V.R.SIDDHARTHA ENGINEERING COLLEGE

Deemed to be University
Department of Electronics & Instrumentation Engineering

Date: 16-05-2025

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 HOD, EIE Department	Chairman
2	Dr. K. Padma Raju Professor, ECE Department, UCEK, JNTUK, Kakinada	University Nominee
3	Dr A. Bhujanga Rao Professor, Department of Instrument Technology Andhra University, Visakhapatnam	Subject expert
4	Dr. P.Sri Hari Rao Professor, Department of ECE, NITW, Warangal-4	Subject expert
5	Sri. K.Ratna Prasad Solution Architect, Micro Grid Technologies Pvt Ltd, Visakhapatnam	Representative from Industry
6	Sri. T. Kamal Kumar Deputy General Manager, BHEL, Hydrabad	Postgraduate Alumni
7	Dr M.Srinivas Assistant Head, Asst Prof of EIE	BOS Member
8	Sri. P. Srinivas Assoc Prof of EIE	BOS Member
9	Dr. C.S.S. Anupama Assoc Prof of EIE	BOS Member
10	Sri. V.N. Prudhvi Raj Assoc Prof of EIE	BOS Member
11	Dr A.Suma Latha Asst Prof of EIE	BOS Member
12	Smt, K.Vijaya Lakshmi Asst Prof of EIE	BOS Member
13	Sri. P. Durga Prasada Rao Asst Prof of EIE	BOS Member

Agenda:

1. To approve VR23 curriculum V semester syllabus to be introduced from 2025-2026 academic year.

2. To finalize self-learning courses- NPTEL / COURSERA or other MOOCS-to be offered in 2025-2026 academic year

3. Any other matter with the permission of the chair

The following recommendations are made

Agenda 1: To approve VR23 curriculum V semester syllabus to be introduced from 2025-2026 academic year

Resolution:

1. VR23 curriculum - V semester syllabus is approved

2. In the course "23EI5301 – Microcontroller", it was proposed to include ATMEL Microcontroller along with 8051 Microcontroller.

3. Suggested to rearrange the topics in the course "23EI5302 - Process Control", subject by referring to Process Control syllabus of NIT – Trichy.

4. In the course, "23EI5204 - PC Based Instrumentation", it is suggested to reduce the content in the IV unit.

5. It is suggested to change the tittle of the course "Transducers and Measurement Systems", to "Transducers and Signal Conditioning".

6. The course 'Advanced Digital System Design with FPGA' was approved and ratified as a Skill Enhancement course in the BOS meeting, following the recommendation of industry experts."
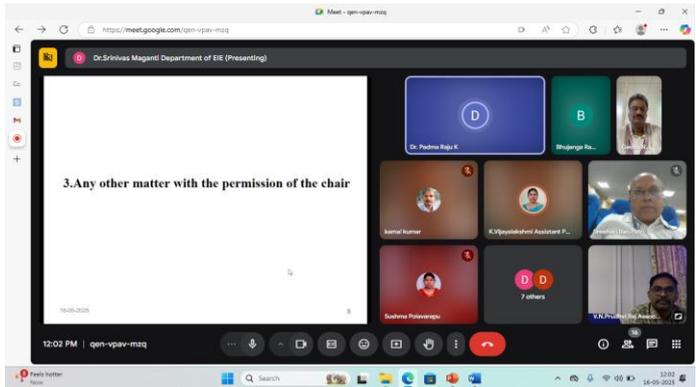
Agenda 2: To finalize self-learning courses- NPTEL / COURSERA or other MOOCS-to be offered in 2025-2026 academic year

Resolution:

The following list of NPTEL courses with 12 week duration is approved as Open Elective course for III/IV & IV/IV B.Tech, VR23 & VR20 regulation students, in 2025-2026 academic year.

- Fabrication Techniques for MEMS-Based Sensors: Clinical Perspective

- Hydrogen Energy: Production, Storage, Transportation and Safety

- Non-conventional Energy Resources

- Introductory Neuroscience & Neuro-Instrumentation

- An Introduction to Artificial Intelligence

- Foundations of Cyber Physical Systems

- Introduction to Internet of Things

- Introduction to Machine Learning

- Cloud Computing

(Dr.G.N.Swamy)

Professor & HOD,

Department of EIE