, Associate Professor & HoD/ MBA	
9.	Dr.C.Sankar, Associate Professor & HoD/Chemistry	
10.	Dr. S.Gomathy, Professor & HoD/English	
11.	Dr.A.P.Pushpalatha, Professor & HoD/Maths	
12.	Dr.R.Rajesh, Associate Professor & HoD/Physics	
EXTERNAL EXPERTS (Academic & Industry)		
1	Dr U. Chandrasekhar Program Director	CRO Cambrian Labs, No A 206, Mithuna White Water Srirampura Main Road, Amruthhalli Jakkur, Bangalore-64

FACULTY MEMBERS OF THE INSTITUTE		
1.	Dr.A.V.Deepan Chakravarthi, Associate Professor/Civil	Velammal College of Engineering and Technology, Madurai - 625 009
2.	Dr.G. Vinoth Chakkaravarthy, DCoE & Professor/CSE	
3.	Dr.P.Suveetha Dhanaselvam, Professor / ECE	
4.	Dr. M.Maran, Professor /Mech.	
EXTERNAL EXPERTS		
1.	Dr.R.Harikumar Professor/ECE	Bannari Amman Institute of Technology Sathy - Bhavani State Highway, Alathukombai - Post, Sathyamangalam - 638401
2.	Dr. S. Rajamohan Managing Director	EnviroCare India Pvt. Ltd, Madurai 43, Second Street, Harvey Nagar, Arasaradi, Madurai – 625 016
3.	Dr. N. Kannan , Principal	The Oxford college of Engineering Bangalore.
UNIVERSITY NOMINEE		
1.	Dr.G.Umadevi , Professor /Civil & Director (CMD SR) & Director (ATAL INCUBATION CENTRE)	Department of Civil Engineering, Division of Transportation Engineering , CEG Campus, Anna University, Chennai-6000025
2.	Dr.A.Kunthavai , Professor/CSE	Department of Computer Science and Engineering, Coimbatore Institute of Technology, Coimbatore - 641014.
3.	Dr.N.Nandhakumar , Professor & Head / Engineering Design	Faculty Engineering Design , Government College of Technology, Thadagam Road, Coimbatore-641013
COORDINATOR		
1.	Dr.S.Dhanalakshmi, Professor /EEE	Velammal College of Engineering and Technology, Madurai - 625 009

A. S. S. 20/11/23
Chairman (Academic Council)



Def 20/11/23
Principal

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VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI-625009
(Autonomous)

SECOND ACADEMIC COUNCIL MEMBERS

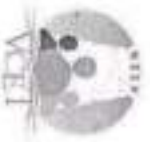
SL. NO	NAME OF THE EXPERT	ADDRESS
CHAIRMAN		
1.	Dr.P.Alli, Principal	Velammal College of Engineering and Technology Velammal Nagar, Madurai-Rameswaram High Road, Viraganoor, Madurai - 625 009
Senior Principal		
2.	Dr.N.Suresh Kumar, Senior Principal cum Coordinator	Velammal Institutions (Madurai Region), Velammal College of Engineering and Technology, Velammal Nagar, Madurai-Rameswaram High Road, Viraganoor, Madurai - 625 009
DEANS and Controller of Examinations		
1.	Dr.A.Shunmugalatha, Professor & Dean (Academics)	Velammal College of Engineering and Technology Velammal Nagar, Madurai-Rameswaram High Road, Viraganoor, Madurai - 625 009
2.	Dr.S.Vasuki, Professor & Dean (Student Affairs)	
3.	Dr.G.Manikandan, Professor & Dean (Research and Development)	
4.	Dr.L.Anbal, Professor & Dean (Industry Institute Interaction)	
5.	Dr.R.Perumalraja, Dean (Planning & Development)	
6.	Dr.S.Karthikeyan , Associate Professor & CoE	
HEADS OF DEPARTMENT		
1.	Mrs. J.P. Annie Sweetlin, Professor & HoD/Civil	Velammal College of Engineering and Technology Velammal Nagar, Madurai-Rameswaram High Road, Viraganoor, Madurai - 625 009
2.	Dr. R.Deepalakshmi, Professor & HoD/CSE	
3.	Dr. K. Kavitha, Professor & HoD/ECE	
4.	Dr.R.Narmatha banu, Professor & HoD/EEE	
5.	Dr.R.Kavitha, Professor & HoD/IT	
6.	Dr. V. Anbumalar, Professor & HoD /Mech	
7.	Dr.S. Rajkumar, Associate Professor & HoD/Chemistry	
8.	Dr. S.Gomathy, Professor & HoD/English	
9.	Dr.A.P.Pushpalatha, Professor & HoD/Maths	
10.	Dr.D.Ravindran, Associate Professor & HoD/Physics	

