



GOVERNMENT COLLEGE OF ENGINEERING, BARGUR – 635 104.
(AUTONOMOUS)

Krishnagiri – 635 104, TamilNadu

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.)

Office/Fax: 04343-292513

OFFICE OF THE CONTROLLER OF EXAMINATIONS

IX - Academic Council Meeting

Date : 28.11.2025

Time : 11:00 a.m.

Venue: Smart Classroom, Department of Mechanical Engineering, GCE
Bargur.

AGENDA:

- ❖ Approval of Regulation 2025, the Curriculum for R2025, and the Syllabi (Semesters I & II) for UG/PG Degree Programmes.
- ❖ Any other matter with the permission of the chair.

Minutes of the Ninth Academic Council Meeting (28.11.2025)

The Ninth Academic Council Meeting was conducted on 28.11.2025 at 11 a.m. in Smart Classroom, Department of Mechanical Engineering, GCE Bargur and Online Mode using Google Meet

(<https://gceb.webex.com/gceb/j.php?MTID=m5ed68407cea8377492f65792bdcc6465>)

The following members were present for the above meeting.

Sl.No.	Name and Designation	Role
1.	Dr.V.Thirunavukkarasu, Professor, Electronics and Communication Engineering.	Principal & Chairman
2.	Dr.P.Thirumal, Professor, Mechanical Engineering.	Controller of Examinations
3.	Dr.K.Rathnakannan, Professor, Electrical and Electronics Engineering, Anna University, Chennai.	Anna University Nominee
4.	Dr.T.Senthilkumar, Professor & Dean, University College of Engineering BIT Campus, Anna University, Tiruchirappalli.	Anna University Nominee
5.	Dr.S.C.Murugavel, Professor, Department of Applied Science PSG College of Technology, Coimbatore.	Anna University Nominee
6.	Dr.R.Senthil, Professor, Department of Energy Studies, SRM University, Chennai.	Subject Expert
7.	Dr.K.Govardhan, Associate Professor, Centre for Nanotechnology Research, VIT University, Vellore.	Subject Expert
8.	Thiru. S. Mohamed Aleem Sales Manager, Megmeet Electrical India Pvt Ltd	Industry Expert
9.	Dr.J.Nafeesa Begum, Professor, Computer Science and Engineering.	Member / HoD
10.	Dr.J.S.Christy Mano Raj Professor, Electrical and Electronics Engineering.	Member / HoD
11.	Dr.K.Kumar Associate Professor, Computer Science and Engineering (Cyber Security).	Member / HoD
12.	Dr. G.Saraswathy, Associate Professor, Science and Humanities,	Member / HoD
13.	Dr.K.Asokan, Associate Professor, Electrical and Electronics Engineering.	Senior Faculty
14.	Dr.E.Elango, Associate Professor, Mechanical Engineering.	Senior Faculty
15.	Dr.M.Kavitha, Associate Professor, Electronics and Communication Engineering.	Senior Faculty

16.	Dr.S.Selvi, Associate Professor, Computer Science and Engineering.	Senior Faculty
17.	Dr.C.M.T.Karthikeyan, Assistant Professor, Computer Science and Engineering.	DCOE
18.	Thiru.S.Sathishkumar, Assistant Professor, Mechanical Engineering.	ACOE
19.	Dr. R. Bakkiyaraj, Associate Professor, Department of Physics.	Invitee
20.	Dr.A.Jesu Steephany Samy, Assistant Professor, Department of English.	Invitee
21.	Prof.R.Subathra, Assistant Professor, Computer Science and Engineering.	Invitee
22.	Dr. J.Manimaran, Assistant Professor, Computer Science and Engineering.	Invitee
23.	Prof.Nargis, Assistant Professor, Electronics and Communication Engineering.	Invitee
24.	Dr.K.Ranjith Kumar, Professor, Electrical and Electronics Engineering.	Invitee
25.	Prof.S.Vadivel, Assistant Professor (Adhoc), Mathematics.	Invitee

The Principal & Chairman, Dr.V.Thirunavukkarasu, welcomed and felicitated University Nominee, Academic Experts, Industry Expert and other Members of the Ninth Academic Council meeting.

