

V.R.SIDDHARTHA ENGINEERING COLLEGE
Deemed to be University
Department of Electronics & Instrumentation Engineering

Date: 03-12-2024

To
The Registrar
Velagapudi Ramakrishna Siddhartha Engineering College,
Deemed to be University,
Vijayawada - 520 007

Minutes of BOS Meeting

Dr. G.N.Swamy, Professor and Head of EIE department, chaired the meeting and extended a warm welcome to the members present.

Venue: HOD chamber, EIE Department

Members present

1	Dr.G.N.Swamy Professor & Head of the Department	Chair person
2	Dr P.Srinivas Associate Professor	Member
3	Dr C.S.S.Anupama Associate Professor	Member
4	Sri. V.N. Prudhvi Raj Associate Professor	Member
5	Dr A.Suma Latha Assistant Professor	Member
6	Dr P. Durga Prasada Rao Assistant Professor	Member
7	Dr Venkata Lakshmi Narayana Komanapalli (External Expert -1 Co-opted for specialised knowledge) Professor, Department of Instrumentation School of Electrical Engineering, Vellore Institute of Technology (VIT), Vellore-632014	Member
8	Sri T. Kamal Kumar (External Expert -2 Co-opted for specialised knowledge) Deputy General Manager (DGM) Control & Instrumentation BHEL, Hyderabad	Member

Agenda:

1. To approve the courses for PhD program to be introduced in 2024-2025 academic year.

2. To approve the list of eligible supervisors for PhD supervision
3. Any other matter with the permission of the chair

The following recommendations are made

Agenda 1: To approve the courses for PhD program to be introduced in 2024-2025 academic year.

Resolution:

The Board of Studies approved the identified courses and their respective syllabi for the PhD program.

The expert members discussed and summarized the research applications of each course in detail, concluding that these courses would provide a strong foundation for research in Electronics and Instrumentation Engineering.

Pool 1 Course List

- 24EC710A: CMOS VLSI Design
- 24EC710B: Detection and Estimation Theory
- 24EC710C: Device Modeling
- 24EC710D: Digital System Design with PLDs
- 24EC710E: Electronic Materials
- 24EC710F: Fundamentals of Wavelets, Filter Banks, and Time Frequency Analysis
- 24EC710G: Image Processing and Computer Vision
- 24EC710H: Mathematics for Machine Learning
- 24EC710I: Microstrip Components and Antennas
- 24EC710J: RF and Microwave Circuit Design
- 24EC710K: Machine Learning

Pool 2 Course List

- 24EC720A: 5G Communications
- 24EC720B: Analog & Mixed Signal Design
- 24EC720C: Antennas for Wireless Communication
- 24EC720D: Deep Learning
- 24EC720E: Low Power VLSI Design
- 24EC720F: Materials Design for Electronic, Electromechanical and Optical Functions
- 24EC720G: Modern Wireless Communications
- 24EC720H: Optimization Theory and Algorithms
- 24EC720I: Radiating Millimetre Wave Circuits
- 24EC720J: VLSI Signal Processing

Agenda 2: To approve the list of eligible supervisors for PhD supervision

Resolution

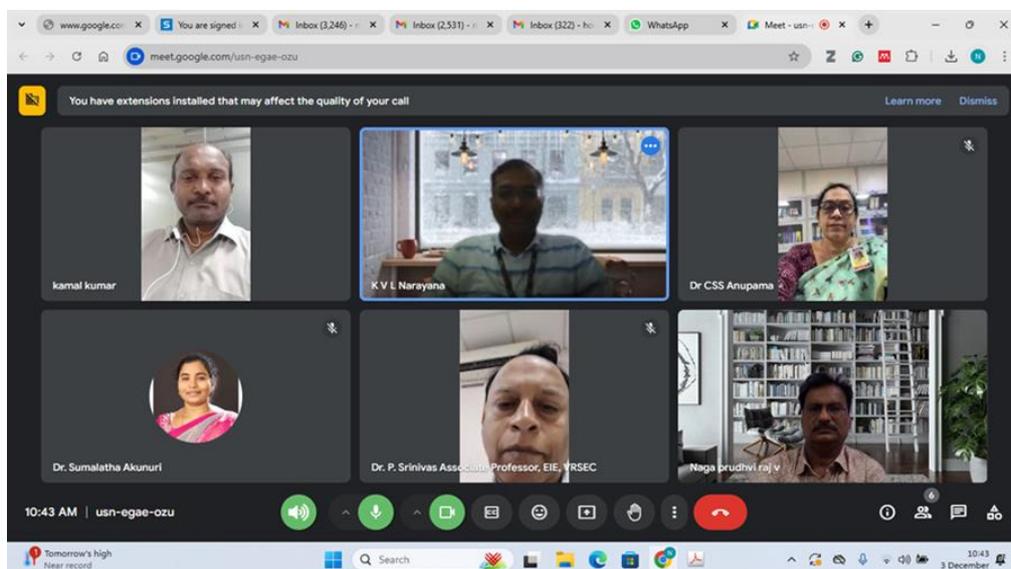
The Board of Studies ratified the appointment of research supervisors for the PhD program. The appointments were reviewed and approved based on academic qualifications and research expertise

Faculty ratified as a research supervisor in AY 2024-25

- Dr.G.N.Swamy Professor
- Dr C.S.S.Anupama Associate Professor
- Dr P.Srinivas Associate Professor
- Dr. Mahammad Firose Shaik Assistant Professor
- Dr. S. Srinivasulu Raju Assistant Professor

Agenda 3: Any other matter with the permission of the chair

The Chairperson informed the BOS members about the credit adjustments made to the courses "Electrical Network Analysis" (reduced to 2 credits), "Design Thinking" (reduced to 2 credits), and "AI Tools and Applications" (reduced to 2 credits) to accommodate the introduction of the course "Programming Using C" (2+2 credits) in the second semester of the first-year EIE VR24 undergraduate program.



(Dr.G.N.Swamy)
Professor & HOD,
Department of EIE