KARPAGAM ACADEMY OF HIGHER EDUCATION

COIMBATORE-641021

KARPAGAM
ACADEMY OF HIGHER EDUCATION
[Deemed to be University]
[Established Under Section 3 of UGC Act, 1956]

BOS (2018-2019)

Minutes of Board of Studies:

Minutes of meeting of the board of studies in ECE department held on 11.06.2018 at 10.00AM in Bio Signal Processing lab in FOE of Karpagam Academy of Higher Education

Members present

1. Dr S.Bhavani, Prof & HOD/ECE KAHE (Chairperson)

2. Dr V.R.Vijayakumar , Prof &HOD/ECE, Anna University, Cbe

3. Mrs N.Kavitha, steps knowledge service, Cbe

4. Dr P.Manimegalai, Prof/ECE, KAHE

5. Dr S.Kamalraj, Asst Prof/ECE, KAHE

6. Dr G.R.Mahendra babu, AP/ECE, KAHE

7. Mr M.Daranikumar , AP/ECE, KAHE

The chair person welcomed the members of board of studies. The BoS committee scrutinized and has drafted syllabus for I & II semester for 2018 batch & the syllabus for PHD course work

Agenda 1:

To consider and approve the syllabus for I&II semester of BE Biomedical Engineering

Resolution 1:

Resolved to approve the syllabus for I & II semester of BE Biomedical Engineering

(Approved changes in syllabus is given in **Annexure I**)

Annexure I

Sl. No	Course Code	Course Name	Changes Made
1	18BEEC101	Mathematics –I	Changes has been made all the 5 units
2	18BEEC102	Semi-Conductor Physics	Changes has been made all the 5 units
3	18BEEC103	English	Changes has been made all the 5 units
4	18BEEC104	Programming For Problem Solving	Changes has been made all the 5 units
5	18BEEC201	Mathematics – II	Changes has been made all the 5 units
6	18BEEC202	Chemistry – I	Changes has been made all the 5 units
7	18BEEC203	Basic Electrical Engineering	Changes has been made in unit 4 and 5
8	18BEEC204	Environmental Sciences	Changes has been made all the 5 units
9	18BEEC206	Engineering Graphics and Design	Changes has been made in unit 2, 3 and 5
10	18BEEC302	Electronic Devices	Changes has been made in unit 1, 2 and 5
11	18BEEC303	Digital System Design	Changes has been made in unit 3, 4 and 5
12	18BEEC304	C++ & Data Structures	Changes has been made all the 5 units
13	18BEEC305	Signals and Systems	Changes has been made in unit 2, 3 and 4
14	18BEEC306	Network Theory	Changes has been made in unit 3, 4 and 5
15	18BEEC311	C++ & Data Structures Laboratory	Changes has been made all the 5 units
16	18BEEC401	Material Sciences	Changes has been made all the 5 units
17	18BEEC402	Analog Circuits	Changes has been made all the 5 units
18	18BEEC403	Analog and Digital Communication	Changes has been made all the 5 units
19	18BEEC404	Microcontroller	Changes has been made in unit 3, 4 and 5
20	18BEEC411	Microcontroller Laboratory	2 experiments has been

			excluded
21	18BEEC413	Analog and Digital Communication Laboratory	Changes has been made in 3 experiments
22	18BEEC501	Probability and Random Processes	Changes has been made all the 5 units
23	18BEEC502	Computer Architecture	Changes has been made in unit 1,2,3 and 5
24	18BEEC503	Digital Signal Processing	Changes has been made in unit 1, 2 and 4
25	18BEEC504	Electromagnetic Waves	Changes has been made in unit 1, 4 and 5
26	18BEEC512	Antenna Laboratory	Changes has been made all the experiments
27	18BEEC602	Control Systems	Changes has been made in unit 1, 4 and 5
28	18BEEC603	Computer Networks	Changes has been made in unit 1, 2, 4 and 5
29	18BEEC611	Computer Networks Laboratory	Changes has been made all the experiments
30	18BEEC612	Electronic Measurement Laboratory	Changes has been made all the experiments
31	18BEEC701	Professional Ethics	Changes has been made all the 5 units
32	18BEEC5E01	Biomedical Electronics	Has been Included in the Syllabus as new course
33	18BEEC5E02	Antennas and Wave Propagation	Changes has been made in unit 1, 2, 3 and 4
	18BEEC5E03	Information Theory and Coding	Has been Included in the Syllabus as new course
34	18BEEC6E01	Power Electronics	Has been Included in the Syllabus as new course
35	18BEEC6E02	Introduction To MEMS	Has been Included in the Syllabus as new course
36	18BEEC6E03	CMOS Design	Has been Included in the Syllabus as new course
37	18BEEC6E04	Nano Electronics	Changes has been made all the 5 units
38	18BEEC7E01	Satellite Communication	Changes has been made all the 5 units
39	18BEEC7E02	Embedded Systems	Changes has been made in unit 3, 4 and 5
40	18BEEC7E03	Microwave Theory And Techniques	Changes has been made in unit 1,2,3 and 5

41	18BEEC7E04	VLSI Technology	Has been Included in the Syllabus as new course
42	18BEEC7E05	Mixed Signal Design	Has been Included in the Syllabus as new course
43	18BEEC7E09	Digital Logic Design With Plds And Vhdl	Has been Included in the Syllabus as new course
44	18BEEC7E10	Speech And Audio Processing	Has been Included in the Syllabus as new course
45	18BEEC7E11	Mobile Communication And Networks	Has been Included in the Syllabus as new course
46	18BEEC7E12	Digital Image And Video Processing	Changes has been made in unit 2,3,4 and 5
47	18BEEC8E02	Fiber Optic Communication	Has been Included in the Syllabus as new course
48	18BEEC8E03	Wavelets	Has been Included in the Syllabus as new course
49	18BEEC8E05	Error Correcting Codes	Has been Included in the Syllabus as new course
50	18BEEC8E06	Adaptive Signal Processing	Has been Included in the Syllabus as new course
51	18BEEC8E07	Wireless Sensor Networks	Has been Included in the Syllabus as new course

Agenda 2:

To consider and approve the modification of syllabus for PHD of course work for 2018

Resolution 2:

Resolved to modify the circular and syllabus for PHD in ECE for 2018 & 2019

(Approved changes in syllabus is given in **Annexure II**)

Annexure II

1. Three new courses titled " VLSI signal processing, wavelets and multi resolution processing and Computer vision and image processing"are added in Paper II

2. 2 new courses titled " VLSI design methodologies and programming in HDL and Pattern recognition" are added in Paper III.

The meeting came to an end with vote of thanks by chairperson Dr S.Bhavani .

The UG program BE- Biomedical Engineering consists of 9 Courses for I and II Semester out of which 1 is language course. There is a syllabus change in 8 courses and hence the total change is $8/9*100=88.8$ %

The UG program BE- Electronics and Communication Engineering for Academic year 2018-19 consists of 60 Courses out of which it has 26 Allied Engineering courses. There is a syllabus change in 30 courses and hence the total change is $30/34*100=88.23$ %

The Ph.D program in ECE for Academic year 2018-19 consists of 22 Courses. Three new courses titled " VLSI signal processing, wavelets and multi resolution processing and Computer vision and image processing"are added in Paper II and 2 new courses titled " VLSI design methodologies and programming in HDL and Pattern recognition" are added in Paper III. 5 New Courses are introduced. There is a syllabus change of 5 course and hence the total change is $5/22*100=22.72\%$ %

Chair Person

Head of the Department
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Faculty of Engineering
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