The Controller of Examinations, Dr.P.Thirumal, with the consent of Chairman conveyed the agenda and the proceeding of Ninth Academic Council Meeting started at 11.05 a.m.

Agenda – 9.1: Approval of Regulation 2025, the Curriculum for R2025, and the Syllabi (Semesters I & II) for UG/PG Degree Programmes.

9.1.1 Department: Electrical and Electronics Engineering (UG-FT/PT & PG-FT)

Dr.K.Mohan, Assistant Professor/ EEE presented the Curriculum and syllabi (1st & 2nd Sem) of Regulations 2025 for Electrical and Electronics Engineering, to the ACM members.

The ACM members have reviewed the R-2025 B.E. EEE Curriculum and suggested following points.

- ‘Electric Circuits and Devices Laboratory’ in second semester is renamed as ‘Electric Circuits Analysis Laboratory’.
- In third semester, ‘Electronic Circuits Laboratory’ is renamed as ‘Analog Electronics Laboratory’.
- In semester six, ‘Power Electronics and Power System Simulation Laboratory’ is renamed as ‘Power System Laboratory’.
- Committee recommended ‘IoT applications’ in Elective subjects.
- It is proposed to have one ‘Comprehensive Viva Voce’ in semester seven.
- ‘Project – I’ credit has been increased to four from three credits.

Dr.K.Ashokan, Associate Professor / EEE presented the Curriculum and syllabi (1st & 2nd Sem) of Regulations 2025 for M.E. - Power Electronics and Drives, to the ACM members.

The ACM members have reviewed the R-2025 M.E. - Power Electronics and Drives Curriculum and suggested following points

- 'Project phase 1' credit recommended as 6 instead of 9.

The ACM members have approved the Curriculum of B.E. EEE and M.E. PED under R-2025 with the above changes incorporated.

9.1.2 Department: Computer Science and Engineering

Dr. S. Selvi, Associate Professor/CSE presented the Curriculum and syllabi (1st & 2nd Sem) Regulations 2025 for Computer Science and Engineering, to the ACM members.

The ACM members have reviewed the R-2025 B.E. CSE Curriculum and suggested following points.

S. No.	General Points / Course Name	Suggestions	Action Taken
1.	Total Credit points - 176	To reduce credits to 170-171	The following 4 credit points courses such as Object Oriented Programming, Data Structures and its Applications, Design and Analysis of Algorithms, Computer Networks, Operating Systems, and Software Engineering get reduced to 3 credit points
2.	Inclusion of Electronics related courses	To include the following courses Analog and Digital Communication, GPU, and Embedded System & IoT	Communication Systems course has been included as Engineering Course in Fifth Semester, and High Performance Computing Architecture, Embedded System & IoT as Professional Electives in Emerging technologies Vertical
3.	Avoiding repetition of some Courses in Verticals	To replace Neural Networks and Deep Learning, Security and Privacy in cloud, Cryptocurrency and Blockchain Technologies	To replace Neural Networks and Deep Learning, Security and Privacy in cloud, Cryptocurrency and Blockchain Technologies by Edge Computing, Embedded System and IoT, Full Stack Development, High performance Computing Architecture respectively

- Semester one and semester two courses 'Programming in C' (25ZES105), 'Programming in C Laboratory' (25ZES107), 'Python Programming' (25ZES205), and 'Python Programming Laboratory' (25ZES209) to be offered for both the B.E. CSE & ECE students.

- The courses 'Problem Solving and Python Programming' (25MES105) (integrated course) to be offered for the B.E - (Mechanical Engineering) in the semester one under R-2025.

The ACM members have reviewed the R-2025 M.E. CSE Curriculum and suggested following points.

- It is to ensure that all the Professional Electives along with Laboratory courses to be restructured as Integrated course.

The ACM members have approved the Curriculum of B.E. CSE and M.E. CSE under R-2025 with the above changes incorporated.

9.1.3 Department: Computer Science and Engineering (Cyber Security)

Dr. K. Kumar, Associate Professor/CSE presented the Curriculum and syllabi (1st & 2nd Sem) Regulations 2025 for Computer Science and Engineering (Cyber Security) to the ACM members.

The ACM members have reviewed the R-2025 B.E. CSE (Cyber Security) Curriculum and suggested following points.

