SETHU INSTITUTE OF TECHNOLOGY, PULLOOR, KARIAPATTI – 626 115

MINUTES OF 3RD MEETING OF BOARD OF STUDIES IN DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING HELD ON 14.07.2015.

The Third Meeting of the Board of Studies in Department of Electronics and Communication Engineering was held on 14.07.2015 at ECE Seminar Hall at Sethu Institute of Technology, Pulloor, Kariapatti.

The following members were present:

S.No	Name of the Staff	Position	Signature
1.	Mrs. Helina Rajini Suresh	Chairman	
2.	Dr.A.Merline	Member	
3.	Dr.R.Ganesan	Member	
4.	Dr.Kalpana.M	Member	
5.	Mrs.N.M.Masoodhu Banu	Member	
6.	Dr.A.C.Shagar	Member	
7.	Dr.R.Tamilselvi	Member	
8.	Dr. M.Sheik Dawood	Member	
9.	Mrs. M.Annalakshmi	Member	
10.	Mrs. R.Karthika Devi	Member	
11.	Mr.S.K.A.Ahamed Kandu Sahib	Member	
12.	Mrs.N.R.Indira	Member	
13.	Mrs.M.Ameena Banu	Member	
14.	Mr.C.Karthik Sendhil Kumar	Member	
15.	Mrs.P.Vanitha	Member	
16.	Mr. S.Ramesh Kumar	Member	
17.	Mrs.S.Amalorpava Mary Rajee	Member	
18.	Mr.R.Abdul Sikkandhar	Member	
19.	Ms.S.Anusuya	Member	
20.	Mr.B.Muthu Pandian	Member	
21.	Mrs.P.Deepa	Member	
22.	Mr.D.John Pragasam	Member	
23.	Ms.M.Pandimadevi	Member	

24.	Ms.G.Lakshmi Priya	Member	
25.	Mr.V.Karthik	Member	
26.	Mr.T.Venishkumar	Member	
27.	Mr.Michael Vinoline Rinoj.B	Member	
28.	Mr.N.Rajeshkumar	Member	
29.	Ms.N.Kaniamudham	Member	
30.	Mr.S.Balamurugan	Member	
31.	Mr.V.M.Kothanda Thiliban	Member	
32.	Mrs.P.Murugeswari	Member	
33.	Ms.P.S.Sharan Shree	Member	
34.	Ms.S.Ruth Karunya	Member	
35.	Ms. M.Brindha	Member	
36.	Ms.K.Karthika Varthini	Member	
37.	Ms.P.Bharathi	Member	
38.	Ms.K.Aathi Dharshini	Member	
39.	Ms.M.Jehosheba Margaret	Member	
40.	Ms.R.Jasmine Banu	Member	
41.	Ms.R.Priyadharshini	Member	
42.	Mr.N.Godwin Cyril	Member	
43.	Mr.S.Gopa Kumar	Member	
44.	Mr.V.Parthasarathy	Member	
45.	Ms. M. Anin Manjusha	Member	
46.	Mr.S.Ramkumar	Member	
47.	Ms.R.Devika	Member	
48.	Ms.Monisha.K	Member	
49.	Ms.M.Charanya	Member	
50.	Dr.S.Mohamed Mansoor Roomi	Member – External	
51.	Dr. P. Sivakumar	Member – External	
52.	Ms.S.Ajitha	Member- Industrial	
53.	Ms.Meenakshi Shanmugasundaram	Member – Alumni	
54.	Dr.D.Shalini Punithavathani	Member-University Nominee	14.7.15

The Chairman welcomed all the Board of Studies Members and requested the members to consider for approval the Curriculum of 2015 and syllabi of first year courses (for UG only) and the Curriculum & Syllabi of 2015 of the following PG courses:

S.No.	Program	Course	Admitted in	Mode Full / Part Time
1.	B.E	Electronics and Communication Engineering	2015-2016	Full Time
2.	M.E	Communication Systems	2015-2016	Full Time
3.	M.E	Communication Systems	2015-2016	Part Time
4.	M.E	VLSI Design	2015-2016	Full Time
5.	M.E	VLSI Design	2015-2016	Part Time

1.0 B.E.Electronics and Communication Engineering – 2015-16 under Autonomous Regulation 2015:

The members discussed thoroughly the new curriculum and Syllabi for **B.E. Electronics and Communication Engineering** to be followed from 2015-16 batch under autonomous regulation 2015 and offered useful suggestions. The members reviewed the Institute Vision and Mission, Department Vision and Mission, Programme Educational Objectives(PEOs) and Programme Outcomes(POs) for B.E. Electronics and Communication Engineering discipline. They also verified that the relevance of courses in the broad curricular components paved the way to meet out them.

