



VAAGDEVI COLLEGE OF ENGINEERING

Autonomous

Bollikunta, Khila Warangal (Mandal), Warangal Urban-506 005 (T.S), www.vaagdevi.edu.in

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 12-02-2022.

BOARDS OF STUDIES MEETING

Minutes of the meeting of board of studies for Electrical and Electronics Engineering department held on 12-02-2022 at 03:00 P.M.

Ref: In-Continuation with Departmental BOS Meeting held on 28-11-2020.

Sl.No.	Name of the Address	Designation	Signature
1	Dr. M. Vishnu Prasad Assistant Professor, Department of EEE, VCE, Warangal.	Chairperson	M. Vishnu Prasad
2	Dr. Jaya Laxmi Professor & Head, EEE Department, JNTU, Hyderabad.	Member (University Nominee)	A. Jaya Laxmi 16/2/2022
3	Dr. M. Sailaja Kumari Professor & Head, EE Department, NIT, Warangal.	Member (Subject Expert)	S. Sailaja Kumari 16/2/2022
4	Dr. E. Vidya Sagar Professor, EE Department, Osmania University, Hyderabad.	Member (Subject Expert)	E. Vidya Sagar 16/2/2022
5	Sri T. V. S. Nagaraju Kumar Deputy Manager, BHEL R&D, Hyderabad.	Member (Representative from Industry)	T. V. S. Nagaraju Kumar 16/2/22
6	Dr. K. Prakash Professor, Department of EEE, VCE, Warangal.	Member (Faculty)	K. Prakash 12/2/22
7	Dr. P. Sadanandam Associate Professor, Department of EEE, VCE, Warangal.	Member (Faculty)	P. Sadanandam
8	Dr. Durga Hari Kiran B Assistant Professor, Department of EEE, VCE, Warangal.	Member (Faculty)	D. Hari Kiran B
9	Mr. N. Mahender A.E, TS NPDCL, Warangal.	Member (Representative from Alumni)	

The following decisions are taken:

1. Approved the course structure scheme of B.Tech. (R20-Regulations) for III and IV Years (I and II Semesters).
2. Approved the syllabi of B.Tech. (R20-Regulations) for III and IV Years (I and II Semesters).
3. A few changes were suggested in Electrical Distribution Systems, AI Techniques in Electrical Engineering and Soft Computing Techniques and accordingly modified.
4. Approved the syllabi for open elective courses offering to the other departments.
5. Department BOS meeting minutes are approved.

M. Vishnu Prasad
Dr. M. Vishnu Prasad
(BOS- Chairperson)

CHAIRMAN
Board of Studies, EEE Dept.,
VAAGDEVI COLLEGE OF ENGINEERING
Bollikunta, Warangal (T.S)-506 005

**VAAGDEVI COLLEGE OF ENGINEERING
(AUTONOMOUS)
ELECTRICAL AND ELECTRONICS ENGINEERING
COURSE STRUCTURE**

(Applicable for the batches admitted from A.Y. 2020-2021 onwards)

V-SEMESTER

S.No	Course Type	Title of the Course	L	T	P	Credits
1	PCC	Electrical Machines-III	3	0	0	3
2	PCC	Power Electronics	3	0	0	3
3	PCC	Control Systems	3	0	0	3
4	PCC	Power Systems-II	3	0	0	3
5	PEC	Professional Elective-I Renewable Energy Systems Industrial Instrumentation Computer Organization	3	0	0	3
6	LC	Electrical Machines Lab-II	0	0	2	1
7	LC	Electrical Measurements and Instrumentation Lab	0	0	2	1
8	LC	Electrical Simulation Lab	0	0	2	1
9	PCC	Project Based Learning-3	0	0	2	1
10	MC	Human Values and Professional Ethics	2	0	0	0
Total Credits			17	0	8	19

VI-SEMESTER

S.No	Course Code	Title of the Course	L	T	P	Credits
1	PCC	Computer Methods in Power Systems	3	0	0	3
2	PCC	Power Semiconductor Drives	3	0	0	3
3	HSMC	Managerial Economics and Financial Analysis	3	0	0	3
4	PEC	Professional Elective-II Electrical Distribution Systems Electrical Engineering Materials Digital Signal Processing	3	0	0	3
5	OEC	Open Elective-I	3	0	0	3
6	LC	Power Electronics Lab	0	0	2	1
7	LC	Control Systems Lab	0	0	2	1
8	LC	Electronics Design Lab	0	0	2	1
9	PCC	Project Based Learning-4	0	0	2	1
10	MC	Logical Reasoning and Quantitative Aptitude	2	0	0	0
Total Credits			17	0	8	19

2. A. Jaya Laxmi
16/2/2022

Perkash
(K. Prakash)

3. M. Sai Laxmi
(M. Sai Laxmi Kumari)
15 Anna Amritations
(Dr. Divya Hari Kiran)

(E. Vidya Sagar)
16/2/22

T. M. Vishnu Prasad

**VAAGDEVI COLLEGE OF ENGINEERING
(AUTONOMOUS)
ELECTRICAL AND ELECTRONICS ENGINEERING
COURSE STRUCTURE
(Applicable for the batches admitted from A.Y. 2020-2021 onwards)**

VII-SEMESTER

S.No	Course Code	Title of the Course	L	T	P	Credits
1	PCC	Power Systems Operation and Control	3	0	0	3
2	PCC	Power System Protection	3	0	0	3
3	PCC	Microprocessors and Microcontrollers	3	0	0	3
4	PEC	Professional Elective-III High Voltage Engineering Advanced Power Electronics Advanced Control Systems Electrical Machine Design	3	0	0	3
5	PEC	Professional Elective-IV Advanced Electrical Drives AI Techniques in Electrical Engineering Utilization of Electrical Energy High Voltage DC Transmission	3	0	0	3
6	OEC	Open Elective-II	3	0	0	3
7	LC	Microprocessors and Microcontrollers Lab	0	0	2	1
8	LC	Power Systems Lab	0	0	2	1
9	PROJ	Mini Project & Internship	0	0	0	2
10	PROJ	Major Project Phase-1	0	0	8	4
Total Credits			18	0	12	26

VIII-SEMESTER

S.No	Course Code	Title of the Course	L	T	P	Credits
1	PEC	Professional Elective-V Soft Computing Techniques Digital Control Systems Flexible AC Transmission Systems VLSI Design	3	0	0	3
2	PEC	Professional Elective-VI Power Quality Electric and Hybrid Vehicles Smart Electric Grids Embedded Systems	3	0	0	3
3	OEC	Open Elective-III	3	0	0	3
4	PROJ	Technical Seminar	0	0	2	1
5	PROJ	Major Project Phase-II	0	0	16	8
Total Credits			9	0	18	18

A. Jaya Jaxmi
16/2/22

K. Prakash

M. Sai Lakshmi
16/2/22
Pr. Durgahani (Pr. 15)

E. Vidya Sagar

M. Vishnu Prasad

Jusraj
16/2/22