

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
F/O ENGINEERING & TECHNOLOGY
JAMIA MILLIA ISLAMIA, NEW DELHI – 110025

Minutes of the Board of Studies (B.O.S.) meeting, Department of Electronics & Communication Engineering
held on 29th March 2016 at 2:30 p.m. in the office of the Head.

The following members were presents:

- | | |
|-----------------------|--------------------------|
| 1. Prof. Mainuddin | Deptt. of E&C (HOD) |
| 2. Prof. M.T. Beg | Deptt. of E&C |
| 3. Prof. S.N. Ahmad | Deptt. of E&C |
| 4. Prof. Moinuddin | Dean Engg. Jamia Hamdard |
| 5. Dr. Anwar Ahmad | Deptt. of E&C |
| 6. Dr. S.A. Imam | Deptt. of E&C |
| 7. Dr. S.A. Loan | Deptt. of E&C |
| 8. Dr. Dinesh Prasad | Deptt. of E&C |
| 9. Dr. Neelofer Afzal | Deptt. of E&C |
| 10. Ms. Amber Khan | Deptt. of E&C |

The following points were resolved:

1. The minutes of BOS meeting held on 16/11/2015 were confirmed.
2. Appointment of examiners for even semester B.Tech (E&C) 2016 were approved. The list is given in Annexure-I.
3. Allotment of teaching load for odd-semester B.Tech (E&C) & M.Tech (E&C) 2016-17 was approved. Annexure-II.
4. The matter of NBA accreditation of B.Tech (E&C) was discussed and Department felt that we should go for NBA accreditation along with other Departments in the light of letter received from Dean. Prof. M.T. Beg has been appointed as Chief Coordinator for the preparation of NBA accreditation. He is free to select his own team for this purpose.
5. The BOS discussed and approved CBCS based course structure of B.Tech (E&C). Annexure-III.
6. The BOS discussed and approved CBCS based course structure of M.Tech (E&C) (to be started in 2016-17). Annexure-IV.
7. BOS also approved the syllabus for entrance test for M.Tech (E&C). Annexure-V.
8. BOS approved the confirmation of topic of PhD students admitted in the Department of E&C Engg. in 2014. Annexure-VI.

9. Interview of PhD candidates were conducted in front of BOS under VIsvesvaraya scheme. BOS approved the provisional admission of six (06) candidates whose topics and supervisors are listed in Annexure VII. It was observed that out of 14 candidates who reported for interview, one candidate Shri Vivek Yadav S/o Shri Mahendre Pal Singh Yadav did not turn up for the interview before BOS till 5:45 p.m.

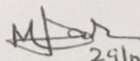
10. BOS members authorized HOD to appoint paper setters for M.Tech entrance test 2016-17.

11. BOS approved the extension of Mr. Md. Rashid Mahmood, PhD scholar for one year after the expiry of regular five years. The details are given below.

Name of Candidate	Date of Registration	Date of Expiry	Supervisor
Md. Rashid Mahmood	22/12/2010	21/12/2015	Prof. M.T. Beg

Topic: "Design and Simulation of Multiband Compact tunable Dielectric Resonator Filter on Novel DGS/EBG surface".

12. Applications of Non-Net scholarship for Ms. Vandana and Ms. Annu Tonk were discussed and approved,


29/03/2016

(Prof. Mainuddin)
Chairman

1. Dean, Faculty of Engineering & Technology, JMI
2. Secretary to Vice-chancellor, JMI
3. Registrar, JMI
4. Controller of Examinations, JMI
5. Prof. M.N. Doja Deptt of Computer Engineering, JMI
6. Prof. A.Q. Ansari Deptt. of Electrical Engineering, JMI
7. Prof. Moinuddin, Dean, Faculty of Management & Information Technology
Jamia Hamdard, Hamdard University, New Delhi-110062
8. Prof. Z.A. Abbasi Deptt. of Electronics AMU
9. Asstt. Registrar (A&C), JMI
10. Asstt. Registrar (Administration), RO
11. All faculty members of the Department

