



# Vidya Jyothi Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC and NBA, Approved By A.I.C.T.E., New Delhi, Permanently Affiliated to JNTU, Hyderabad)  
(Aziz Nagar, C.B.Post, Hyderabad -500075)

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Minutes of the Board of studies of Department of Electrical and Electronics

Engineering meeting held on 30-01-2019 in Board Room held at 10:00 AM.

The following members were present in the meeting.

S.No	Name of the Member	Designation	Signature
1	Dr.S.Siva Prasad, Professor and HOD/EEE,VJIT	Chairman	
2	Dr.N.Venkata Ramana, Professor and Principal, JNTUHCEJ, JNTUH Nominee	External Member	
3	Mr.P.Chow Reddy, Vice President, Eesavyasa Mechatronics Technologies	External Member	
4	Dr.T.Anil Kumar, HOD/EEE, CVSR	External Member	
5	Dr.G.Suresh Babu, Professor/EEE, CBIT	External Member	
6	Dr.P.Rama Kishore Kumar Reddy, Professor, HOD/EEE, MGIT	External Member	
7	Dr.K.Suneeta, Professor/EEE, JBIET	External Member	
8	Dr.D.B.G.Reddy, Professor/EEE,VJIT	Internal Member	
9	Dr.C.N.Ravi, Professor/EEE, VJIT	Internal Member	
10	Dr.G.Madhusudhana Rao, Professor/EEE, VJIT	Internal Member	
11	Mr.B.Rajesh, Assistant Professor/EEE,VJIT	Internal Member	

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## Item No.1: Approval of the Course structure of II Year, III Year and IV Year B.Tech Electrical and Electronics Engineering (EEE) subjects

The Chairman presented the course structure of II Year, III Year and IV Year B.Tech EEE subjects as per Annexure-I.

After discussing various aspects of the Course Structure the committee passed the following resolution.

**Resolution (1):** The members after thorough discussion approved the course structure of II Year, III Year and IV Year B.Tech in Electrical and Electronics Engineering.

## Item No. 2: Approval of B.Tech EEE II Year I Semester Syllabi

a). The Chairman presented the syllabi of Professional Core subjects of B.Tech EEE II Year I Semester viz,.

### Professional Core:

1. Power Systems -I (PC-1)
2. Network Analysis (PC-2)
3. Electro Magnetic Fields (PC-3)
4. Electrical Machines-I (PC-4)

b). The Chairman also presented the syllabi of Laboratories offered during II year I semester. The titles of the Laboratories are;

### Professional Core Lab:

1. Basic Simulation Tools Lab (PC Lab-1)
2. Electric Circuits Lab (PC Lab-2)

After discussing various aspects of the syllabi the committee passed the following resolution.

**Resolution (2):** The members after thorough discussion approved the syllabi of 2<sup>nd</sup> Year B.Tech EEE I Semester as per Annexure-I and Annexure - II.

**Noted and Approved.**

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## Item No. 3: Approval of B.Tech EEE II Year II Semester Syllabi

a). The Chairman presented the syllabi of professional core subjects of B.Tech II Year II Semester viz,.

### Professional Core:

1. Electrical Machines-II (PC-5)
2. Power Systems - II (PC-6)
3. Control Systems (PC-7)

b). The Chairman also presented the syllabi of laboratories to be offered during II year II semester. These are,

### Professional Core Lab:

Electrical Machines-1 Lab (PC Lab-3)

Electronic Devices and Circuits Lab (PC Lab-4)

After discussing various aspects of the syllabi the committee passed the following resolution

**Resolution (3):** The members after thorough discussion approved the syllabi of 2<sup>nd</sup> Year II semester as per Annexure -I and Annexure - II.

## Item No. 4: Approval of B.Tech EEE III Year I Semester B.Tech Syllabi

a). The Chairman presented the syllabi of subjects of B.Tech III Year I Semester viz,.

### Professional Core:

1. Electrical Machines - III (PC-8)
2. Power Electronics (PC-9)

### Professional Elective - 1:

1. Electrical Energy Conservation and Auditing
2. Electrical Estimation and Costing

### Open Elective - 1:

1. Non Conventional Energy Sources
2. Fundamentals of Electric Power Generation and Protection

  
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b). The Chairman also presented the syllabi of Laboratory offered during III year I semester.

