

V.R.SIDDHARTHA ENGINEERING COLLEGE, VIJAYAWADA

Department of Electronics & Instrumentation Engineering

Minutes of BOS Meeting

Venue: HOD chamber, EIE Department

Date: 23-01-2021

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

Members present

1	Dr.G.N.Swamy HOD, EIE Department	Chairman
2	Dr. A.Bhujanga Rao Prof of IT, Andhra University	Subject expert
3	Dr. P. Sri Hari Rao Prof of ECE, NITW	Subject expert
4	Dr. K. Padma Priya Prof of ECE, JNTUK	University Nominee
5	Sri. S. Ravi Kumar DGM, Hetero Drugs Ltd	Representative from Industry
6	Sri. T. Kamal Kumar Sr. Manager, BHEL	Postgraduate Alumni
7	Sri. P. Srinivas Assoc Prof of EIE	BOS Member
8	Dr. C.S.S. Anupama Assoc Prof of EIE	BOS Member
9	Sri. V.N. Prudhvi Raj Assoc Prof of EIE	BOS Member
10	Smt, A.Suma Latha Asst Prof of EIE	BOS Member
11	Smt, K.Vijaya Lakshmi Asst Prof of EIE	BOS Member
12	Sri. P. Durga Prasada Rao Asst Prof of EIE	BOS Member
13	Smt, K.Prasanthi Asst Prof of EIE	BOS Member

The following recommendations are made

1. Suggested to change the titles of the courses "20BS1101-Matrices and Differential Calculus" and "20BS2101-Laplace Transforms and Integral Calculus" to "Mathematics I" & "Mathematics II" respectively
2. Suggested to change the title of "20ES1154-Computing and Peripherals Laboratory" to "Computing Systems and Peripherals Interfacing"
3. Introduce the subjects "Integrated Circuits and Applications" in IV Semester and "Analytical Instrumentation" in V semester.

4. Introduce "Virtual Instrumentation Lab" in Semester V.
5. Rename the subject "20MC6108B- Innovation, IPR and Entrepreneurship" as "Innovation, Incubation & Startups".
6. Introduce the subjects "Artificial Intelligence", "Machine Learning", "Advanced Sensors" and "Biomedical Instrumentation" in program electives.
7. Introduce "Introduction to Research" as open elective course.
8. The proposed structure for VR20 curriculum is approved
9. Proposal for "Introduction of Honors and Minors Program" in VR20 Curriculum is approved
10. The following NPTEL and Coursera online courses with a duration of 8 weeks are approved as self learning courses for Open elective III and V

NPTEL Courses (8 weeks)