FACULTY MEMBERS OF THE INSTITUTE		
1.	Mr.Deepan Chakravarthi, Assistant Professor III/Civil	Velammal College of Engineering and Technology Velammal Nagar, Madurai-Rameswaram High Road, Viraganoor, Madurai - 625 009
2.	Dr.G. Vinoth Chakkaravarthy, DCoE & Associate Professor/CSE	
3.	Dr.P.Suveetha Dhanaselvam, Associate Professor / ECE	
4.	Dr. M.Maran, Professor /Mech	
EXTERNAL EXPERTS		
1.	Dr.R.Harikumar Professor/ECE	Bannari Amman Institute of Technology Sathy - Bhavani State Highway, Alathukombai - Post, Sathyamangalam - 638401
2.	Dr. S. Rajamohan Managing Director	EnviroCare India Pvt. Ltd, Madurai 43, Second Street, Harvey Nagar, Arasaradi, Madurai – 625 016
3.	Dr. N. Kannan , Principal	The Oxford college of Engineering Bangalore.
4.	Dr U. Chandrasekhar Program Director	Addwize - Wipro3D 9-B/10-A, 1st Stage, Phase -1, Peenya, Bengaluru - 560058
UNIVERSITY NOMINEE		
1.	Dr.G.Umadevi , Professor/Civil	Department of Civil Engineering, Division of Transportation Engineering , CEG Campus, Anna University, Chennai-6000025
2.	Dr.A.Kunthavai , Professor/CSE	Department of Computer Science and Engineering, Coimbatore Institute of Technology, Coimbatore - 641014 .
3.	Dr.N.Nandhakumar , Professor & Head/ Engineering Design	Faculty Engineering Design , Government College of Technology, Thadagam Road, Coimbatore-641013
Member Secretary		
1.	Dr.S.Dhanalakshmi , Professor /EEE	Velammal College of Engineering and Technology Velammal Nagar, Madurai-Rameswaram High Road, Viraganoor, Madurai - 625 009

A. S. S. 12/11/22
DEAN (Academics)



Deep
17/11/22
Chairman (Academic Council)



VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI.
(Autonomous)
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Date: 24.11.2023

Ref No: B.Tech. AI&DS/BoS-I /2023-24

Minutes of the 1st Bos Meeting for B. Tech. (AI&DS)

The Board of Studies meeting for B.Tech. (Artificial Intelligence and Data Science) was held on **24.11.23(Friday)** from **11:00 am to 1:15 pm**. The following members attended the meeting.

Dean (Academics)

Dr. A. Shammugalatha, Professor /EEE

Chairman (Board of Studies)

Dr. S.Sasikala, Professor & Head, Department of AI & DS.

University Nominee

Dr. C. Senthil Kumar, Associate Professor, Thiagarajar College of Engineering, Madurai.