- Total number of credits for Computer Science and Engineering (Cyber Security) as per R-2025 is 171.5.
- In Third semester 'Cyber Security essential' Course name was changed to 'Foundations of Cyber Security'.
- As per the curriculum of second semester have only 20.5 credits and third semester having credits of 25.5. So, the course in Third semester 'Foundations of Cyber Security' course moves to Second Semester.
- In first semester, the title 'Chemistry Principles in Digital Forensics' was renamed as 'Chemistry'.
- In Fifth semester, the course 'Cryptography and Network Security' and the course in sixth semester 'Network security and Penetration Testing' are relevant. So, the course name 'Cryptography and Network Security' in the fifth semester is to be renamed and the title is 'Cryptography'.
- Committee recommended to introduce 'Open-Source Systems and Security' as an Professional Elective. 'Open-Source Systems and Security' will be introduced in Vertical.

The ACM members have approved the Curriculum of B.E. CSE (Cyber Security) under R-2025 with the above changes incorporated.

9.1.4 Department: Electronics and Communication Engineering

Dr.M.Kavitha, Associate Professor/ECE presented the Curriculum and syllabi (1st & 2nd Sem) of Regulations 2025 for Electronics and Communication Engineering to the ACM members.

The ACM members have reviewed the R-2025 B.E. ECE Curriculum and suggested following points.

- 'Nano Electronics' course was suggested to include in the Vertical-I (Semiconductor Chip Design and Testing)



- 'AI & EV' (integrated) course is moved to semester five and 'Control Systems' is moved to semester four.

The ACM members have approved the Curriculum of B.E. ECE under R-2025 with the above changes incorporated.

9.1.5 Department: Mechanical Engineering

Thiru.S.Sathishkumar, Assistant Professor/Mech presented the Curriculum and syllabi (1st & 2nd Sem) of Regulations 2025 for Mechanical Engineering to the ACM members.

The ACM members have reviewed the R-2025 B.E. Mechanical Engineering Curriculum and suggested following points.

- Total number of credits for Mechanical Engineering as per R-2025 is 167.
- As per the recommendations of committee 'Environmental Science and Sustainability' course is moved to semester four from semester three.
- 'Numerical Simulations' course is moved to semester five from semester four.
- Tutorial hour is added for 'Design of Machine Elements' course and the course credit is increased to four from three credits.
- 'Mechatronics and IoT' course is moved to semester six from semester five.
- 'Industrial Economics' course is moved to semester five from semester six.

The ACM members have approved the Curriculum of B.E. Mechanical Engineering under R-2025 with the above changes incorporated.

The detailed curriculum and syllabi is attached in Annexure – I.

Resolved and approved by the academic council members.

Agenda – 9.2: Any other matter

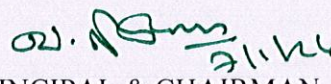
9.2.1 Passing Requirements for Theory cum Lab (Integrated) Courses

It was resolved that, for all integrated course papers a student shall secure a minimum 45% of marks in the end semester examination and also obtain a minimum 50% marks in total combining both Continuous assessments and End semester examination.

Department HoDs are instructed to revise the curriculum as per the minutes and submit it to the Principal and Chairman on or before 14.01.2026. Also, instructed to submit the syllabi with revised Course Outcomes (COs) for Semester I and Semester II, in accordance with the OBE workshop conducted by TANSCH, Chennai.

The Controller of Examinations Dr.P.Thirumal, thanked all the academic council members for their active participation and valuable suggestions in enhancing the curriculum and syllabi.

The meeting was formally concluded at 1.30 p.m.


