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

UG BOS MEETING AGENDA

**DATE & TIME: 8th June 2024 at 10.30 A.M
(Google Meet)**

Agenda

- Action taken report on BOS meeting held on 17-06-2023
- Discussion on proposed syllabus of third and fourth semester of VR23 regulation
- To approve the list and duration of self learning courses for UG
- Academic achievements of students during the A.Y: 2023-24
- Faculty achievements during the A.Y: 2023-24
- Any other matter with the permission of the chair


H.O.D/EEE 6/6/2024
Dr.P.V.R.L.NARASIMHAM
Professor & Head
Dept. of Electrical & Electronics Engineering
V.R.Siddhartha Engineering College
VIJAYAWADA-520 007

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

Minutes of the EEE-BOS meeting held on 08th June 2024 at 10.30A.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, Professor & H.O.D in EEE department of JNTU Kakinada, nominated by JNTUK 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**.

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.

- **Dr. H.V.S.S Pavan** discussed about the textbook developed by professor Mahadevan IIM Bangalore for engineering colleges related to "Ancient Indian Science and Technology" and which will be useful in first year.
- **Dr.P.V.R.L.Narasimham** informed to BOS members that the college recognized as SAHE Deemed to be university in the month of March 2024.

Item No-1: Action taken report on BOS meeting held on 17-06-2023.

Action taken by the department for the suggestions given during phase-II BOS meeting held on 17/06/2023.

- Suggestion: In the process of implementing controllers for Electrical machine it is recommended to carry out few experiments directly on machines without using any digital controllers
- ✓ Action taken: List of experiments in Electrical Machines lab separated from controllers lab .
- Suggestion: To give more emphasis on core courses in depth.
- ✓ Action taken: Advised the faculty whoever taking core courses to implement the sugg
- ✓ Suggestion: To add synchronous generator theory in the course curriculum of Electrical Machines and to be studied before power system courses.
- Action taken: Implemented the suggestion by adding the content in unit-I of Electrical Machine-II (23EE4303)
- Suggestion: To include one Elective course pertaining to digital domain as a basket.
- ✓ Action taken: Suggestion will be taken care while framing Program Elective courses during V and VI semesters.
- Suggestion: To get hands on experience on advanced topics by conducting workshops/Laboratory.
- ✓ Action taken: suggestion is taken care by offering skill enhancement courses / conducting workshops.

Item No-2: Phase-I: Discussion on proposed syllabus of third semester of VR23 regulation

Dr. P.V.R.L.Narasimham presented the detailed syllabus of III semester of VR-23.

- Dr. K.Siva Kumar and Er. K. Rajasekhar suggested the faculty to handle the course "Transformation and numerical methods" (20BS3101) in the department.
- Dr. H.V.S.S Pavan suggested to reduce the DC Machines content and to incorporate special machines like SRM, BLDC.
- All BOS Members suggested to shift Unit-1 of the ECA-2 course as Unit-4.
- Dr. H.V.S.S Pavan suggested to emphasize more on of network synthesis of ECA-2 (23EE3304) course.
- Er. K Rajasekar and Dr. H.V.S.S Pavan suggested start analog circuits as UNIT-I and UNIT-II and then followed by digital circuits as UNIT-III and UNIT-IV in the Electronics Circuits course (23EE3305).
- Dr. H.V.S.S Pavan and Dr. K.Siva Kumar suggested predetermine the values in one of the experiment and apply in another experiment for verification of Electrical machines-1 Lab (23EE3351)
- Dr. H.V.S.S Pavan suggested to use the oscilloscope to measure the voltage and current values in the single phase open circuit experiment Electrical machines-1 Lab (23EE3351).
- Er. K Rajasekar was proposed to specify which type of filters are to be used for conducting experiments listed in 4 & 5 of the Electronic circuits Lab course(23EE3352).
- Dr. H.V.S.S Pavan suggested to teach python programming lab(23EE3307) in application point of view recommended a text book by Hans Petter Langtangen "A Primer on Scientific Programming with Python".

Item No-2: Phase-II: Discussion on proposed syllabus of fourth semester of VR23 regulation

- **Dr. P.V.R.L.Narasimham** presented the detailed syllabus of IV semester of VR-23.
- Dr. H.V.S.S Pavan suggested to include exercises to write the summary of a technical article or a story to enhance the student comprehensive skills in soft skill-2(23TP4106).
- Dr. K.Siva Kumar suggested reducing regulation methods and to introduce SRM in special machines (23EE4303).

- Dr. H.V.S.S Pavan suggested to design controllers based on the mathematical modelling between cause and effect in the linear control systems course(23EE4304).
- Er. K Rajasekar suggested in UNIT-4 of course titled Linear Integrated Circuits and Applications (23EE4305) change Variable voltage regulator as Programmable voltage regulator and advised to incorporate LT SPICE simulation-based exercises to complete the course in Linear Integrated Circuits Lab (23EE4352).
- Dr. H.V.S.S Pavan suggested to interchange the experiment 5 and 6 in the EM-II Lab(23EE4351).

Item No-3: To Approve the List and Duration of Self Learning Courses for UG

Dr.P.V.R.L.Narasimham presented the list of courses opted for the self-learning Platform NPTEL which are inline with semester calendar with a duration of 12 weeks each.

- BOS members approved the list of courses opted.

Item No-4a: Academic achievements of students during the A.Y: 2023-24

Dr.P.V.R.L.Narasimham Presented odd semester and Batch 2020-2024 results.

Item No-4b: Academic Achievements of Students during the A.Y: 2023-24

Dr.P.V.R.L.Narasimham Presented placement details with salary package.

Item No-4c: Academic Achievements of Students during the A.Y: 2023-24 (C. Co-curricular Activities)

Dr.P.V.R.L.Narasimham Presented Paid Internships offered through Companies in the Eighth Semester

Item No-5: Details of Academic Achievements for A.Y: 2023-24

Dr.P.V.R.L.Narasimham Presented Faculty publications and Faculty achievements for the Academic year 23-24. And also discussed about 2024 International Conference on Computational Intelligence for Green and Sustainable Technologies (ICCI GST-2024) technically supported by IEEE Hyderabad Section will be held in 18-19 July 2024.

Item No-6: Any other matter with the permission of Chair

Dr. H.V.S.S Pavan proposed the introduction of a Guidelines for IKS Courses in UG Programmes and provided the link

<https://onlinecourses.swayam2.ac.in/imb23 mg53/preview>

<https://link.springer.com/book/10.1007/978-3-662-49887-3>

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: 08-06-2024

I/c A.Rama Devi
Dr. P.V.R.L.Narasimham

Professor & Head-EEE

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