

**KARPAGAM ACADEMY OF HIGHER EDUCATION  
COIMBATORE – 641 021**

28-03-2019

Minutes of the meeting of the Board of Studies in **2019-2020** held on **28-03-2019** at **10 am** / pm in the **EEE Department** at Karpagam Academy of Higher Education.

**Members Present:**

1. Dr. A. AMUDHA,  
PROFESSOR AND HEAD, EEE DEPARTMENT,  
FACULTY OF ENGINEERING,  
KARPAGAM ACADEMY OF HIGHER EDUCATION, COIMBATORE.
2. Dr. P. MANIMEGALAI,  
PROFESSOR , DEPARTMENT OF ECE,  
FACULTY OF ENGINEERING,  
KARPAGAM ACADEMY OF HIGHER EDUCATION, COIMBATORE.
3. Prof. K. BALACHANDER,  
ASSOCIATE PROFESSOR, EEE DEPARTMENT,  
FACULTY OF ENGINEERING,  
KARPAGAM ACADEMY OF HIGHER EDUCATION, COIMBATORE.
4. Prof. T. RAMESH,  
ASSISTANT PROFESSOR, EEE DEPARTMENT,  
FACULTY OF ENGINEERING,  
KARPAGAM ACADEMY OF HIGHER EDUCATION, COIMBATORE.
5. Dr. V. JAGATHESAN,  
ASSOCIATE PROFESSOR, EEE DEPARTMENT,  
KARUNYA UNIVERSITY, KARUNYA NAGAR, COIMBATORE.

The Chairperson welcomed the members of the Board. The Board carefully scrutinized the draft Curriculum / Syllabus/ Syllabi and after detailed discussion the following resolutions were passed.

**Agenda: 1**

To consider and approve the Regulations and Syllabus for FT B.E (Electrical and Electronics Engineering) programme for the academic year 2019-2020

**Resolution: 1**

Resolved to approve the Regulations and Syllabus for BE (EEE) Full Time programme and it comes into effect from 2019-20.

The courses introduced are:

S.No.	Course Code	Course Name
NIL		

The electives introduced are:

S.No.	Course Code	Course Name
NIL		

The changes in the existing courses are:

S.No.	Course Code	Course Name	Changes Introduced
1	19BEEE241	Chemistry-I	Unit II, Unit III and Unit IV changed
2	19BEEE141	Waves, Optics and Introduction to Quantum Mechanics	Unit I, Unit III, Unit IV and Unit V changed

**Agenda: 2**

To consider and approve the Regulations and Syllabus for the following programme.  
B.E (Electrical and Electronics Engineering-Part time)

**Resolution: 2**

Resolved to approve the Regulations and Syllabus for BE (EEE) Part Time programme and it comes into effect from 2018-19. There is no syllabus changes.

**Agenda: 3**

To consider and approve the Regulations and Syllabus for FT M. E (Power Systems Engineering) programme for the academic year 2019-2020

**Resolution: 3**

Resolved to approve the Regulations and Syllabus for ME (PSE) Full Time programme and it comes into effect from 2019-20.

**New Course Introduced**

S.No.	Course Code	Course Name
1.	19MEPS101	Power System Analysis
2.	19MEPS102	Power System Dynamics-I
3.	19MEPS103	Program Elective – I
4.	19MEPS104	Program Elective – II
5.	19MEPS105	Research Methodology and IPR
6.	19MEPS111	Lab 1
7.	19MEPS112	Lab 2
8.	19MEPS113	Audit I
9.	19MEPS201	Digital Protection of Power System
10.	19MEPS202	Power System Dynamics-II
11.	19MEPS203	Program Elective – III
12.	19MEPS204	Program Elective – IV
13.	19MEPS211	Lab3
14.	19MEPS213	Audit-II
15.	19MEPS301	Program Elective – V
16.	19MEPS302	Open Elective
17.	19MEPS303	Phase – I Dissertation
18.	19MEPS401	Phase-II Dissertation

