

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

12-06-2018

Minutes of the meeting of the Board of Studies in 2018-2019 held on 12-06-2018 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.
6. Er. B. SHANMUGA SUNDRAM,  
PROJECTS- HEAD,  
M/S. STEPS KNOWLEDGE SERVICES PVT. LTD.  
“ SHRINIVAS”, ONDIPUDUR, 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 the following programme

B.E (Electrical and Electronics Engineering)

**Resolution: 1**

Resolved to approve the Regulations and Syllabus for BE (EEE) Full Time programme and it comes into effect from 2018-19.

**New Courses introduced**

S. No.	Course Code	Name of the Course
1.	18BEEE104	Programming For Problem Solving (With C)
2.	18BEEE302	Analog Electronics
3.	18BEEE351	NSS/NCC/PCB Design
4.	18BEEE305	Engineering Mechanics
5.	18BEEE404	Signals and Systems
6.	18BEEE406	Environmental Studies
7.	18BEEE405	Mathematics – III (Probability and Statistics)
8.	18BEEE451	Constitution of India/ Essence of Indian Traditional Knowledge
9.	18BEEE504	Engineering Economics and Financial Management
10.	18BEEE601	Total Quality Management
11.	18BEEE602	Power Systems – II (Operation and Control)
12.	18BEEE612	Electronics Design Laboratory
13.	18BEEE7E	Program Elective -V
14.	18BE __ 8OE _	Open Elective -V
15.	18BE __ 8OE _	Open Elective-VI

**The electives introduced are:**

S. No.	Course Code	Name of the Course
1.	18BEEE6E04	Electromagnetic Waves
2.	18BEEE6E05	Computational Electromagnetics
3.	18BEEE6E06	Control Systems Design
4.	18BEEE6E07	Industrial Electrical Systems
5.	18BEEE6E08	Electrical Drives
6.	18BEEE6E09	Line Commutated and Active Rectifiers
7.	18BEEE7E01	Wind and Solar Energy Systems
8.	18BEEE7E03	Power System Protection
9.	18BEEE7E04	HVDC Transmission Systems

**The changes in the existing courses are:**

S. No.	Course Code	Name of the Course	Changes Introduced
1	18BEEE103	English	Unit-I to Unit V



2	18BEEE101	Mathematics-I (Calculus and Differential Equations)	Unit-I,Unit-II,Unit-III and Unit V
3	18BEEE102	Waves, Optics and Introduction to Quantum Mechanics	Unit-I to Unit V
4	18BEEE201	Mathematics-II (Linear Algebra, Transform calculus and Numerical Method)	Unit-I to Unit V
5	18BEEE202	Chemistry-I	Unit-I to Unit V
6	18BEEE203	Basic Electrical Engineering	Unit-I to Unit V
7	18BEEE211	Workshop/ Manufacturing Practices	Unit-I to Unit V
8	18BEEE212	Engineering Graphics& Design	Unit-I, Unit II and Unit V
9	18BEEE301	Electrical Circuit Analysis	Unit-I to Unit V
10	18BEEE303	Electrical Machines – I	Unit-I to Unit V
11	18BEEE304	Electromagnetic Fields	Unit-I to Unit V
12	18BEEE311	Analog Electronics Laboratory	Unit-I to Unit V
13	18BEEE401	Digital Electronics	Unit-I to Unit V
14	18BEEE402	Electrical Machines – II	Unit-I to Unit V
15	18BEEE403	Power Electronics	Unit-I to Unit V
16	18BEEE411	Digital Electronics Laboratory	Unit-I to Unit V
17	18BEEE501	Power Systems – I (Apparatus and Modelling)	Unit-I to Unit V
18	18BEEE502	Control Systems	Unit-I to Unit V
19	18BEEE503	Microprocessors	Unit-I to Unit V
20	18BEEE511	Power Systems Laboratory – I	Unit-I to Unit V
21	18BEEE611	Power Systems Laboratory – II	All



22	18BEEE701	Professional Ethics	Unit-I to Unit V
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#### **Agenda: 2**

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

#### **Agenda: 3**

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

M.E (Power Systems Engineering-Part time)

#### **Resolution: 3**

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

#### **Agenda: 4**

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

- P.hD (Electrical and Electronics Engineering)

#### **Resolution: 4**

Resolved to approve the Regulations and Syllabus for P.hD (Electrical and Electronics Engineering) programme and it comes into effect from 2018-19 .

#### **New Courses introduced**

S. No.	Course Code	Name of the Course
1.	18REEE317	Embedded System
2.	18REEE318	Artificial intelligence Applications to Power System



The UG programme B.E. Electrical and Electronic Engineering Consists of 54 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 37 course and hence total change = 68.51%

The UG programme B.E. Electrical and Electronic Engineering –Part time consists of 35 courses out of which 7 courses come under the category of Science and Humanities, Management and Allied Engineering courses. There 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 100% new syllabus .

The Ph.d programme consists of 25 courses out of which 01 courses come under the MBA department courses . There is two new courses introduced and hence total change =  $02 / (25 - 01) = 8.33 \%$

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



(CHAIR PERSON)

Head of the Department  
Department of EEE  
Faculty of Engineering  
Karpagam Academy of Higher Education  
Coimbatore – 641 021, Tamil Nadu, India.



**REGISTRAR**  
**Karpagam Academy of Higher Education**  
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