Subject Experts

1. Dr.S.Geetha, Professor and Associate Dean (Research), Vellore Institute of Technology, Chennai.

2. Dr.J.Angela Jennifa Sujana, Professor & Head, Department of Artificial Intelligence and Data Science, Mepeo Schlenk Engineering College, Sivakasi

Industry Expert, (Online)

Er. Karthik Palanisamy, Cyber Security Architect, Garette – Advancing Motion, Madurai.

Alumnus

Mrs. P. Ramya, Assistant Professor, Department of Information Technology, K.L.N. College of Engineering, Madurai.

Department Bos Members

1. Dr. M. Rajhini, AP/AI & DS

2. Dr. T. Grace Shalini, AP/AI & DS

BoS/AI&DS/1.1: Welcome Address and opening remarks by the Chairman, Board of studies-

Department of Artificial Intelligence and Data Science

Dr. A. Shammugalatha, Professor /EEE and Dean (Academics) welcomed the Bos members and the faculty members. Dr.S.Sasikala, Chairman -Board of Studies presented the highlights of the Institution and the Department in a nutshell. Department Vision, Mission, PEOs, POs and PSOs were presented to the members. The Chairman presented the agenda for the deliberations and discussions of the members.

BoS/AI&DS/1.2: Presentation of proposed curriculum and syllabus for B.Tech.(Artificial Intelligence and Data Science) for Semester I to VIII, Open Electives (Emerging Technologies), Professional Electives (Vertical 1-6).

BOS Chairman presented the Curriculum and Syllabi for semester I – VIII of B.Tech. Artificial Intelligence and Data Science under Regulations R-2021 (CBCS).

Bos/AI&DS/1.3: Suggestions by Bos Members

1. Dr. C. Senthil Kumar suggested to provide Computer Networks and Operating System as a separate theory and laboratory component respectively to enrich the knowledge of the student instead of theory cum laboratory component.
2. Dr. S. Geetha suggested to include the course Probability and Statistics instead of Stochastics Process and its Applications in fourth semester.
3. Dr.S.Geetha and Dr.J.Angela Jennifa Sujana suggested to include Software Engineering, Design and Analysis of Algorithms as core component courses and also suggested to include recent trend of AI disciplines such as Recommender System, Generative AI and Steganalysis as emerging courses under various verticals.
4. Dr.J.Angela Jennifa Sujana suggested to include programming courses such as Object Oriented Programming and Java as value added courses which in turn helps in placements.
5. Dr. A. Shunmugalatha, Professor/EEE and Dean (Academics) suggested to have theory cum lab component for open electives.
6. Dr. C. Senthil Kumar and Dr. S. Geetha suggested to have five verticals instead of six verticals.

Bos/AI&DS/1.4: Approval of proposed curriculum and syllabi for semester I – VIII of B.Tech. Artificial Intelligence and Data Science under Regulations R-2021 (CBCS).

BOS members approved the revised curriculum and syllabi for semester I – VIII of B.Tech. Artificial Intelligence and Data Science programme and Open Electives (Emerging Technologies) for EEE, MECH and CIVIL.

The meeting ended with Vote of Thanks by Dr. A. Shunmugalatha, Professor/EEE and Dean (Academics). The meeting ended at 1:15 pm.

				
University Nominee Dr. C. Senthil Kumar AS/PTCE	Subject Expert 1 Dr.S.Geetha Prof & Associate Dean (Research), VIT	Subject Expert 2 Dr.J.Angela Jennifa Sujana Professor & Head Mepco Schlenk Engg College-	Industry Expert Dr. Karthik Palanisamy Cyber Security Architect, Garter – Advancing Mission	Alumnus Mrs. P. Ranjya APR/LNCE
				
Bos – Chairman Dr. Sankar, Prof & Head/AI & DS		Dr. A. Shunmugalatha Dean (Academics)		Dr. P. Anil Principal

VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI-625009.