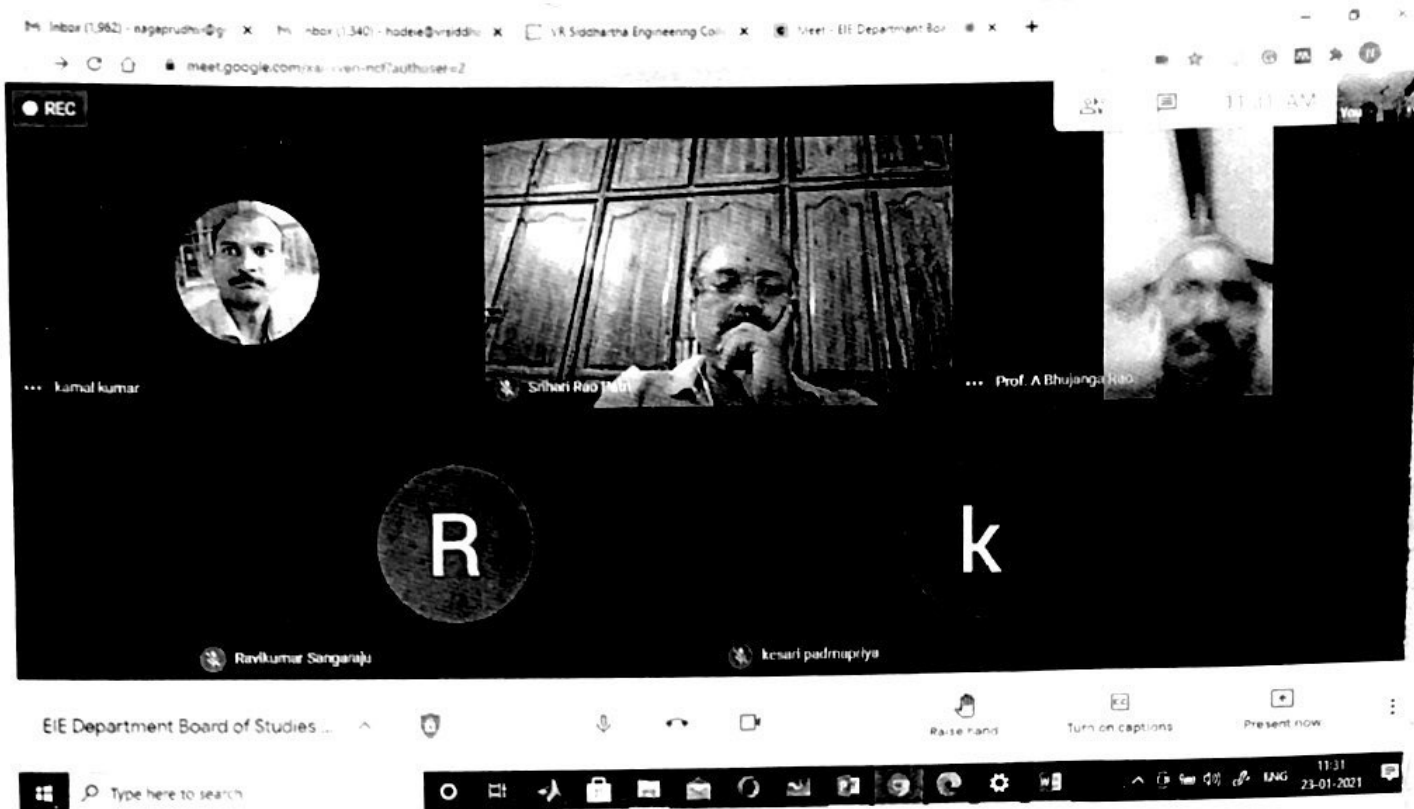
- Technologies for Clean and Renewable Energy Production
- Organic Farming for Sustainable Agricultural Production
- Industry 4.0: How to Revolutionize your Business (Edx)
- Problem Solving through Programming in C
- Waste to energy conversion
- Design, technology and innovation
- Chemical Process Instrumentation (12 weeks)
- The Joy of Computing using Python (12 weeks)

Coursera Courses (8 weeks)

- Artificial Intelligence and python programming
- Database management
- Project management and other tools for career development
- Basics of python programming

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

Dept of Electronics & Instrumentation Engg
V.R Siddhartha Engineering College
VIJAYAWADA-520 007



G. N. S.
HEAD
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Department of Electronics & Instrumentation Engineering

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Date: 29-05-2021

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

Members present

1	Dr.G.N.Swamy HOD, EIE Department	Chairman
2	Dr. A.Bhujanga Rao Prof of IT, Andhra University	Subject expert
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Agenda:

1. To discuss and finalize the proposed structure for VR20 curriculum
2. To finalize third and fourth semester syllabus of VR20 scheme
3. To finalize self learning courses NPTEL/COURSERA/UDEMY or other MOOCS
4. To approve online classes teaching learning process
5. To discuss subjects to be introduced for honors and minors program
6. To discuss courses to be taught by adjunct faculty
7. Any other matter with the permission of the chair