The titles of the Laboratories are;

## Professional Core Lab:

1. Electrical Machines -II Lab (PC Lab-5)

After discussing various aspects of the syllabi the committee passed the following resolution.

**Resolution (4):** The members after thorough discussion approved the syllabi of III Year I Semester B.Tech as per Annexure-I and Annexure - II.

**Noted and Approved.**

## Item No. 5: Approval of B.Tech EEE III Year II Semester B.Tech Syllabi

a). The Chairman presented the syllabi of subjects of B.Tech III Year II Semester viz,.

## Professional Core:

1. Electrical Measurements & Instrumentation
2. Computer Methods in Power Systems
3. Power Semiconductor Devices
4. Switch Gear and Protection

## Professional Elective - 2:

1. Integrated Circuits and Applications
2. Artificial Intelligence Techniques in Electrical Engineering

## Open Elective - 2:

1. Energy Auditing and Conservation
2. Principles of Electric Power Utilization

b). The Chairman also presented the syllabi of laboratories to be offered during III year II semester. These are,

## Professional Core Lab:

1. Control Systems and Simulation Lab (PC-7)
2. Power Electronics and Simulation Lab (PC-8)

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After discussing various aspects of the syllabi the committee passed the following resolution

**Resolution (5):** The members after thorough discussion approved the syllabi of III Year II semester as per Annexure -I and Annexure - II.

## Item No. 6: Approval of B.Tech EEE IV Year I Semester Syllabi

a). The Chairman presented the syllabi of Professional Core subjects of B.Tech IV Year I Semester viz.;

### Professional Core-15:

1. Power System Operation and Control

### Professional Elective - 4:

1. Electrical Distribution Systems
2. Industrial Electrical Systems

### Open Elective - 3:

1. Electric Vehicles and Hybrid Vehicles
2. Energy Storage Systems

b). The Chairman also presented the syllabi of Laboratory offered during IV year I semester. The titles of the Laboratories are;

### Professional Core Lab:

1. Electrical Measurements Lab (PC Lab-9)

After discussing various aspects of the syllabi the committee passed the following resolution.

**Resolution (6):** The members after thorough discussion approved the syllabi of IV Year I Semester B.Tech as per Annexure-I and Annexure - II.

**Noted and Approved.**

*A. Krishna*

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## Item No. 7: Approval of B.Tech EEE IV Year II Semester Syllabi

a). The Chairman presented the syllabi of subjects of B.Tech IV Year II Semester Professional Core Subjects offered by department of Electrical and Electronics Engineering for other branches viz,.

### Professional Core:

1. Utilization of Electrical Energy
2. Renewable Energy and Energy Storage Technologies

After discussing various aspects of the syllabi the committee passed the following resolution

**Resolution (7):** The members after thorough discussion approved the syllabi of IV Year II semester as per Annexure -I and Annexure - II.

**Noted and Approved.**

## Item No. 8: Approval of B.Tech II Year and III Year Electronics and Communications Engineering (ECE) Branch Syllabi of subjects offered from Academic Year 2019-2020 onwards.

a). The Chairman presented the syllabi of two Engineering Science Course subjects of B.Tech ECE Branches viz,.

1. Electrical Technology ( for II B.Tech II semester)
2. Control Systems ( for III B.Tech I Semester)

After discussing various aspects of the syllabi the committee passed the following resolution

**Resolution (8):** The members after thorough discussion approved the syllabi of Engineering Science Course one subject and one laboratory of II Year and III B.Tech ECE Branches as per Annexure -III.

**Noted and Approved.**

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## Item No. 9: Approval of II Year B.Tech Mechanical Engineering Branch Syllabi of subjects offered from Academic Year 2019-2020 onwards.

a). The Chairman presented the syllabi of Engineering Science Course subject of II Year B.Tech Mechanical Engineering Branch offered by EEE department viz.;

1. Basic Electrical Engineering

b) The Chairman presented the syllabi of Laboratory of II Year B.Tech Mechanical Engineering Branch offered by EEE department viz.;

1. Basic Electrical Engineering Laboratory

After discussing various aspects of the syllabi the committee passed the following resolution

**Resolution (9):** The members after thorough discussion approved the syllabi of Engineering Science Course one subject and one laboratory of II Year B.Tech Mechanical Engineering Branches as mentioned above in the Item No. 9 and as per Annexure -III.

