

**Prasad V Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada-7**  
**(Autonomous)**

**Department of Electronics and Communication Engineering**

**Board of Studies Meeting**

**Agenda**

**21-06-2025**

The agenda of Board of Studies (BoS) Meeting of ECE department conducted on **21<sup>st</sup> June 2025** (Saturday) at 3.00 PM is as follows.

1. Opening remarks of the chairman
2. Approval of previous meet minutes
3. PVP23 III B.Tech I& II Sem Course Structure
4. PVP23 III B.Tech I& II Sem Courses Syllabus
5. Honors& Minor Courses in UG Program
6. Any other item with the permission of the Chair

**Members Present**

S.No.	Name of the Member	Designation
1	Dr. C. Subba Rao	Prof. & HoD, Chairman of BOS
2	Dr. N V S N Sarma	Director, IIIT Trichy, Academic Council Nominee
3	Dr. B.T. Krishna	Prof., Dept of ECE, JNTUK, Kakinada, University Nominee
4	Dr. Ramesh Vaddi	Assoc. Prof., & Head, Dept. of ECE., Academic Council Nominee
5	Sri Bhavani Shankar Surabhi	Executive Manager, Efftronics Systems Pvt., Ltd., Industry Representative
6	Dr. A. Geetha Devi	Assoc. Prof.; Member of BOS
7	Dr.J. Ravindra Babu	Assoc. Prof.; Member of BOS
8	Dr. Ch. Gangadhar	Assoc. Prof.; Member of BOS
9	Dr. T. Haritha	Assoc. Prof.; Member of BOS
10	Mr. M. Srinivasa Rao	Assoc. Prof.; Member of BOS
11	Mrs. K. Anitha	Assoc. Prof.; Member of BOS
12	Dr.B. Surya Prasada Rao	Assoc. Prof.; Member of BOS
13	Dr. Md. Habibulla	Assoc. Prof.; Member of BOS
14	Dr.B. Samuyelu,	Sr. Asst. Prof.; Member of BOS
15	Dr. V.Ratna Kumari,	Asst. Prof.; Member of BOS
16	Prathipati Naveen	Digital Design Engineer, Texas Instruments, Bangalore, Alumni Representative
17	G. Srujana,	Student Representative, III B.Tech.(S1)
18	Name : Ms. N.Sneha Sree	Student Representative, III B.Tech.(S2)
19	Mr.G. Rambabu	Parent Representative, C

**The BoS Meeting Minutes are as follows**

**The following agenda points are discussed and accepted by the BoS members**

1. Opening remarks of the chairman  
The chairman welcomed all the members and highlighted the importance of the meeting in shaping the curriculum and syllabus for the ECE department.
2. Course Structure of PVP 23 III B.Tech., I & II Semester has been discussed and approved
3. The Course in PE-I ( Optical Communications) is recommended to exchange with the course Satellite communications in PE-II
4. Syllabus of PVP 23 III B.Tech., I & II Semester Courses has been discussed and approved
5. Course titles & syllabus for honors and minors offered by the department have been discussed and approved
6. Course titles and Syllabus of Open electives offered by the department have been discussed and approved
7. The following courses are selected and approved for MOOCS/ NPTEL courses for B.Tech ECE/ Honors/ Minor Students

**List of Swayam/NPTEL Courses**

**Dt. 21-06-2025**

1. 5G Wireless Standard Design
2. Analog VLSI Design
3. Applied Linear Algebra for Signal Processing
4. Biomedical Ultrasound: Fundamentals of Imaging and Therapy
5. Cryogenic Electronics for Quantum Systems
6. Distributed Optimization and Machine Learning
7. Electronic Systems for Cancer Diagnosis
8. Basics of Software Defined Radios and Practical Applications
9. Digital Speech Processing
10. Introduction to Internet of Things
11. Data Base Management System
12. Ethical Hacking
13. Fabrication Techniques for MEMs-based Sensors
14. Foundations of Virtual Reality
15. Fundamentals of Micro and Nano Devices
16. Fundamentals of Nano and Quantum Materials
17. Introduction to Photonics