(AUTONOMOUS)
(Accredited by NAAC with 'A' Grade and by NBA for 5 UG Programmes)
(Approved by AICTE and affiliated to Anna University, Chennai)

Department of Civil Engineering

MINUTES OF MEETING

VCET/ACD/BoS/CIV/2023-24/01

Date & Time: 18.11.2023 & 2.00pm

	External Members	Internal Members
		Online
MEMBERS PRESENT	Dr.R. Ponnudurai, University Nominee, Associate Professor, Department of Civil Engineering, Thiagarajar College of Engineering, Madurai	Dr. N. Suresh Kumar, Senior Principal Dr. P. Alli, Principal Dr. A. Shunmugaliatha, Dean Academics Dr. L. Andral, Professor / Dean (Industry Institute Interaction (III))
	Dr. S. T. Ramesh, Professor, Department of Civil Engineering, National Institute of Technology, Tiruchirappalli.	Dr. J.P. Annie Sweetlin Jebarani, Prof / Head, Chariman Dr. A. V. Deepanchakravarthi, Asso. Prof Dr. R. Yuvaraja, AP – II Mr. M. Sathish Kumar, AP – III Ms. S. Venkatasriya, AP – III Mr. M. Deepak, AP – III Dr. J. Vinotha Jenifer, AP -III Mr C Rajendra Prasath, AP - III Mr S Sasikumar, AP - III Mr R Mafaz Ahamed, AP - III
	Dr. S. Thiruganasambandam, Professor, Department of Civil Engineering, Annamalai University.	
	Mr. R John Sandeep, Chief Engineering Manager (Civil), L & T Constructions, B&F, Chennai.	
	Mr. S. Ganesh Bala, Senior Engineer, Khatib&Alami Engineering Pvt Ltd, Bengaluru.	
MEMBERS LEAVE/ON DUTY due to preoccupied work		

Agenda		Suggestions by External members
Welcome Address by Dean III		Dr. L Andral Welcomed the Internal and external members for the meeting
Opening Remarks by the Chairman - Professor & Head		Dr. J.P Annie Sweetlin Jebarani presented the Vision and Mission of the college and the department, the achievements of college and department, Minutes of Previous Board of Studies meetings and the suggestions to be implemented in the present curriculum 2021 and regulations 2021.
Approval for change in curriculum 2021		<p>Points presented</p> <p>The Board has approved for the following suggestions</p> <ul style="list-style-type: none"> To include Open Elective II in VI semester. To include Professional Elective III in VII semester. The framework of the curriculum is fixed with six Professional Electives and four Open Electives
Suggestions for Curriculum 2024 B.E.(CIVIL) and regulations 2024		<p>General</p> <ul style="list-style-type: none"> • Elimination of Engineering Geology course and incorporating important topics in Soil Mechanics • Merging of courses Fluid Mechanics and Hydraulics and Hydraulic Machinery in to a Theory with Practical course as Fluid Mechanics and Machineryes. • Merging of courses Water Supply Engineering, Wastewater Engineering and Water and Wastewater Analysis Laboratory in to a Theory with Practical course as Water Supply and Wastewater Engineering. • Merging of courses Mechanics of solids and Strength of Materials. <p>Dr. S. T. Ramesh.</p> <ul style="list-style-type: none"> • Suggested not to use the name of the softwares and companies for coining the name of the core credit courses. • Insisted to change the eligibility criteria for the advancement of courses, CGPA shall be reduced to 7 or 7.5 instead of 8. • Suggested to merge the advancement of courses classes along with the senior classes.

- Recommended to mentor the students to take-up the advancement of courses and move on to internships and industrial training during their VIII semester.

Dr. L. Andral Dean (III) prompted regarding the best practices followed at NIT, Trichy Discussions on regulations and policies of National Institute of Technology, Trichy

The total credits are limited below 160, which includes 16 Core courses and 3 Professional Electives and 7 Open Elective courses along with the other mandatory and value added courses.

They offer a minor degree in Computer Science with 15 credits earned through 5 courses.

They offer a Honors degree with 12 credits earned through 4 courses.