M. TECH. ELECTRONICS AND COMMUNICATION ENGINEERING-I YEAR

M. TECH. ELECTRONICS AND COMMUNICATION ENGINEERING-I YEAR												
No	First Semester											
	Course No.	Course Name	Type of Course	Credit	Periods Per week			Examination Scheme (Distribution of Marks)				
					L	T	P	Mid Semester Evaluation			End Semester Evaluation	Total Marks
							CCA	MSE-1	MSE-2			
01	MEC-101	Random Variables & Stochastic Processes	CBCS	4	3	1	0	10	15	15	60	100
02	MEC-102	Low Power VLSI Design	DC	4	3	1	0	10	15	15	60	100
03	MEC-103	Telecommunication Switching & Networks	AEC C	4	3	1	0	10	15	15	60	100
04	Elective-I	Elective – I	DC	4	3	1	0	10	15	15	60	100
PRACTICAL (LAB.)												
05	MEC-151	Advanced VLSI Lab	SEC	2	0	0	2	30	0	0	20	50
06	MEC-152	Advanced Communication Systems Lab	DC	2	0	0	2	30	0	0	20	50
Total				20			500					
Second Semester												
01	MEC-201	3G/4G Networks & Convergence	DC	4	3	1	0	10	15	15	60	100
02	MEC-202	Advanced Digital Signal Processing	CBCS	4	3	1	0	10	15	15	60	100
03	MEC-203	Modern Instrumentation & Sensors	DC	4	3	1	0	10	15	15	60	100
04	Elective-II	Elective – II	DC	4	3	1	0	10	15	15	60	100
PRACTICAL (LAB.)												
05	MEC-251	Microwave & Optical Communication Lab	SEC	2	0	0	2	30	0	0	20	50
06	MEC-252	Digital Signal Processing Lab	DC	2	0	0	2	30	0	0	20	50
Total				20			Total 500					

Department of Electronics and Communication Engineering,
Faculty of Engineering and Technology, Jamia Millia Islamia, New Delhi-110025

M. TECH. ELECTRONICS AND COMMUNICATION ENGINEERING COURSE STRUCTURE
UNDER THE CHOICE BASED CREDIT SYSTEM (CBCS)
Effective from July 2016

Codes for nature of courses

L: Lecture courses

P: Laboratory Based courses

D: Project based courses leading to desertion (e.g. Major, Minor Project, Training)

S: Seminar/ Independent Study

Category of Courses

DC: Departmental courses

CBCS: Choice based Credit System

SEC: Skill Enhancement Courses

AECC: Ability Enhancement Compulsory Course

Weight age for Course Evaluation

L Lecture **T** Tutorial **P** Practical **CCA** Continuous Class Assessment
MTE Mid Term Exam

M. TECH. ELECTRONICS AND COMMUNICATION ENGINEERING -II YEAR

M. TECH. ELECTRONICS AND COMMUNICATION ENGINEERING -II YEAR												
S.No	Third Semester											
	Course No.	Course Name	Type of Course	Credit	Periods Per week			Examination Scheme (Distribution of Marks)				
					L	T	P	Mid Semester Evaluation			End Semester Evaluation	Total Marks
							CC A	M SE -1	M S E-2			
01	MEC-301	Advanced Signal Processing	CBCS	4	3	1	0	10	15	15	60	100
02	Elective-III	Elective – III	DC	4	3	1	0	10	15	15	60	100
PRACTICAL (LAB./MINOR PROJECT)												
03	MEC-351	Seminar	SEC	6	-	-	6	90	0	0	60	150
04	MEC-352	Minor Project	DC	10	-	-	10	150	0	0	100	250
Total				24							600	
Fourth Semester												
01	MEC-401	Dissertation	DC	16	0	0	16	240	0	0	160	400
Total				16			Total					400

Elective – I

MEC-104 Modern Digital Communication Systems

MEC-105 Information Theory and Coding

MEC-106 Nanoelectronics & Devices

Elective – II

MEC-204 Advanced Computer Networks

MEC-205 FPGA Based System Design

MEC-206 Secure Communication

Elective – III

MEC-302 Digital Image Processing

MEC-303 Advanced Optical Communication

MEC-304 Advanced Embedded Systems