18. Introduction to Wireless and Cellular Communications
19. Renewable Energy Technology and Their Uses
20. Low Voltage CMOS Circuit Operation
21. Machine Learning and Deep Learning
22. Mathematical Aspects of Biomedical Engineering
23. Mathematical Methods and Techniques in Signal Processing
24. Microelectronics: Devices to Circuits
25. Micro sensors and Nano sensors
26. Microwave Engineering
27. Physics of Renewable energy Systems
28. Nanophotonics, Plasmonics, and Metamaterials
29. Neural Networks for Signal Processing
30. Optimization Theory and Algorithms
31. Pattern Recognition and Application
32. Phase-Locked Loops
33. Principles and Techniques of Modern Radar Systems
34. RFIC Design
35. Real-Time Digital Signal Processing
36. Signal Processing Algorithms and Architectures
37. Signal Processing for mm Wave Systems
38. Simulation of Communication Systems

The meeting concluded with a vote of thanks to the chair and all the members.



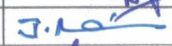








  
(Dr.C.Subba Rao)


Chairman BoS

Prof. & HoD

**HEAD**  
Electronics & Communication Engg. Dept.  
PRASAD V. POTLURI  
SIDDHARTHA INSTITUTE OF TECHNOLOGY  
KANAKURU, KARNATAKA

**Prasad V Potluri Siddhartha Institute of Technology, Vijayawada-7**  
**Dept. of Electronics and communication Engineering**  
**Board of Studies Members Dt.: 21-06-2025**

Sl. No.	Name of the Member	Signature
1	<b>Dr. C. Subba Rao</b> , Prof. & HoD, Chairman of BOS	
2.	<b>Dr. B.T. Krishna</b> - University Nominee Prof., Dept of ECE, JNTUK, Kakinada; Ph: 9502770755 <a href="mailto:tkbattula@jntucek.ac.in">tkbattula@jntucek.ac.in</a>	Attended online
3	<b>Dr. N V S N Sarma</b> Director, IIIT Trichy, Academic Council Nominee; Ph: 9849639262; <a href="mailto:director@iiitt.ac.in">director@iiitt.ac.in</a>	Attended online
4	<b>Dr. Ramesh Vaddi</b> - Academic Council Nominee Assoc. Prof., & Head, Dept. of ECE., Neerukonda, Mangalagiri; Ph: 9573091962 <a href="mailto:ramehs.v@srmmap.edu.in">ramehs.v@srmmap.edu.in</a>	Attended online
5	<b>Sri Bhavani Shankar Surabhi</b> - Industry Representative Executive Manager, Efftronics Systems Pvt., Ltd., Mangalagiri Ph: 9395155608; <a href="mailto:sbshankar@efftronics.com">sbshankar@efftronics.com</a>	Attended online
6	<b>Dr. A. Geetha Devi</b> , Assoc. Prof.; Member of BOS	
7	<b>Dr.J. Ravindra Babu</b> , Assoc. Prof.; Member of BOS	
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15	<b>Dr. V.Ratna Kumari</b> , Asst. Prof.; Member of BOS	
16	<b>Alumni Representative</b> Prathipati Naveen Digital Design Engineer, Texas Instruments, Bangalore Ph: 9553294949; <a href="mailto:naveen.prathipati9999@gmail.com">naveen.prathipati9999@gmail.com</a>	Attended online
17	<b>Student Representative</b> , Name :G. Srujana, III B.Tech.(S1) Regd. No: 22501A0441, Mobile : 8341517825 <a href="mailto:22501A0441@pvpsit.ac.in">22501A0441@pvpsit.ac.in</a>	G. Srujana
18	<b>Student Representative</b> , Name : Ms. N.Sneha Sree, III B.Tech.(S2) Regd. No:22501A0492, Mobile No: 9515058413; Mail id.: <a href="mailto:22501A0492@pvpsit.ac.in">22501A0492@pvpsit.ac.in</a>	N. sneha
19	<b>Parent Representative</b> , (Parent of G. Srujana, Reg. No:22501A0441 Name <b>Mr.G. Rambabu</b> , Mobile No: 9848398424 Mail id.: <a href="mailto:rameshkosuri23@gmail.com">rameshkosuri23@gmail.com</a>	G. Rambabu

  
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