

**V.R.SIDDHARTHA ENGINEERING COLLEGE::VIJAYAWADA  
(AUTONOMOUS)  
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**UG BOS MEETING AGENDA**

**DATE & TIME: 17th July 2023 at 2.30 P.M  
(Google Meet)**

**Agenda**

1. Action taken report on BOS meeting held on 23-01-2023
2. To approve the list and duration of self learning courses for UG & PG
3. To approve the list of CBCS courses
4. Academic achievements of students during the A.Y: 2022-23
5. Faculty achievements during the A.Y:2022-2023
6. Discussion on proposed new curriculum
7. Any other matter with the permission of the chair

*Dr. A. Rama Devi*

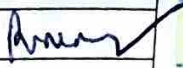
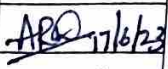
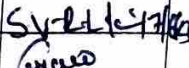
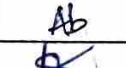
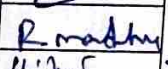
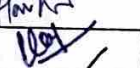
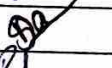
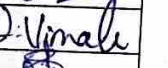
H.O.D/EEE

**Dr.P.V.R.L.NARASIMHAM**

Professor & Head

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

06  
Board of Studies Meeting held on 17-07-2023 at 2.30 P.M in EEE Department  
The Following Members are Present

| Sl.No | Members                      | Designation           | Signature                                                                             |
|-------|------------------------------|-----------------------|---------------------------------------------------------------------------------------|
| 1.    | Dr. P V R L NARASIMHAM       | Chairman              |    |
| 2.    | Dr. K.Srikumar               | Member ( JNTUK)       |                                                                                       |
| 3.    | Dr.K.Siva Kumar              | Member (IITH)         |                                                                                       |
| 4.    | Dr.D.Suryanarayana           | Member(IITB) (Alumni) |                                                                                       |
| 5.    | Er. K.Rajasekhar             | Member (Industry)     |                                                                                       |
| 6.    | H.V.S.S.Pavan Kumar          | Member(IITB) (Alumni) |                                                                                       |
| 7.    | Dr. A. RAMA DEVI             | Member                |    |
| 8.    | Smt S.V.R. LAKSHMI KUMARI    | Member                |    |
| 9.    | Dr. G. SRINIVASA RAO         | Member                |    |
| 10.   | Dr. B. VENKATESWARA RAO      | Member                |    |
| 11.   | Dr.J.RAMESH                  | Member                |   |
| 12.   | Dr.N. VAMSIKRISHNA           | Member                |  |
| 13.   | Sri P. VENKATESH             | Member                |  |
| 14.   | Sri S. N. V. S. K. CHAITANYA | Member                |  |
| 15.   | Sri T. SUNEEL                | Member                |  |
| 16.   | Sri M. L. N. VITAL           | Member                |  |
| 17.   | Sri R MADHU SUDHANA RAO      | Member                |  |
| 18.   | Sri V HARI VAMSI             | Member                |  |
| 19.   | Dr. A. VEERA REDDY           | Member                |  |
| 20.   | Dr.Subhojith Dawn            | Member                |  |
| 21.   | Sri V Ravindranadh Chowdary  | Member                |  |
| 22.   | Dr. K. Dhananjay Rao         | Member                |  |
| 23.   | Dr. J. Vimala Kumari         | Member                |  |
| 24.   | Ms.G.Mythily                 | Member                |  |
| 25.   | Ms.A. Sireesha               | Member                |  |
| 26.   | Ms.D.Vimala                  | Member                |  |
| 27.   | Smt. B.Swarupa Rani          | Member                |  |
| 28.   | Smt.K.Lalitha                | Member                |  |
| 29.   | Dr.D.Indira                  | Member                |  |
| 30.   | Smt.V.Bindu                  | Member                |  |
| 31.   | Dr.Rajesh Panda              | Member                |  |
| 32.   | Sri. T.Naveen                | Member                |  |

**Department of Electrical and Electronics Engineering**  
**V. R. Siddhartha Engineering College (Autonomous)**

**Minutes of the EEE-BOS meeting held on 17<sup>th</sup> June 2023 at 2.30P.M through Google Meet.**

**Dr. P.V.R.L.Narasimham**, HOD-EEE department and chairman of Board of studies committee chaired and extended a warm welcome to the BOS members.