**Noted and Approved.**

## Item No. 10: Approval of 2<sup>nd</sup> Year Civil Engineering Branch Syllabus of subject offered from Academic Year 2019-2020 onwards.

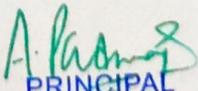
The Chairman presented the syllabi of Engineering Science Course subject of 2<sup>nd</sup> Year B.Tech Civil Engineering Branch offered by EEE department viz.;

Principles of Electrical Engineering

After discussing various aspects of the syllabi the committee passed the following resolution

**Resolution (10):** The members after thorough discussion approved the syllabi of Engineering Science Course Basic Electrical Engineering subject and one laboratory of II Year B.Tech Civil Engineering Branch as mentioned above in the Item No. 10 and as per Annexure -III.

**Noted and Approved.**

  
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**Item No. 11:** Approval of substitute subjects for rejoined students of R-13 (JNTUH) and R-15 (VJIT Autonomous) as per Annexure - IV

The Chairman presented the substitute subjects for rejoined students of R-13 (JNTUH) and R-15 (VJIT Autonomous) as per Annexure - IV

After discussing various aspects of the subjects the committee passed the following resolution

**Resolution (11):** The members after thorough discussion approved the substitute subjects for rejoined students of R-13 (JNTUH) and R-15 (VJIT Autonomous) as per Annexure -4. The BOS chairman is authorized to choose and approve the substitute subjects for rejoined students as mentioned in Item No.11.

**Item No.12: Approval of the Course structure and Syllabi of M.Tech Electrical Power Systems subjects**

The Chairman presented the course structure and Syllabi of M.Tech Electrical Power Systems subjects as per Annexure-5.

After discussing various aspects of the Syllabi the committee passed the following resolution.

**Resolution (12):** The members after thorough discussion approved course structure and Syllabi of M.Tech Electrical Power Systems subjects as per Annexure-V.

**Item No. 13: To approve the Panel of examiners**

The Chairman emphasized the necessity of Panel of Examiners. Their services will be utilized in the preparation of End-Semester Question paper(s), Evaluation of End-Semester Examination Answer Scripts. They will be paid remuneration as per the recommendations of College Finance Committee.

After discussing the committee passed the following resolution

**Resolution (13):** The BOS Chairman is authorized to prepare the Panel of examiners for B.Tech course and M.Tech course subjects as mentioned in all the above items and Annexures.

Noted and approved.

1 *[Signature]*  
2 *[Signature]*  
3 *[Signature]*  
4 *[Signature]*  
5 *[Signature]*  
6 *[Signature]*  
7 *[Signature]*  
8 *[Signature]*  
9 *[Signature]*  
10 *[Signature]*

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7 *[Signature]*  
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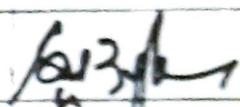
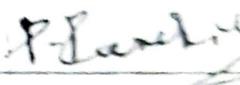
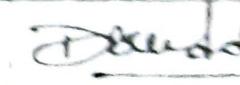
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Minutes of the Board of studies of Dept. of Electrical and Electronics Engineering meeting held on 16<sup>th</sup> March 2017 in Board Room held at 11.30A.M

The following members were present in the meeting.