Students shall begin their projects at the end of II semester, which shall also be a Multi-Disciplinary Project grouped along with the students of other discipline and the Guides may also be selected from the discipline of their interests.

An extensive importance has been given for Industrial training, Internships even from foreign countries through fellowships during VI semester summer vacation as a part of their curriculum. Relaxation are also being provided for the students such that they can come and join the classes even after 1.5 months after the commencement of the classes in the case of foreign internships.

They follow a relative grading pattern for the students based on class average, whom ever comes above the class average comes under category A and below the class average comes under category C.

Formative assessment pattern is being followed for the slow learners which involves a different mode of learning and assessment patterns like Problem solving and assignments etc. as per the wish of the faculty members concerned. These assessment methods are adopted only when the student fails in supplementary examinations conducted periodically to clear their backlogs even after their VI semesters.

Before convocation special supplementary examinations will be conducted for the final year students to clear their backlogs and move on graduated along with their batch mates

They follow a tailor made assessment policies framed by individual faculty members but not a common policy of assessments

Students securing CGPA of 7.5 and above falls under First class with Distinction, 6.5 - 7.5 with or without history of arrears falls under First class and below 6.5 with or without history of arrears falls under second class. Students with any authorized breaks due to medical reasons are also allowed to take-up the examinations along with regular students so that they shall not miss first classes and distinctions.

The students are given with three grades namely F grade is for students who are absent in any of assessments, V grade is for students with shortage of attendance, X grade is for candidates who are absent only in end semester assessments. Supplementary examinations will be conducted for students securing F grade and the students with backlogs for 100 marks and the students with X grade shall takeup only the missed portions so that they shall be able to secure good grades.

Dr. L. Andral, Dean (III) enquired regarding the placement initiatives to be carried out to make students as Industry ready Engineers.

Dr. J.P. Annie Sweetlin Jebarani, Professor & Head/ Civil Engineering asked for the suggestions regarding the alternative platforms that can be included in addition to NPTEL for online courses.

Mr. R John Sandeep

- Suggested not to use the name of the softwares and companies for coining the name of the One Credit courses.
- Recommended to make the students to be stronger in basic Engineering concepts and send them for more number of Inplant trainings which would boost their confidence levels and also help them to choose their career.
- Suggested to make the students to concentrate more on softskills and communication skills which could be helpful for them in their placements.
- Appreciated for having included the courses like Design Thinking, Innovation by Design which are in advanced levels that are being adopted for the employees of various Multi-National Companies.
- Suggested to include courses in the context of Problem Solving Techniques which could favour the Engineers to identify the root-cause of the major technical issues.

- Suggested for including L&T Edutech as an additional platform for Online courses which the students can take up instead of Professional/Open Elective if possible

Dr. S. Thiruganasambandam

- Suggested to implement the policies of NIT, Trichy
- Agreed with the suggestions of other experts that it is not advisable to use the name of the softwares and companies offering the program for coining the name of the One Credit courses.
- Approved to merge the courses such as Fluid mechanics, Hydraulics and Hydraulic machineries in to a Theory with Practical course.
- Approved to merge the courses such as Water Supply Engineering, Wastewater Engineering and Water and Wastewater Analysis Laboratory in to a Theory with Practical course.

Dr. J.P. Annie Sweetlin Jebarani, Professor & Head/ Civil Engineering asked for the suggestions regarding the regulations followed at TCE for Theory with Practical courses.

Dr. R. Ponnudurai

- Recommended to include the Courses related to the context of Lateral Thinking which focuses on problem solving techniques in one credit courses.
- Recommended to make the students to follow the same policy adopted as of now for theory with Practical courses which is being followed at TCE also. – The student has to reappear in both theory and lab exams if he fails in any of the two or both theory and practical
- Suggested to include courses on Differential Global Positioning Systems which is currently an alternative for Total Station in One credit courses.