**Dr. K.Siva Kumar**, Professor in Department of Electrical Engineering, IIT Hyderabad, and **Academician** attended as member of BOS committee

**Dr. D.Suryanarayana**, Professor in Department of Energy systems, IIT Bombay, **Academician** attended as member of BOS Committee.

**Dr. K.Srikumar**, Principal of JNTU Vijayanagaram, nominated by JNTUV has attended the BOS meeting as **University representative** member.

**Dr. H.V.S.S Pavan**, Assistant Professor, in Department of Energy systems, IIT Bombay, **Alumni** attended the meeting.

**Er. K. Rajasekhar**, Analog Design Engineer (ASC) Texas Instruments Pvt. Ltd, Bangalore, representative from **Industry** attended as member of BOS committee

The **faculty of EEE department**, members of BOS committee attended the meeting.

Dr.P.V.R.L.Narasimham presented the agenda of the meeting to the BOS members.

**Item No-1: Action taken for suggestions given by BOS Members in previous meeting of phase-I held on 23-01-2023.**

**Dr P.V.R.L.Narasimham** presented the suggestions given by BOS members in the previous meeting held on **23-01-2023** and action taken by the department after discussion with the faculty.

After considering the overall suggestions given by BOS members the following modifications have been implemented.

- ❖ **Suggestion:** To give more course options in open elective-3 & 4 for the course codes 20EE7205 & 20EE7206.
- ✓ **Action Taken:** Implemented the suggestion.
- ❖ **Suggestion:** To explore more self learning platforms as APSCHE, CISCO, MICROSOFT etc. for the courses opted under open elective 3 & 4.
- ✓ **Action Taken:** For the open elective-3 & 4 courses which are under approved MOOCS platforms are being offered. According to VR20 regulation norms the courses selected under MOOCs shall not form

part of the curriculum the evaluation of the course shall be from the same platform.

❖ **Suggestion:** To reshuffle the courses under program electives 3,4 & 5.

✓ **Action Taken:** Implemented the suggestion.

❖ **Suggestion:** To include course material by Dr. V. Ramnarayanan in the course titled "Advance Power Electronics" course code 20EE7402D as reference material.

✓ **Action Taken:** Implemented the suggestion.

❖ **Suggestion:** To revise the total course content of the course titled "VLSI Design" (20EE4703A).

✓ **Action Taken:** Intimated to the Department of ECE to revise the syllabus. Revised syllabus will be presented in next BOS meeting.

❖ **Suggestion:** To procure ESD mats and it should be tested for every six months.

✓ **Action Taken:** Implemented the suggestion.

#### **Item No-2: To Approve the List and Duration of Self Learning Courses for UG & PG programme.**

**Dr.P.V.R.L.Narasimham** presented the list of courses opted for Open Elective- 3 & 4 from the self-learning Platform NPTEL which are in-line with semester calendar with a duration of 12 weeks each.

#### **• Open Elective- 3 & 4: Self Learning Courses for UG Program in NPTEL for the A.Y:2023-24**

| S. No | Course Title                              | Duration | Exam Date  |
|-------|-------------------------------------------|----------|------------|
| 1     | Programming in modern C++                 | 12 Weeks | 29-10-2023 |
| 2     | Cloud Computing                           | 12 Weeks | 29-10-2023 |
| 3     | Data Structures and algorithms using Java | 12 Weeks | 29-10-2023 |
| 1     | Design of Photovoltaic systems            | 12 Weeks | 29-10-2023 |
| 2     | Design of Electric Motors                 | 12 Weeks | 29-10-2023 |
| 3     | Sustainable Power Generation Systems      | 12 Weeks | 29-10-2023 |

### **Self Learning Courses for PG Program in NPTEL for the A.Y:2023-24.**

| <b>S. No</b> | <b>Course Title</b>                          | <b>Duration</b> | <b>Exam Date</b> |
|--------------|----------------------------------------------|-----------------|------------------|
| 1            | Smart Grid: Basics To Advanced Technologies. | 12 Weeks        | 29-10-2023       |
| 2            | Design of Photovoltaic systems               | 12 Weeks        | 29-10-2023       |

- BOS members approved the list of courses opted under open elective-3 & 4 for UG programme under NPTEL platform and also Self learning courses for PG programme.