PRINCIPAL & CHAIRMAN
PRINCIPAL
Government College of Engg.,
BARGUR-635 104





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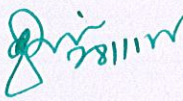
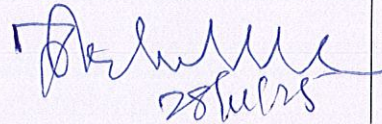
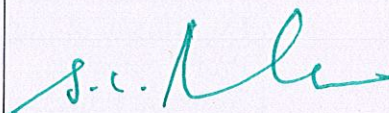
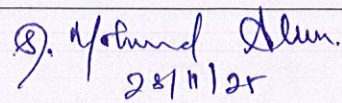
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9th ACADEMIC COUNCIL MEETING AY/2025-26

(28.11.2025)

ATTENDANCE SHEET

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2.	Dr.P.Thirumal, Professor, Mechanical Engineering.	Controller of Examinations	
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5.	Dr.S.C.Murugavel, Professor, Department of Applied Science PSG College of Technology, Coimbatore.	Anna University Nominee	
6.	Dr.R.Senthil, Professor, Department of Energy Studies, SRM University, Chennai.	Subject Expert	online
7.	Dr.K.Govardhan, Associate Professor, Centre for Nanotechnology Research, VIT University, Vellore.	Subject Expert	online
8.	Thiru. S. Mohamed Aleem Sales Manager Megmeet Electrical India Pvt Ltd	Industry Expert	
9.	Dr.J.Nafeesa Begum, Professor, Computer Science and Engineering.	Member / HoD	online
10.	Dr.J.S.Christy Mano Raj Professor, Electrical and Electronics Engineering.	Member / HoD	online

11.	Dr.K.Kumar Associate Professor, Computer Science and Engineering (Cyber Security).	Member / HoD	<i>Dr. K. Kumar</i> 28/11/25
12.	Dr. G.Saraswathy, Associate Professor, Science and Humanities,	Member / HoD	<i>G. Saraswathy</i> 28/11/25
13.	Dr.K.Asokan, Associate Professor, Electrical and Electronics Engineering.	Senior Faculty	<i>K. Asokan</i> 28/11/25
14.	Dr.E.Elango, Associate Professor, Mechanical Engineering.	Senior Faculty	<i>E. Elango</i> 28/11/25
15.	Dr.M.Kavitha, Associate Professor, Electronics and Communication Engineering.	Senior Faculty	<i>M. Kavitha</i> 28/11/25
16.	Dr.S.Selvi, Associate Professor, Computer Science and Engineering.	Senior Faculty	<i>S. Selvi</i> 28/11/25
17.	Dr.C.M.T.Karthikeyan, Assistant Professor, Computer Science and Engineering.	DCOE	<i>C.M.T. Karthikeyan</i> 28/11/25
18.	Thiru.S.Sathishkumar, Assistant Professor, Mechanical Engineering.	ACOE	<i>S. Sathishkumar</i> 28/11/25
19.	Dr. R. Bakkiyaraj, Associate Professor, Department of Physics.	Invitee	<i>R. Bakkiyaraj</i> 28/11/25
20.	Dr.A.Jesu Steephan Samy, Assistant Professor Department of English.	Invitee	<i>A. Jesu Steephan Samy</i> 28/11/25
21.	Prof.R.Subathra, Assistant Professor, Computer Science and Engineering.	Invitee	<i>R. Subathra</i> 28/11/25
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24.	Dr.K.Ranjith Kumar, Professor, Electrical and Electronics Engineering.	Invitee	<i>K. Ranjith Kumar</i> 28/11/25
25.	Prof.S.Vadivel, Assistant Professor (Adhoc), Mathematics.	Invitee	<i>S. Vadivel</i> 28/11/25


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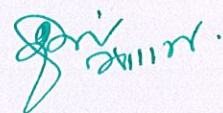
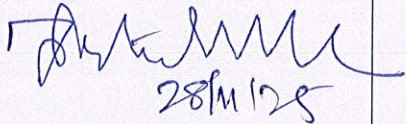
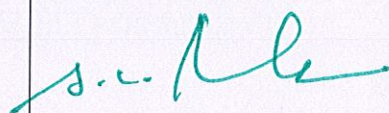
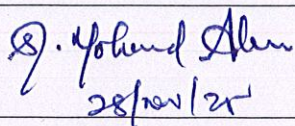
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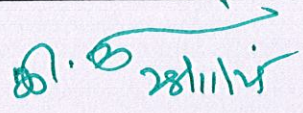
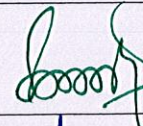
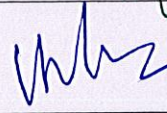
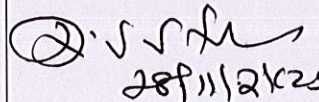
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