Mr. S. Ganesh Bala

Dr. J.P. Annie Sweetlin Jebarani, Professor & Head/ Civil Engineering asked for the suggestions from our Alumnus Mr. S Ganesh Bala whose suggestions may help in refining the curriculum by inculcating the state of art practices to be taught to the students.

- Suggested to include the softwares related to hydrology, water supply and wastewater treatment designs in one credit courses.

<p>Concluding Remarks</p>	<ul style="list-style-type: none"> Recommended to include Bentley as an additional platform for Online courses which the students can take up instead of Professional/Open Elective if possible <p>Dr. A. Shunmugalatha (Dean Academics)</p> <ul style="list-style-type: none"> Clarified queries on Professional Elective and Open Elective courses and about the uniformity in the curriculum of VCET to concerned expert members.
	<p>The Expert members suggested that the current syllabus is well-structured; however, the above suggestions will enhance the quality and bring the course of study in better stream flow. Upon closing, Dr. J.P. Annie Sweetlin Jebarani Professor & Head/ Civil Engineering, thanked the expert members, Senior Principal, Principal, Dean (Academics) and internal members towards the smooth conduct of the meeting.</p>

Ponnudurai
18/11/23
BoS Member
Dr. R. Ponnudurai
(Anna University Nominee)

Annie Sweetlin
18/11/23
BoS Chairman
Dr. J.P. Annie Sweetlin Jebarani

A. Shunmugalatha
18/11/23
Dean (Academics)
Dr. A. Shunmugalatha

P. P. Ali
Principal
Dr. P. Ali

S. Ramesh
(Dr. S. Ramesh)

SUBJECT EXPERT
FROM OUTSIDE
PARENT UNIVERSITY

**VELAMMAL COLLEGE OF ENGINEERING AND TECHNOLOGY, MADURAI
(AUTONOMOUS)**

Department of Electrical and Electronics Engineering

Third Board of Studies Meeting

MINUTES OF MEETING

VCET/ACD/BoS/Dept/2023-24/03

Date & Time: 17.11.2023 & 10.00 a.m.

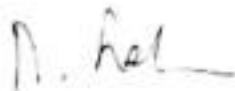
MEMBERS PRESENT	External Members	Internal Members
	Online	
	<p>Dr. M. Sundaram Associate Professor, Department of EEE, PSG College of Technology, Coimbatore – 641 004. (University Nominee)</p> <p>Dr. R. Gnanadass Professor / EEE, Pondicherry Engineering College, Puducherry – 605 014. (Subject expert)</p> <p>Dr. P. Raja Associate Professor/EEE , National Institute of Technology, Tiruchirappalli – 620 015 (Subject expert)</p> <p>Er. J. Britto sahayam Vice President –Projects, BGR Energy Systems Ltd., Chennai – 600 018. (Representative from Industry)</p> <p>Er. G. Kadhar Mohideen Senior Data Engineer-Senior Credit Risk Analyst, Common Wealth Bank-GCC, Bengaluru – 560 001. (Post Graduate Alumnus)</p>	<p>Dr.A.Shunmugalatha, Professor & Dean (Academics)</p> <p>Dr.R.Narmatha Banu, Professor & Head</p> <p>Dr.N.Karpagam, Professor</p> <p>Dr.S.Dhanalakshmi, Professor</p> <p>Dr.S.Senthilrani, Associate Professor</p> <p>Dr.A.Radhika, Associate Professor</p> <p>Dr.T.Chandrasekar, Associate Professor</p> <p>Dr.B.Kiruthiga, Assistant Professor I</p> <p>Mrs.V.Umayal Muthu, Assistant Professor II</p> <p>Mrs.J.Rajeswari, Assistant Professor III</p> <p>Dr.S.Chellam, Assistant Professor III</p> <p>Mrs.M.Devaki, Assistant Professor III</p> <p>Mrs.R.Saranya, Assistant Professor III</p> <p>Mr.A.Madhan, Assistant Professor III</p>