Based on the suggestions given by the members, the following resolutions are made:

1.1 It is suggested to include one self study course in 8th semester.

1.2 It is suggested to include 2 or 3 topics in a course as self study topics.

1.3 It is resolved to remove the following elective courses

- 15UEC903 Computer Architecture and Organization
- 15UEC905 Wireless Sensor Networks
- 15UEC906 Advanced Signal Processing
- 15UEC915 Fiber Optic Networks
- 15UEC917 Electromagnetic Interference and Compatibility

1.4 It is resolved to include the following elective courses

- 15UEC903 ARM Processor Architecture and applications
- 15UEC905 DSP Processor Architecture

- 15UEC906 DSP Algorithms in VLSI
- 15UEC915 Operation Research
- 15UEC917 Speech and Audio Signal Processing

1.5 The board also approved the following open elective courses offered to other departments.

OPEN ELECTIVES

Course Code	Course Title	L	T	P	C
15UEC951	Consumer Electronics	3	0	0	3
15UEC952	Remote Sensing and its applications	3	0	0	3
15UEC953	Embedded Systems and Programming	3	0	0	3
15UEC954	Fundamentals of Digital Signal Processing	3	0	0	3
15UEC955	Fundamentals of Digital Image Processing	3	0	0	3

1.6 The board also approved the following Industry involved one credit courses.

S.No.	COURSE TITLE
1	PIC Embedded Programming
2	PCB Design
3	PHYTHON Programming
4	ANDROID

The Board of studies of Electronics and Communication approves and recommends the Curriculum of B.E. Electronics and Communication Engineering and syllabi of first year courses to be followed from 2015-16 batch under autonomous regulations 2015 with the above modifications.

M.E. Communication Systems – 2015-16 under Autonomous Regulation:

The members discussed thoroughly the new curriculum and Syllabi for **M.E Communication Systems** to be followed from 2015-16 Batch under autonomous regulation 2015 and offered useful suggestions. Based on the suggestions given by the members, the following resolutions are made:

2.1 It is resolved to change the title 14PCM103 Advanced Modulation and Coding Techniques as 15PCM103 Modulation and Coding Techniques.

2.2 It is resolved to change 14PCM201 Mobile Communication Networks from Core to Elective.

2.3 It is resolved to change 14PCM511 Satellite Communication from Elective to Core.

2.4 It is resolved to include 15PCM205 Internship/ Industrial Training in second semester.

2.5 It is resolved to include the following elective courses

- 15PCM512 Numerical Techniques in Electromagnetics
- 15PCM514 Medical Imaging Techniques
- 15PCM515 MIMO Communication Systems
- 15PCM516 Beam forming in Wireless Communication
- 15PCM523 Ultra Wide Band Communication
- 15PCM524 Wireless Body Area Network

2.6 It is resolved to change the title 14PCM523 Advances in Communication Networks as 15PCM525 Green Radio Networks.

2.7 It is resolved to include the following Ph.D elective courses

- 15PCM527 Electromagnetic Band Gap Structures for Antenna
- 15PCM528 Modern Planar Antennas

2.8 It is resolved to remove the following elective courses

- 14PCM512 Electromagnetic Interference and Compatibility in System Design
- 14PCM514 Image Processing
- 14PCM515 CMOS VLSI System
- 14PCM516 Embedded Systems and Design
- 14PCS511 Robotics
- 14PVL509 Speech Signal Processing

2.9 It is resolved to remove the following Ph.D elective courses

- 14PCM525 Advances in Network Technologies
- 14PCM526 Advanced Fiber Optic Communication

The Board of studies of Electronics and Communication Engineering approves and recommends the Curriculum and Syllabi of M.E. Communication Systems for both full time and part time to be followed from 2015-16 batch under autonomous regulations 2015 with the above modifications.

M.E. VLSI Design – 2014 - 15 under Autonomous Regulation:

The members discussed thoroughly the new curriculum and Syllabi for **M.E. VLSI Design** for both full time and part time to be followed from 2015 - 16 batch under autonomous regulation and offered useful suggestions.

Based on the suggestions given by the members, the following resolution is made:

3.1 It is resolved to change the title of the Elective 15PVL526 Fuzzy Logic and Neural Computing as 15PVL526 Fuzzy Logic and Neural Network

3.2 It is resolved to remove the following elective courses

- 15PVL506 Advanced Microprocessors and Microcontrollers
- 15PVL511 DSP Algorithms in VLSI
- 15PVL527 FPGA Based System Design

3.3 It is resolved to include the following elective courses

- 15PVL506 Three Dimensional IC
- 15PVL511 VLSI Interconnects
- 15PVL527 Image Processing and Pattern Recognition

The Board of studies of Electronics and Communication Engineering approves and recommends the Curriculum and Syllabi of M.E. VLSI Design for both full time and part time to be followed from 2015 - 16 batch under autonomous regulations with the above modifications.

The Chairman thanked the members for their contribution and suggestions in framing the curriculum and syllabi for B.E.Electronics and Communication Engineering, M.E. Communication Systems and M.E. VLSI Design to be followed from 2015-16 under Autonomous regulations.

Chairman
Board of Studies
Electronics and Communication Engineering

Chairperson
Board of Studies
Electronics & Communication Engineering
Sethu Institute of Technology
Kariapatti - 626 115