**Elective Courses**

S.No.	Course Code	Course Name
1.	19MEPS103A	Renewable Energy System
2.	19MEPS103B	Smart grids
3.	19MEPS103C	High Power Converters
4.	19MEPS103D	Wind and Solar Systems
5.	19MEPS104A	Electrical Power Distribution System
6.	19MEPS104B	Mathematical Methods for Power Engineering
7.	19MEPS104C	Pulse Width Modulation for PE Converters
8.	19MEPS104D	Electric and Hybrid Vehicles
9.	19MEPS203A	Restructured Power Systems



10.	19MEPS301A	Power System Transients
11.	19MEPS301B	FACTS and Custom Power Devices
12.	19MEPS301C	Industrial Load Modeling and Control
13.	19MEPS203B	Advanced Digital Signal Processing
14.	19MEPS203C	Dynamics of Electrical Machines
15.	19MEPS203D	Power Apparatus Design
16.	19MEPS204A	Advanced Micro-Controller Based Systems
17.	19MEPS204B	SCADA System and Applications
18.	19MEPS204C	Power Quality
19.	19MEPS111	Power System Steady State Analysis Lab
20.	19MEPS112A	Power System Dynamics Lab
21.	19MEPS112B	Renewable Energy Lab
22.	19MEPS211A	Power System Protection Lab
23.	19MEPS211B	Power Quality Lab
24.	19MEPS211C	Artificial Intelligence Lab
25.	19MEPS211D	Power Electronics Applications to Power Systems Lab
26.	19MEPS211E	Smart Grids Lab
27.	19MEPS204D	AI Techniques
28.	19MEPS113A	English for Research Paper Writing
29.	19MEPS113B	Disaster Management
30.	19MEPS113C	Sanskrit for Technical Knowledge
31.	19MEPS113D	Value Education
32.	19MEPS213A	Constitution of India
33.	19MEPS213B	Pedagogy Studies
34.	19MEPS213C	Stress Management by Yoga
35.	19MEPS213D	Personality Development through Life Enlightenment Skills

**Agenda: 4**

To consider and approve the Regulations and Syllabus for the following programme.  
M.E (Power Systems Engineering-Part time)

**Resolution: 4**

Resolved to approve the Regulations and Syllabus for ME (PSE) Part Time programme and it comes into effect from 2018-19.

The courses introduced are:



S.No.	Course Code	Course Name
NIL		

The electives introduced are:

S.No.	Course Code	Course Name
1	19PMEPS103D	WIND AND SOLAR SYSTEMS
2	19PMEPS511E	SMART GRIDS LAB

The changes in the existing courses are:

S.No.	Course Code	Course Name	Changes Introduced
NIL			

**Agenda: 5**

To consider and approve the Regulations and Syllabus for following programme.

- P.hD (Electrical and Electronics Engineering)

**Resolution: 5**

Resolved to approve the Regulations and Syllabus for P.hD (Electrical and Electronics Engineering) programme and it comes into effect from 2019-20 .There is no syllabus changes.

The UG programme B.E. Electrical and Electronic Engineering Consists of 53 courses out of which 15 courses come under the category of Science and Humanities, Management and Allied Engineering courses. There is a syllabus change in 2 course and hence total change is 3.77 % changes in syllabus.

The UG programme B.E. Electrical and Electronic Engineering Consists of 35 courses out of which 7 courses come under the category of Science and Humanities, Management and Allied Engineering courses. There is no syllabus changes .

The PG programme M.E. Power Systems Engineering Consists of 18 courses out of which 01 courses come under the category of Management courses. This is a 100% new syllabus .

The PG programme M.E. Power Systems Engineering –Part time consists of 15 courses out of which 01 courses come under the category of Management courses. There is a no syllabus changes.

The Ph.d programme consists of 25 courses out of which 01 courses come under the MBA department courses . There is no syllabus changes.

The meeting came to an end with a vote of thanks by the Chair.

Signature of Members

*A. Arunde*  
Chairperson

Head of the Department  
Department of EEE  
Faculty of Engineering

Karpagam Academy of Higher Education  
Coimbatore – 641 021, Tamil Nadu, India.

*[Signature]*

REGISTRAR  
Karpagam Academy of Higher Education  
(Deemed to be University Under Section 3 of UGC Act 1956)  
Pollachi Main Road, Eachanari Post,  
Coimbatore - 641 021.