



**PRAGATI ENGINEERING COLLEGE**  
(Autonomous)



**Department of Electrical and Electronics Engineering**

Minutes of meeting of the Board of studies in EEE department held on 31.03.2018 and 01.04.2018 in EEE computer Lab of EEE department.

Members Present:

S. No.	Name	Signature
1.	Dr. K. Satyanarayana, Professor in EEE dept., HOD-EEE, Chairman of BOS-EEE	
2.	Dr. Ch. Sai Babu, Professor of EEE and Director R&D, JNTUK, Kakinada.	
3.	Dr. Srirama Srinivas, Assoc Prof of EE, IIT Madras.	
4.	Dr. P. Mallikarjuna Rao. Professor of EE, UCE, Andhra University, Visakhapatnam.	
5.	Sri. V. Mohan Raj Kumar, Assistant Vice President - Electrical Department, Reliance Infrastructure Limited, Samarlkot.	
6.	Sri. B. Pradeep Raj Vardhan, Site Engineer, L& T Ltd Cyber towers, Quadrant-2, Hi-Tech City Hyderabad.	
7.	Dr. G. Naresh, Professor in EEE dept. Dean - Administration.	
8.	Mrs. P. Vijaya Prasuna, Assoc. Prof. in EEE dept.	
9.	Sri. S. M. Shariff, Assoc. Prof. in EEE dept.	
10.	Sri. P. Krishna Chaitanya, Asst. Prof. in EEE dept.	
11.	Ms. A. Durga Bhavani, Asst. Prof. in EEE dept.	
12.	Sri. M. N. V.V. Brahmam, Asst. Prof. in EEE dept.	
13.	Sri. M. V. Chandra Kumar, Asst. Prof. in EEE dept.	
14.	Sri. M. Mani Shankar, Asst. Prof. in EEE dept.	
15.	Sri. B. Anil Kumar, Asst. Prof. in EEE dept.	
16.	Sri. B. Saikumar, Asst. Prof. in EEE dept.	



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**Department of Electrical and Electronics Engineering**

**AGENDA:**

1. Welcome Address by Chairman-BOS.
2. Discussion on proposed B.Tech Third and Fourth Year courses syllabi along with course objectives and course outcomes and ratification of the same.
3. Ratification of the proposed model papers for internal and external examinations of both theory and laboratory courses for B. Tech Third and Fourth years.
4. Finalization of text books and reference books.
5. Any other item.

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B. P. S. P. S. K. S. K. S.

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A. D. S. S. S. S.

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S. M. S. S. S. S.



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**Department of Electrical and Electronics Engineering**

**Item No:1 Welcome Address by Chairman - Board of Studies**

On behalf of Team EEE, I extend a warm welcome to you all for the second meeting of Board of studies.

I deem it a privilege in welcoming the dignitaries for the Board of Studies – EEE Dept.

- Dr.Ch.SaiBabu, Professor, UECK, JNTUK, Kakinada.
- Dr. Srirama Srinivas, Assoc Prof of EE, IIT Madras.
- Dr. P.Mallikarjuna Rao, Professor of EEE, UCE, Andhra University.
- Sri.V.Mohan Raj Kumar, Assistant Vice President-Electrical, Reliance Infrastructure Limited, Samalkot Power Station.
- Sri D.Sathish, Senior Manager, Engineering Research Centre, Electrical & Electronics TATA Motors Ltd, Pune.
- Sri.B..Pradeep Raj Vardhan, Site Engineer, L& T Metro, Hyderabad.
- Members presented from the department of EEE of PEC.

Year of Establishment	2002 (B. Tech), 2011(M. Tech)
AICTE Approval No	F. No. 730-50-311(E)/ET/2001
Duration of Programme	04 Years (B. Tech) & 0 2 Years (M.Tech)
Sanctioned Intake	B. Tech : EEE 60 from 2002–03 to the year 2011-12 120 from 2012-13 onwards M.Tech (PE & ED): 18 from 2011 onwards
Affiliation	Permanently affiliated to Jawaharlal Nehru Technological University, Kakinada

- ✚ The Electrical and Electronics Engineering department of this college is started with the objective of giving best “Technical Education” to aspire power engineers. This department provides an environment where young minds can grow to their full potential and become strong, principled and committed citizens of the country.
- ✚ This department faculty consists of highly experienced Professor, well qualified & dedicated Associate Professors and young & dynamic Assistant Professors who work with commitment to give their best to the young Engineers.

**ACHIEVEMENTS OF THE DEPARTMENT**

- Many students completed and are pursuing post graduate programs in premier institutes like IITs & NITs and INDIAN Universities.
- Alumni are placed in reputed organizations like Tata Motors, BARC, BHEL, L&T, IOCL, HCL etc.
- Mr. Ch. Hemanth Kumar of IV EEE has secured All India 66<sup>th</sup> Rank in GATE-2018 Exam.
- Six members from EEE students has participated in Smart India Hackathon 2017 and grabbed Rs 75,000/- as second prize organized by Ministry of Steel at Indore.
- Good numbers of students won prizes in inter collegiate tournaments.

**BEST PRACTICES**

- ❖ Consistent Academic performance in End Examination Results.
- ❖ Placements and higher education are increasing year by year.
- ❖ Releasing department News Letters in half yearly mode since 2007.
- ❖ Workshops organized in the latest areas of Electrical Engineering.
- ❖ Students are encouraged to undergo industrial training and internships.
- ❖ Industrial visits provided once in a semester for students.