S.No	Name of the Member	Designation	Signature
1	Prof. S.M. Zafarullah, HOD/EEE, VJIT	Chairman	
2	Dr.G.N.Srinivas, Professor, EEE, JNTUH Nominee	Member	
3	Dr.Somanath, HOD/EEE, CVSR	Member	
4	Dr.P.Rama Kishore Kumar Reddy, HOD/EEE, MGIT	Member	
5	Dr. Vasthsal, Professor, IARE	Member	
6	Mr.M.Gopal Rao, Former Director, APTRANSCO	Member	
7	Dr.D.B.G.Reddy, Professor, VJIT	Member	
8	Dr.S.Siva Prasad, Professor, VJIT	Member	
9	Dr.C.N.Ravi, Professor, VJIT	Member	
10	Mr.N.L.V.Prasada Rao, Professor, VJIT	Member	
11	Mr.A.Narasimha Rao, Associate Professor, VJIT	Member	
12	Mrs A R M.Vani, Associate Professor, VJIT	Member	

  
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## Item No. 1: Approval of 3<sup>rd</sup> Year I Semester B.Tech Syllabi

a). The Chairperson presented the syllabi of three subjects of B.Tech III Year I Semester viz.,

1. Power Electronics
2. Power Systems-II
3. Electrical Machines-III

b). The Chairperson also presented the syllabi of Professional and Open Electives to be offered during III year I semester. The titles of the subjects are;

### **Professional Electives**

1. High Voltage Engineering
2. Advanced Control Systems
3. Linear System Analysis

### **Open Electives 1**

1. Non Conventional Energy Sources
2. Energy Management

c). Thirdly, The Chairperson presented the syllabi of Labs of III year I semester. The Labs are;

1. Electrical Machines-II Lab
2. Control Systems & Simulation Lab

## Item No. 2: Approval of 3<sup>rd</sup> Year II Semester B.Tech Syllabi

a). The Chairperson presented the syllabi of three subject of B.Tech III Year II Semester viz.,

1. Electrical and Electronics Instrumentation
2. Power Semiconductor Drives
3. Switch Gear & Protection

Dr. Anurag K. S. ... Dr. ... S. ...

... ..

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## Item No. 4: To approve the Panel of examiners

The Chairperson emphasized the necessity of Panel of Examiners. Their services will be utilized in the preparation of End-Semester Question paper(s), Evaluation of End-Semester Examination Answer Scripts. They will be paid remuneration as per the recommendations of College Finance Committee.

**Resolution (2):** The BoS Chairman is authorized to prepare the Panel of examiners for both B.Tech III Year I & II Semesters and IV-I Lab.

Noted and Approved.

## Signatures of the Members Present:

- |   |   |   |
|---|---|---|
| 1.   | 2.           | 3.  |
| 4.   | 5. S Vamsal   | 6.       |
| 7.   | 8. S Seetha  | 9. C.N.  |
| 10.  | 11.          | 12.      |



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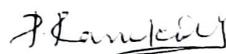
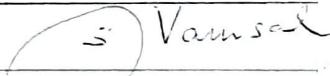
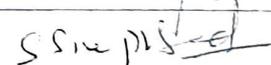
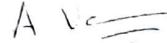
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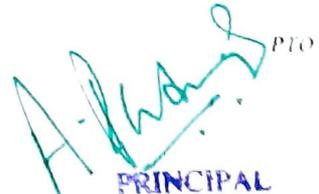
# VIDYA JYOTHI INSTITUTE OF TECHNOLOGY

Minutes of the Board of studies (EEE) meeting held on 17<sup>th</sup> May 2016

at 10.00 A.M in Board Room

The following members were present in the meeting.

S.No	Name of the Member	Designation	Signature
1	Prof. S.M. Zafarullah, HoD Dept. of EEE	Chairman	
2	Dr. G.N.Srinivas, Professor, JNTUH Nominee	Member	 17/5/16
3	Dr. Somanath, HOD/EEE, CVSR College of Engg.	Member	
4	Dr. P.Rama Kishore Kumar Reddy, HOD/EEE, MGIT, Hyderabad	Member	
5	Dr. Vastal, Professor, JBIET, Hyderabad	Member	 Vastal
6	Mr. M.Gopal Rao, Former Director, APTRANSCO	Member	
7	Dr. D.B.G.Reddy, Professor, VJIT	Member	
8	Dr.S.Siva Prasad, Professor, VJIT	Member	
9	Mr. N.L.V.Prasada Rao, Professor, VJIT	Member	
10	Mr.A.Narasimha Rao, Assoc.Prof., VJIT	Member	
11	Mrs. A.R.M.Vani, Assoc.Prof., VJIT	Member	

 PRO  
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**Item No. 1: Approval of 2<sup>nd</sup> Year B.Tech Syllabi**

The Chairperson of Board of Studies (BoS) presented the syllabi of B.Tech II Year I & II Semesters. Detailed and elaborate discussions were held regarding each and every topic of the syllabi of various papers related to both the Semesters - II/1 and II/2 and the details of the papers given in table-I.

