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DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING MINUTES OF XV BOARD OF STUDIES MEETING
CONDUCTED ON 24.11.2018

The Department of Electronics and communication engineering conducted Board of studies meeting for approving curriculum R2018 and syllabus R2018(I and IV semester) of M.E Communication Systems programme on 24.11.2018(Saturday) at 02.00 pm in 'C' Block conference hall.

Dr.S.A.Pasupathy, Professor and Head of the Department chaired the meeting and presented curriculum and syllabus .

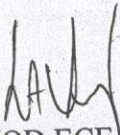
The following Members attended the meeting

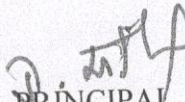
Sl.No.	Name of the member	Signature
1.	Dr. S. A. Pasupathy Professor and Head	
2.	Dr M.A.Bhagyaveni Professor, Anna University, Chennai.	
3.	Dr.P.Palanisamy, Professor, Dept. of ECE,National Institute of Technology, Trichrapalli	24/11/2018
4.	Dr.K.Gunavathi ,Professor, Dept.of ECE, PSG college of Technology, Coimbatore	24/11/18
5.	Mr. Dinesh kumar subramanian Manager, Analytics, Cognizant, C ³ CHIL Special Economic Zone,Coimbatore	24/11/2018
	Ms.G.R. Nisha Scientist/Engineer "SF", Section Head, Components Screening Lab,QDAC/QRAG/SR, VRC, Vikram Sarabhai Space Centre, ISRO, Veli hills, ISRO (po), Trivanandapuram,	Received comments through phone
6.	Mr. Senthilkumar.N Sub Divisional Engineer (RF) Bharat Sanchar Nigam Limited, Salem.	
7.	Mr. Rangabhargavan,Senior Module Lead,Avaya Technologies,Pune,India	Received comments through phone
8.	Prof.Thirumoorthi P Assistant Professor III, Department of EEE,,KCT	24-11-18

9	Name of the teaching faculty from each specialization (Department of ECE)	
	Dr.M.Bharathi (Convener) Dr.K.Kavitha Dr.M.Alagumeenakshi Prof.K.Ramprakash Ms.K.Thilagavathi Ms.R.Hemalatha Mr.R.Darwin	M. Bharathi. K. Kavitha M. Alagumeenakshi K. Ramprakash K. Thilagavathi R. Hemalatha R. Darwin
10	Special Nominee Dr.MaryCheriyar Head AcedemicAdminstration Kumaraguru College of Technology, Saravanampatti, Coimbatore Phone::+91-9442002392 Email ID: marycherian@kctbs.ac.in. Dr.Vinohar Stephen Rapheal Head AcedemicInnovation, Kumaraguru College of Technology, Saravanampatti, Coimbatore Email.Id: vinohar.stephenrapheal.bt@kct.ac.in	 24/11/18
11	Other members of staff of the same department Ms.S.Sasikala Mr.R.Karthikeyan Ms. S Krithika Ms K Karthika Mr.Timothy Dhayakar Paul	Sasikala R. Karthikeyan S. Krithika K. Karthika T. Dhayakar Paul
12	COE/Coordinator Autonomous:	1

The following were recommendations by the BoS expert members

- Projected curriculum structure is not matching with AICTE curriculum structure so it has to be changed.
- Number of courses need to be increased so as to qualify as PG.
- Hours is not balanced. Second semester hour and credits are less compared to first semester.
- Mathematics course has to be added in core instead of elective.
- Research methodology do not promote writing skill. It can only be offered as an elective.
- Research Methodology to be replaced by Applied Mathematics with emphasis on Random Process and Linear Algebra.
- Equal credits cannot be given for both phase I and II Project work.
- Internship to be done after second semester.
- Lab Observation book to be made compulsory to improve writing skills of the students.
- Technical writing can be a one credit course/ no credit mandate course.
- Number of courses in elective list should be increased.
- Students project for second semester to be in house. Crash course can be avoided. Course duration can be increased.
- **Research Methodology:** Title has to be statistics and Research methodology- content has to be significantly revised – can be started from random variables.
- **RF and Microwave course:** to be revised. Content on MIMO antenna to be increased.
- **Advanced Digital Communication:** Linear Algebra is needed. Has to be revised. Unit I and III has to be changed. Unit I – source coding and information theory to be added as two units - channel coding can be removed from unit II – synchronization(unit V) , equalization (7 hours)– detection and estimation to be added
- **Wireless Sensor Networks:** Unit II is heavy and can be split, Unit V is light. It can be replaced with a course on Spread spectrum and Synchronization.
- **Computer network security:** Introduction to randomness, test for randomness to be added.
- **DIP:** V Unit can be revised.
- **Machine Learning Techniques:** The content has to be revised.


HOD ECE


PRINCIPAL