Agenda	Points Presented	Suggestions by External members	Responsibility	Target Date
<p>Welcome address and Opening Remarks by the BoS Chairman</p> <p>Dissemination of Vision & Mission of Institute and Department</p>	<p>Welcome note was presented by Dr.R.Narmatha Banu, BoS Chairman, Professor & Head-EEE</p> <p>Followed by that, the Vision and Mission Statement of Institute and Department were disseminated. The Institute and department profile were presented</p>	<p>Experts appreciated the alignment of Vision and Mission Statement of Institute and Department</p>	<p>--</p>	<p>--</p>
<p>Including course in Vertical VI (High Voltage Engineering)</p>	<ul style="list-style-type: none"> ➤ Inclusion of High Voltage Engineering course in Vertical VI for B.E.(EEE) regulations 2021 was presented by Dr.R.Narmatha Banu, BoS Chairman , Professor & Head-EEE ➤ Dr.A.Shunmugalatha, Professor/EEE, Dean (Academics) Highlighted the importance of High-Voltage Engineering course in Electrical Engineering field. 	<ul style="list-style-type: none"> • Dr. M. Sundaram (University Nominee) mentioned that the green corridor topic can be included in the syllabus • Dr. R. Gnanadass (Subject Expert) gave a suggestion to include high frequency transformer in the syllabus. • Dr.P.Raja (Subject Expert) gave a suggestion to shuffle the units. <ul style="list-style-type: none"> ➤ Unit-I :Over voltages in Electrical Power Systems ➤ Unit-II :Generation Of High Voltages and High Currents ➤ Unit-III :Measurement of High Voltages and High Currents ➤ Unit-IV :Dielectric Breakdown ➤ Unit-V :High Voltage Testing & Applications 	<p>Course designer of concern course</p>	<p>22.11.2023</p>

Shifting Research Methodology and IPR course from semester III to semester I and Professional Elective from semester I to semester III for PG Course		<ul style="list-style-type: none"> Experts accepted the modifications made in PG Course. 	-	-
Discussion on Syllabus & Curriculum		Experts appreciated that the department is having qualified group of faculty members with different specialization	All Course designers	--
Concluding Remarks	Dr.R.Narmatha Banu, BoS Chairman, Professor & Head-EEE proposed the concluding remark of BoS meeting. She extended her thankfulness to all members for giving their valuable suggestions.	BoS Experts suggested to incorporate the comments given by them.	--	--



Dr. M. Sundaram
(University Nominee)



Dr. R. Gnanadass
(Academic Expert)



Dr. P. Raja
(Academic Expert)



Er. J. Britto Sahayam
(Industry Expert)



Er. G. Kadhar Mohideen
(PG Alumnus)



Mrs. R. Saranya
(BoS MoM Incharge)



Dr. R. Narmatha Banu
(BoS- Chairman)



Dr. A. Shunmugalatha
Dean (Academics)



Dr. P. Alli
(Principal)

Velammal College of Engineering and Technology, Madurai
(Autonomous)
Department of Information Technology
Minutes of Board of Studies (BoS) Meeting

Date: 20/11/2023

Venue: Online - <https://meet.google.com/akk-thand-onv>

Time: 11:00 am - 12.10 pm

- IT department Board of Studies Meeting was held on 20.11.2023 through online mode

The following members were present in the meeting:

- University Nominee - Dr. C. Senthil Kumar, ASP/ TCE, Madurai
- Subject Expert - Dr. N. Kannan, Principal, The Oxford College of Engineering, Bangalore
- Subject Expert - Dr. T. Senthil Kumar, ASP / Amrita School of Engineering, Coimbatore
- Industry Expert - Mr. G. Rajesh Britto, Garrett Motion Engineering Solutions Private Limited, Madurai
- Post Graduate Alumni - Mr. Kartick, HCL, Madurai
- Principal - Dr. P. Allu, VCET, Madurai
- Dean / Academics - Dr. A. Shunmugalatha, Professor/ EEE, VCET
- Dean / Planning and Development - Dr. R. Perumalraja, Professor/ IT, VCET
- Chairman (Board of Studies) - Dr. R. Kavitha, Professor & Head / IT, VCET
- BoS Member - Dr. S. Karnalesh , Professor /IT, VCET
- BoS Member - Mrs. C. Manjula Devi, Assistant Professor/IT, VCET