**Table-I**

S.No.	Subject	Credits
<b>II/I Semester</b>		
1	Network Theory	4
2	Electro Magnetic Fields	4
3	Electrical Machines -I	4
4	Basic Simulation Tools Lab	2
5	Electrical Circuits Lab	2
<b>II/II Semester</b>		
1	Electrical Machines-II	4
2	Power Systems-I	3
3	Control Systems	4
4	Electrical Machines Lab-I	2

It has been decided to discuss and finalize the syllabi and course structure of III & IV year subjects in the next meeting.

After discussing various aspects of the syllabi the committee passed the following resolution.

**Resolution (1):** The members after thorough discussion approved the syllabi of all the course mentioned in Table: 1 and the details of the syllabi are as per Annexure: 1.

**Noted and Approved**

**Item No. 2: Approval of 2<sup>nd</sup> Year I Sem. B.Tech (Mech. Engg.) Syllabi**

The Chairperson of Board of Studies (BoS) presented the 2<sup>nd</sup> Year I Sem. B.Tech (Mech. Engg.) Syllabi to the Board.

S.No.	Subject	Credits
<b>II/I Semester</b>		
1	Electrical and Electronics Engineering	3
2	Electrical and Electronics Engineering Lab	2

P.T.O



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**Resolution (2):** The members after thorough discussion, approved the syllabi of both the courses of 2<sup>nd</sup> Year I Sem. B.Tech (Mech Engg) as per Annexure 2.

**Noted and Approved.**

**Item No. 3: Approval of 2<sup>nd</sup> Sem. M.Tech Syllabi**

The Chairperson of Board of Studies (BoS) presented the syllabi of M.Tech (PEED, EPS) programmes of all the subjects. As decided earlier, for this semester also it is decided to follow JNTU syllabus of M.Tech (PEED & PS) for all the subjects.

**Resolution (3):** The members after thorough discussion approved the syllabi of all the courses in M.Tech (PEED, EPS) as per Annexure: 3.

**Noted and Approved.**

**Item No. 4: To approve the Panel of examiners**

The Chairperson emphasized the necessity of Panel of Examiners. Their services shall be utilized in the preparation of End-Semester Question paper(s), Evaluation of End-Semester Examination Answer Scripts and that they will be paid with remuneration as per the recommendations of College Finance Committee.

**Resolution (4):** The BoS Chairman is authorized to prepare the Panel of examiners for both B Tech II Year I&II Semesters.

**Noted and Approved.**

S.No	Name of the Member	Designation	Signature
1	Prof. S.M. Zafarullah, HoD Dept. of EEE	Chairman	<i>[Signature]</i>
2	Dr. G.N. Srinivas, Professor, JNTUH Nominee	Member	<i>[Signature]</i> 17/5/16
3	Dr. Somanath, HOD/EEE, CVSR College of Engg.	Member	<i>[Signature]</i>
4	Dr. P. Rama Kishore Kumar Reddy, HOD/EEE, MGIT, Hyderabad	Member	<i>[Signature]</i>
5	Dr. Vastal, Professor, JBIET, Hyderabad	Member	<i>[Signature]</i>
6	Mr. M. Gopal Rao, Former Director, APTRANSCO	Member	<i>[Signature]</i>
7	Dr. D.B.G. Reddy, Professor, VJIT	Member	<i>[Signature]</i>
8	Dr. S. Siva Prasad, Professor, VJIT	Member	<i>[Signature]</i>
9	Mr. N.L.V. Prasada Rao, Professor, VJIT	Member	<i>[Signature]</i>
10	Mr. A. Narasimha Rao, Assoc.Prof., VJIT	Member	<i>[Signature]</i>
11	Mrs. A.R.M.Vani, Assoc.Prof., VJIT	Member	<i>[Signature]</i>

*[Signature]*  
**PRINCIPAL**  
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