**FUTURE PLANS**

- To establish center of excellence in one or more thrust areas of Electrical Engineering.
- To enter into MOUs with reputed academic and Industrial organizations.
- To establish research oriented laboratories.
- To achieve 90% and above result.
- To achieve 100% placements among eligible candidates through campus selections.

✓ C. S. R. S. C. E. L.

B. Prady Raj...

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Department of Electrical and Electronics Engineering

RESOLUTIONS TAKEN:

1. Considered Item No. 2.

Resolved to ratify the proposed syllabi of following courses of Third and Fourth year B. Tech Programme along with course objectives and course outcomes.

S. No.	Name of the Programme	Subject Code	Name of the Course	Year and Semester
1.	B. Tech	16EE5T13	Power Systems-II	III-I sem EEE
2.		16EE5T14	Electrical Measurements	III-I sem EEE
3.		16EE5T15	Power Electronics	III-I sem EEE
4.		16EE5L06	Electrical Machines –II Lab	III-I sem EEE
5.		16EE5L07	Control Systems Lab	III-I sem EEE
6.		16EE6T17	Power Electronic Controllers and Drives	III-II sem EEE
7.		16EE6T18	Power System Analysis	III-II sem EEE
8.		16EE6E01 (Open Elective)	Neural Networks and Fuzzy Logic	III-II sem EEE
9.		16EE6E02 (Open Elective)	Energy Audit, Conservation & Management	III-II sem EEE
10.		16EE6L08	Power Electronics Lab	III-II sem EEE
11.		16EE6L09	Electrical Measurements Lab	III-II sem EEE
12.		16EE7T20	Utilization of Electrical Energy	IV-I sem EEE
13.		16EE7T21	Renewable Energy Sources	IV-I sem EEE
14.		16EE7T22	Power System Operation and Control	IV-I sem EEE
15.		16EE7T23	Power System Protection	IV-I sem EEE
16.		16EE7D01 (Elective-I)	Electrical Machine Modeling and Analysis	IV-I sem EEE
17.		16EE7D02 (Elective-I)	Advanced Control Systems	IV-I sem EEE

B. Philip Rajakumar

C. S. R. Reddy

S. S. S. S. S.

18.	16EE7D03 (Elective-I)	Industrial Automation and Control	IV-I sem EEE
19.	16EE7D04 (Elective-I)	Instrumentation	IV-I sem EEE
20.	16EE7D05 (Elective-II)	Electric Power Quality	IV-I sem EEE
21.	16EE7D06 (Elective-II)	Special Electrical Machines	IV-I sem EEE
22.	16EE7L10	Power Systems and Simulation Lab	IV-I sem EEE
23.	16EE8T24	Digital Control Systems	IV-II sem EEE
24.	16EE8T25	HVDC Transmission	IV-II sem EEE
25.	16EE8T26	Electrical Distribution Systems	IV-II sem EEE
26.	16EE8D07 (Elective-III)	High Voltage Engineering	IV-II sem EEE
27.	16EE8D08 (Elective-III)	Flexible Alternating Current Transmission Systems	IV-II sem EEE
28.	16EE8D09 (Elective-III)	Power System Deregulation	IV-II sem EEE
29.	16EE6E03 (Open Elective)	Power Electronics and Industrial Applications	III –II sem ECE
30.	16EE6E04 (Open Elective)	Micro Electro – Mechanical Systems	III – II sem ECE
31.	16EE6E03 (Open Elective)	Alternative Energy Systems	III –II sem CE

Subjected to the suggestions:

The approved syllabi are enclosed herewith. (Annexure –I(a) for Third and Fourth year B. Tech EEE subjects, Annexure –I(b) for B. Tech ECE Subject, Annexure –I(c) for B. Tech Civil subject).

2. Considered Item No. 3.

Resolved to ratify the proposed **scheme of model papers** for Internal and external examinations (Theory & Lab) of B. Tech programme.

Subjected to the suggestions:

The approved scheme of model papers are enclosed herewith. (Annexure –II for B.Tech).

3. Considered Item No. 4.

Resolved to ratify the **text books and reference books** as mentioned in the Item No. 2 and approved.

B. Philip Rajan

C. S. S. S.

Anthony

Subjected to the suggestions:

4. Considered Item No. 5.  
i) Model Curriculum prescribed by AICTE will be followed when revising the curriculum for next regulation.

Other Faculty members attended from department of EEE

S. No.	Name of the Faculty	Designation
1	Sri. I. Murali Krishna	Asst. Professor
2	Sri. I. Srinu	Asst. Professor
3	Sri. S. Ashok Reddy	Asst. Professor
4	Sri. D. Krishna Chaitanya.	Asst. Professor
5	Sri. G. Bhavanarayana	Asst. Professor
6	Mrs. K. Sandhya Rani	Asst. Professor
7	Sri. S. V.V. S. K. Reddy	Asst. Professor
8	Mrs. G. Durga Devi	Asst. Professor
9	Mrs. Ch. V. V. Manga Lakshmi	Asst. Professor
10	Mrs. M. Manga Lakshmi	Asst. Professor
11	Ms. S. Varalakshmi	Asst. Professor

Finally Chairman of BOS thanked all the members for their valuable inputs and active participation in the meeting.

*C. S. Reddy*

*B. Reddy Raja Reddy*

*Dr. S. Reddy*

*Dr. K. Sathyanarayana*  
**Dr. K. Sathyanarayana**  
**HOD-EEE & Chairman- BOS**

*Dr. S. Reddy*

*Dr. S. Reddy*

*Chairman*

*A. Durga Shankar*

*Chairman*  
*S. Reddy*

*Dr. S. Reddy*