### **Item No-3: To Approve the List of CBCS Courses for UG programme**

**Dr.P.V.R.L.Narasimham** presented the list of courses offered under CBCS for second and third year students (3<sup>rd</sup> and 5<sup>th</sup> semester) for the A.Y:2023-24.

- 20EE6404A-Utilization of Electrical Energy
  - 20EE6404B-Programmable Logic Controllers
  - 20EE6404C- HVDC & FACTS
  - 20EE6404D-Digital Signal Processing
  - 20EE7453D- Digital Controllers Lab
  - 20EE7404D-PLC & SCADA Lab
- BOS members approved the list of courses offered under CBCS.

### **Item No-4: Academic Achievements of Students for the A.Y: 2021-22**

- The Chairman has presented all the odd and even semester results of the students for the A.Y: 2022-23.
- It was informed that 120 students got placements in various companies with highest salary package of 8 lakhs and minimum package of 1.44 lakhs for the A.Y 2022-23.

### **ItemNo-5: Faculty Achievements during the A.Y: 2022-2023.**

**Dr.P.V.R.L.Narasimham** presented that totally 44 papers have been published and presented by the faculty in various reputed journals, book chapters and conferences.

### **Item No-6: Discussion on Proposed New Curriculum**

**The chairman** presented the proposed modifications to be implemented in the curriculum and requested the honorable BOS

members to give their opinion to improve the curriculum as student friendly and also to increase the employment opportunities in the core domains.

- More Laboratory oriented courses are proposed
- Proposed to have two laboratory courses on controllers like microcontrollers, DSP controllers, FPGA controllers and PLC controllers.
- Proposed to bring conventional Electrical Machines of two papers into one paper.
- Proposed to introduce one new course on Special Electric Machines like SRM, PMSM, BLDC, Axial Machines and Low voltage machines.
- Proposed a course on FEM analysis of Electrical Machines as an Elective course
- Proposed to introduce VHDL lab, Digital System Design Laboratory and establishment of EV laboratory
- Proposed to have more number of Skill oriented courses

**Suggested** to retain one or two experiments which were implemented in conventional Electrical Machines lab for better understanding to students rather than changing all experiments to application of proposed controllers to Electrical machines.

**Dr. K.Siva Kumar** to give basic emphasis on core courses in a detailed manner.

**Dr. K.Siva Kumar & Dr. D.Suryanarayana**, suggested to add synchronous generator theory in the course curriculum of Electrical Machines and to be studied in earlier semesters before Power system courses.

**Dr. H.V.S.S Pavan** suggested to include one Elective course pertaining to digital domain only.

**Dr. K.Srikumar**, suggested that to get an hands on experience on advanced topics through conducting workshops/laboratory as a prerequisite.

**Er. K. Rajasekhar**, suggested to enhance the practical utility of the laboratory courses.

**Dr. H.V.S.S Pavan** suggested to empower the students to take FEM-maths course as a prerequisite for better understanding of FEM analysis of Electrical Machines.

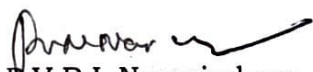
**Dr. K.Srikumar**, suggested to introduce an integrated course on Electric Vehicles for getting better response from student community.

**Item No-7: Any Other Matter with the Permission of Chair**

- **Dr.P.V.R.L.Narasimham** has shared the following information to the BOS members
  - The department proposed to start PG programme in Electrical Vehicles.
  - The National Board of Accreditation (NBA) accredited the Under Graduate Program **Electrical & Electronics Engineering** for **Three Years** (2022-2023 to 2024-2025). The Dept. secured 762 marks on a scale of 1000.

Finally, the chairman of Board of Studies (BOS) thanked all the members for their active participation in discussions and suggestions given in the meeting.

Date: 19-06-2023

  
Dr. P.V.R.L.Narasimham

Professor & Head-EEE  
**Dr.P.V.R.L.NARASIMHAM**  
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