

GOVERNMENT COLLEGE OF ENGINEERING AMRAVATI

ELECTRICAL ENGINEERING DEPARTMENT

Date: 19/05/2021

Minutes of the 29th on line Meeting of Subject Board of Electrical Engineering(BoS)

A 29th on line Meeting of Subject board of Electrical Engineering was held on 18/05/2021 at 2.30 P.M. Dr G. A Dhomane Chairman & Head, Electrical Engineering department presided over the meeting. Following members were present for the meeting.

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| 1. Dr. G. A. Dhomane | Chairman |
| 2. Dr. H.M. Suryawanshi | Member |
| 3. Dr. B.N. Chaudhari | Member |
| 4. Dr. S.S.Wekhande | Member |
| 5. Dr. Mohammad Atique
Mohammad Junaid | Member |
| 6. Dr. P.P. Bedekar | Invited Member |
| 7. Prof. A. S. Sindekar | Member |
| 8. Dr. V. B. Virulkar | Member |
| 9. Prof.V.M.Jape | Member |
| 10. Dr.V.N.Ghate | Member |
| 11. Prof. M. V. Jape | Invited Member |
| 12. Dr. K. D. Thakur | Invited Member |
| 13. Prof. V. M. Harne | Invited Member |
| 14. Prof.R.M.Sahare | Invited Member |
| 15. Dr. R.B.Sharna | Member Secretary |

At the outset Prof. G. A. Dhomane, Chairman of BoS extended warm welcome to all the Hon. members of BoS. He brought to the notice of the board that Dr. Amod Umarikar , member of board communicated his inability to attend the meeting & requested for leave of absence. The board granted the leave of absence to him. He briefed the agenda of the meeting. Then he asked Dr. R. B. Sharma, a member secretary of BoS to carry out the further proceedings of the meeting. As the meeting was online the meeting was being recorded. Dr. R. B. Sharma readout the 5 point agenda which was circulated to all members in advance.

Following items on agenda were discussed & resolved as follows:

Item No. 1: To confirm the minutes of the 28th meeting held on 16/07/2020

The board confirmed the minutes of the 28th meeting of BoS held on 16/07/2020.

Item No. 2: To discuss and approve revised structure & curriculum for Third year B. Tech. (Electrical Engineering) courses.

1. Member secretary informed the board that in DFB it is decided to omit Module and No. of Hrs. allotted from the curriculum(Third year proposed and Second year approved curriculum). The Board unanimously approved the same.
2. Member Secretary presented the revised B. Tech third year curriculum structure before the house (The structure was approved in 28th meeting of BoS). The house recommended following modifications.

A) For Vth sem course EEU522 Power Systems – Apparatus and Modelling it is not possible to cover the contents in allotted hours due to large contents therefore 1 tutorial is added after removing it from the course EEP523, Control System. The modified teaching scheme now is as follows:

Category	Course Code	Name of the Course	Teaching Scheme				Credits
			Theory Hrs /week	Tutorial Hrs/week	Practical Hrs/week	Total	
PCC	EEU522	Power Systems – Apparatus and Modelling	3	1	---	4	4
PCC	EEU523	Control System	3	---	---	3	3

B) The board approved the revised list of Program electives as given below:

PE-I	PE-II	PE-III	PE-IV	PE-V	PE-VI
A) Electrical Machine Design	A) Power system protection	A) EHV AC Transmission	A) Power System Modelling	A) HVDC and FACTS	A) Power System Dynamics and Stability
B) Industrial Electrical Systems	B) Energy Conservation in Electrical Utilities	B) Energy Conservation in Thermal Utilities	B) Smart Grid	B) Power Quality Issues and Mitigation	B) Wind and Solar Systems
C) Digital Signal Processing	C) Any other course approved by BoS	C) AI and Machine Learning	C) Advanced Microprocessors	C) Digital Control System	C) Electrical and Hybrid Vehicles
D) Computer organisation	D) Object Oriented Programming	D) Data Structures	D) Algorithms	D) Computer Network	D) Cyber Security
E) Embedded Systems	E) Internet of Things	E) Energy Storage System	E) Power System Transients	E) Power System Design	E) Advanced Drives

3. The Member Secretary presented the revised curriculum for third year B.Tech. (Electrical Engg.). The syllabus was discussed at length. The members suggested few changes in the syllabus of the EEP521 Power Electronics. It is suggested to add modern power electronics devices and Power Electronics based application topics.
4. The Member Secretary placed the Program Specific Outcomes (PSOs), Program outcomes (POs) and subject wise course outcomes (COs) for B. Tech Third year (Electrical Engineering) and mapping of COs with POs & PSOs before the board. The board approved the same and also appreciated the efforts of the department in completing this exercise.
5. The Member Secretary placed the revised curriculum of the course EEU321 Transformers & DC Machines (The syllabus of the same was approved in 28th meeting). The board approved the revised curriculum of the course EEU321 Transformers & DC Machines, with following modifications:
 - A) The chapter Magnetic fields and magnetic circuits is to be removed from the course contents (As all the chapter contents already covered in the subject EEU423 Electromagnetic Fields)

Item No. 3: To finalize the equivalence scheme for the Vth & VIth Semester courses

The Member Secretary placed proposed equivalence scheme for the Vth & VIth Semester courses before the board. The house also finalized and approved the equivalence scheme for third year B. Tech (Electrical Engineering).

Item No. 4 : To discuss the NBA Committee Remarks

On line visit of NBA Committee was held on 20-21 March 2021. The remarks made by the experts in exit meeting held on 21/03/2021 were presented . The chairman, Dr. G. A. Dhokane informed the house that Electrical Engineering UG program got accreditation status from NBA for three years, till 30/06/2024. Hon. Members noted the same. The board congratulated and also appreciated the efforts of the department in completing this task.

Item No. 05 : Any other Point with the permission of chair

Dr. Mohd. Atique suggested to introduce B.Tech Honours, minor degree (in computer or management) or specialization courses on the basis of AICTE guidelines, if possible. Dr. B. N. Chaudhari suggested instead of B.Tech Honours to look for cross disciplines minor degree in computer or management. The chairman told that this comes under the purview of Dean

academics. Prof. P. P. Bedekar who is Dean academics told that this issue is not initiated yet and can be discussed at appropriate forum.

At the end, the chairman thanked all the members for their suggestion, advice and critical comments. He also thanked them for sparing their valuable time for the meeting. He also wished to meet face to face soon. Dr. R. B. Sharma, member secretary did the formal vote of thanks. With this the meeting was concluded.



[Dr. R. B. Sharma]
Member Secretary



[Dr. G. A. Dhomane]
Chairman

Copy to:

- 1] Principal, Govt. College of Engineering, Amravati for information
- 2] Dean Academic for information
- 3] R.S Mante, Member Secretary-APEC & Member Secretary-Academic Board
- 4] Hon Members of Subject Board of Electrical Engineering