The following recommendations are made

1. The proposed structure for VR20 curriculum is approved.
2. Suggested to change the title of "20ES3151- Electronic Circuits Lab to Electronic Devices Lab"
3. Number of proposed experiments in each laboratory should be around 12-14.
4. Remove circuit related experiments in 20ES3151- Electronic Devices Lab"
5. Introduce VHDL or Verilog in "20EI3303 – Digital Circuits and Systems" subject
6. Introduce piezoelectric, photo electric and Hall effect transducers in "20EI3304 – Sensors and Transducers" subject
7. Introduce, A.K.Sawhney, "A Course in Electrical and Electronic Measurements & Instrumentation" as the main text book in the subject "20EI3304 – Sensors and Transducers"
8. Suggested to change the title of "20EI4302 - Integrated Circuits and Applications" to "Linear Integrated Circuits and Applications"
9. Discussed about, the subjects to be introduced in Honors and Minors program.
10. Introduce IOT related subjects in V or VI semesters of VR20 curriculum.
11. Rename the lab "20EI4353- Integrated Circuits Lab" as "Linear Integrated Circuits Lab".
12. Virtual Instrumentation subject is approved as Skill Oriented Course -I.
13. 17EI4702/B – Industrial Internet of Things course is approved to be taught by adjunct faculty.
14. Third and fourth semester syllabus of VR20 curriculum is approved
15. "17EI2802/C Automation in Manufacturing" is approved as self learning course under Open Elective-V category, for VIII semester students in 20-21 academic year.
16. The following NPTEL online courses with a duration of 8 and 12 weeks are approved as self learning courses for Open elective III and V

NPTEL Courses (8 weeks) – Open Elective III

- Technologies for Clean and Renewable Energy Production
- Design, technology and innovation

NPTEL Courses (12 weeks) – Open Elective V

- The Joy of Computing using Python
- Fabrication Techniques for MEMs-based sensors : clinical perspective

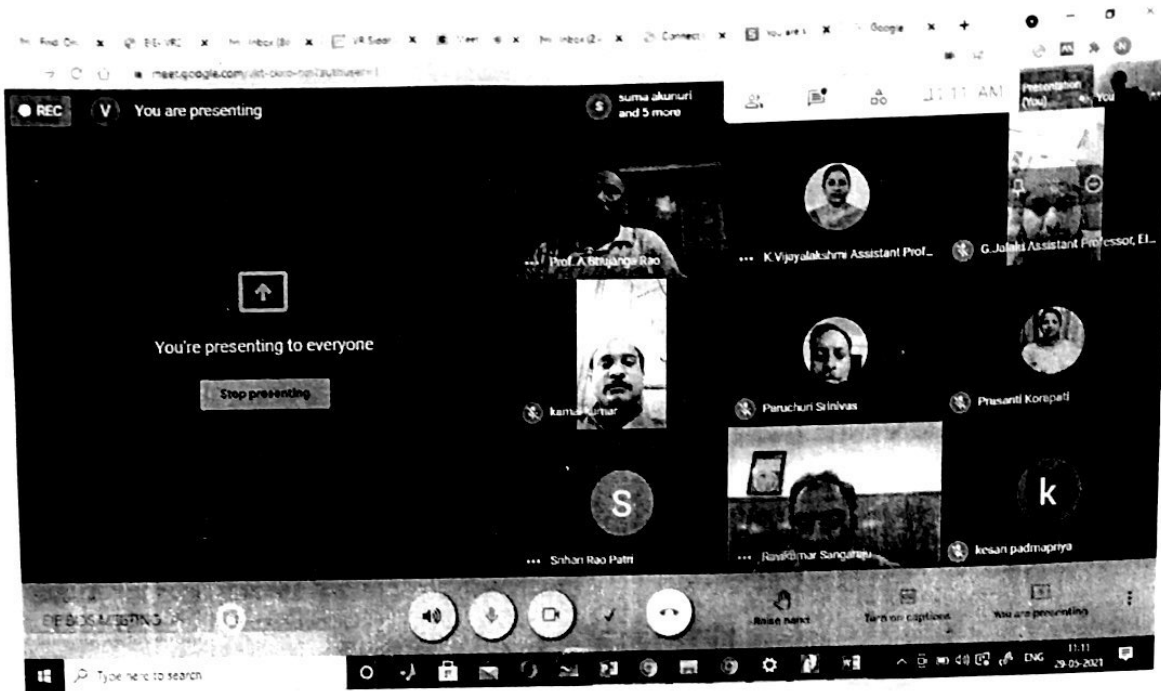
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