

**GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**(UGC AUTONOMOUS)**

**Department of Electronics and Communication Engineering.**


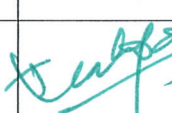
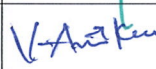

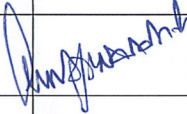


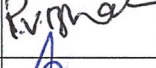
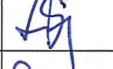
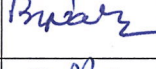
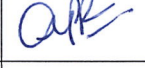


**Minutes of the Board of Studies (BoS) Meeting**

**Virtual Meeting: <https://meet.google.com/dwi-vsto-tpt>**

**Time: 11:00 AM**

**Date: December 19, 2025**

The following members have attended the Board of Studies Meeting to discuss on the enclosed agenda.

Sl.No.	Name of the Member	Designation	Status	Signature
1	Dr. G. Sreelakshmi	Associate Professor and Head, Department of ECE, GCET	Chairperson	
2	Dr. T. Madhavi Kumari	Associate Professor, Dept. of ECE, JNTUHCE, Hyderabad	JNTUH Nominee	
3	Dr. Anil Kumar Vuppala	Associate Professor, IIIT, Hyderabad	Subject Expert1	
4	Dr. BVVSN Prabhakar Rao	Professor, Dept. of EEE, BITS Pilani, Hyderabad.	Subject Expert2	
5	Dr. K.V.N.S.V.P.L .Narasimham	Scientific Officer (G), NCCCM/BARC	Subject Expert3	
6	Ms S Sowmya	Design Engineer-II, ACL Digital, Alten group, Bangalore	GCET Alumni Representative	
7	Prof. B. Hari Kumar	Professor, ECE, Dean-SE&CE	Internal Member	
8	Dr. P. Vijai Bhaskar	Professor, Dept. of ECE, GCET	Internal Member	
9	Dr. P. Srihari	Professor, Dept. of ECE, GCET	Internal Member	
10	Dr. B. Leelaram Prakash	Professor, Dept. of ECE, GCET	Internal Member	
11	Prof. OVPR Siva Kumar	Professor, Dept. of ECE, GCET	Internal Member	
12	Mr. D.V. Rami Reddy	Associate Professor, Dept. of ECE, GCET	Internal Member – Special Invitee	
13	Ms. J. Mrudula	Associate Professor, Dept. of ECE, GCET	Internal Member – Special Invitee	

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**Agenda:**

1. Finalization of II year ECE Syllabus as per AR25 Regulations
2. Introducing QNX Everywhere Industry skill development program for III B.Tech II Semester students of ECE as Professional Elective II course-Real Time Operating Systems using QNX, under AR22 curriculum.
3. Introducing KAVACH Industry Skill development program with courses namely, Signal Engineering in III B.Tech I semester and Automatic Train Protection System (KAVACH) in IV B.Tech I semester as Professional Electives I and III respectively, under AR22 curriculum.
4. Any other item with the permission of the Chair



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**Minutes:**

**Welcoming Members by Chairperson, BoS, Dr. G. Sreelakshmi**

Dr. G. Sreelakshmi welcomed all BoS members to the Meeting and introduced the new members.

**Item 1 of agenda: Finalization of II year ECE Syllabus as per AR25 Regulations**

After the brief review of agenda points, Chairperson, BoS presented the syllabus of each course of II B.Tech ECE under AR25 regulations.

Dr. T. Madhavi Kumari, Dr. Anil Kumar Vuppala, Dr. K. Narasimham, Dr. B. VVSN Prabhakar and other members in principle approved the syllabus of II B.Tech ECE under AR25 regulations with the following suggestions.

1. The members suggested including "Principles of Signal Processing and Linear Systems, by B.P. Lathi, Oxford University Press, 2009" as reference book for Signals and Systems course.
2. Dr.T.Madhavi Kumari suggested including the statement "**not limited to the above experiments, the students can perform any extra experiments of the course as per their interest**" for every laboratory course.
3. Ms.S.Sowmya highlighted the importance of FIFO and LIFO in VLSI architecture and suggested including in future courses, as it is deleted in **Linear and Digital IC Applications**.
4. The members also suggested including "**Expt No. 13: Design Parallel comparator type/counter type / successive approximation ADC and find its efficiency**" in **Linear and Digital IC Applications Lab**, because of its importance in industry applications.

*Handwritten signatures and initials:*  
G. Sreelakshmi (Chairperson), Dr. T. Madhavi Kumari, Dr. Anil Kumar Vuppala, Dr. K. Narasimham, Dr. B. VVSN Prabhakar, and other members.

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**Item 2 of agenda:**

Chairperson, BoS informed the members about the introduction of QNX program into AR22 curriculum in III B.Tech II Semester as an additional fifth Professional Elective course under Professional Elective-II. She informed the members that, the Department of ECE had a MoU and four faculty of the Department are undergoing training in this program. She requested for an approval of the same and all the members agreed for that by appreciating the Department upon introducing the course, which is very useful to students for better career. Dr. G. Sreelakshmi presented the detailed syllabus of “**Real-Time Operating System using QNX**” to members.

**Item 3 of agenda:**

Chairperson, BoS informed the members about the introduction of KAVACH program into AR22 curriculum in III B.Tech I Sem and IV B.Tech I Semester as additional fifth elective courses under Professional Elective-I and Professional Elective-III.

Prof.OVPR Siva Kumar informed the details of MoU with IRISSET and highlighted the importance of the courses to other members.

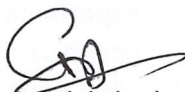
Chairperson, BoS presented the detailed syllabus of the following courses to the members.

1. Signal Engineering (Professional Elective-I)
2. Automatic Train Protection System – Kavach (Professional Elective-III)

On the request of Chairperson of BoS, the members gave approval for introducing the courses related to KAVACH as part of Professional Elective-I and Professional Elective-III.

**Item 4 of agenda:** Under any other item with the permission of the Chair, list of panel for paper setting and Evaluation for ECE Courses is presented to all the members for approval. The members approved the same.

Chairperson of BoS thanked all the members and the meeting concluded at 12:15 PM.

  
Dr. G. Sreelakshmi

Chairperson, BoS and Head, Department of ECE

**HEAD**  
Dept. of Electronics & Communication Engg.  
Geethanjali College of Engineering & Technology  
(Autonomous) Cheeryal (V), Keesara (M)  
Medchal (Dist.), T.S. - 501 301.