- Dr. R. Kavitha, Chairman, BoS welcomed the members of BoS
- Vision, Mission and Achievements of VCEET were presented to the members
- Department of IT- Vision, Mission, PEOs, POs and PSOs were presented to the members
- Hold/ IT highlighted the Department academic activities, achievements, Industry collaboration and Placement details
- Dr.R.Kavitha presented the Curriculum of UG Programme B.Tech-IT and the syllabus of 1 semester to VIII semester-2021 Regulations
- Chairman/BoS requested suggestions from the expert members to frame a new curriculum/syllabus for 2025 regulations

Suggestions and Recommendations by BoS members for B.Tech - IT Programme:

Dr. C. Seethil Kumar, Associate Professor, Thiagarajar College of Engineering, Madurai – Anna University Nominee

Suggestions given	Action Taken
Power BI and other similar tools can be included in the course curriculum	Points considered
Amazon Web Services (AWS) certified courses can be included as One Credit courses	Points considered
Credit categories should be evenly distributed in the curriculum aligning closely with Anna University standards	It will be taken into consideration while framing new curriculum

Dr. N. Kannan - Principal, The Oxford College of Engineering, Bangalore - Subject Expert

Suggestions given	Action Taken
He insisted on reducing the total number of credits from 167	Points considered
He proposed the idea of replacing one 3-credit course with three 1-credit courses	Points considered

Dr. T. Senthil Kumar - Associate Professor, Amrita School of Engineering - Subject Expert

Suggestions given	Action Taken
He insisted on including custom-made courses for visualizing data from web applications, believing that this addition would enhance placement prospects	Points considered
For One credit courses, evaluation can be based on practical assignments / projects	Points considered
Data visualization can be integrated into IoT-based projects, providing additional benefits to the students	Points considered


Mr. G. Rajesh Britto - Industry Expert

Suggestions given	Action Taken
He insisted on including data visualization-related courses in the curriculum, with a particular emphasis on the use of tools like Power BI, Tableau, etc	Points considered

Mr. S. Karthick, HCL- Alumni

Suggestions given	Action Taken
He emphasized the inclusion of the latest frameworks such as Angular JS and React JS in the UI/UX curriculum, highlighting the potential improvement in students' career prospects	Points considered
He also insisted that students undergo Udemy certifications, which can be considered for evaluation	Already in practice

The BOS Chairman concluded the meeting by assuring that all the points mentioned by the panel members would be considered while framing the new syllabus. Additionally, she requested suggestions to include placement-related activities such as aptitude training, soft skill training, and technical training as a one-credit course. The panel members unanimously agreed with this proposal.


University Nominee
Dr. C. Senthil Kumar
ASP

Thiagarajar College of Engineering
Madurai


Subject Expert 1
Dr. N. Karthan
Principal


Oxford Engineering College
Bangalore



Subject Expert 2
Dr. T. Senthil Kumar
ASP


Amrita school of Engineering
Coimbatore


Industry Expert
Mr. G. Rajesh Britto
IT Tools Leader
Garrett - Advancing Motion
Madurai


Mr. S. Karthick
HCL Technologies
Madurai


Chairman / Board of Studies
Dr. R. Kavitha
Professor & Head / IT
VCET, Madurai


Head Academics
Dr. A. Shunmugalatha,
Professor / EEE
VCET, Madurai


Principal
Dr. P. Aih
VCET, Madurai