

**MINUTES OF 9th MEETING
OF
BOARD OF STUDIES (BOS)**

**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING
(INSTITUTE OF ENGINEERING &
TECHNOLOGY)**



MAY 17, 2016

06-06-2016

Department of Electronics & Communication Engineering

Minutes of the meeting of the Board of Studies

The meeting of the 9th Board of Studies of Department of Electronics & Communication Engineering was held on May 17, 2016 at 11:00 AM in the office of Head, Deptt. of Electronics & Communication Engineering. Following members attended the meeting.

a) Members of the Department:

Prof. T. N. Sharma
Prof. Vinay Kumar Deolia
Dr. Atul Bansal
Mr. Abhay Chaturvedi
Mr. P.C. Sau
Dr. Vinay Kumar Tomar
Mr. Aasheesh Shukla
Mr. Manish Kumar
Ms. Neha Bansal

b) External expert :

Prof. Ekram Khan

c) Member from other Department:

Prof. Ashish Sharma

Agenda Item-9.1: To confirm the minutes of the 8th Board of Studies meeting Studies held on May 16, 2015

The minutes of the meeting of 8th BoS held on May 16th, 2015 were implemented.

Agenda Item-9.2: To report the action taken on the minutes of 8th meeting of Board of Studies held on May 16, 2015

Approved by Academic Council and implemented. No action pending.

Agenda Item-9.3: Based on the feedback received from students, faculty, employers & alumni the revision/ upgradation/ modification in syllabus of existing courses in various programmes is proposed as follows:

Programme	No. of courses under consideration for revision	Name of courses under consideration for revision
B.Tech. (Electronics & Communication Engineering)	4	<ul style="list-style-type: none"> • Data Network, • Wireless Communication, • Microwave Engineering • Circuits and Systems Lab
M.Tech. (Electronics & Communication Engineering)	5	<ul style="list-style-type: none"> • Image Processing • CMOS Analog IC Design • Signal Processing Lab • Design and Simulation Lab • CMOS RF Integrated Circuits

Members considered and approved the same.

(Annexure I)

Agenda Item-9.4: Proposed modifications in course structure of B. Tech. Second Year, Third Year and Final Year Electronics and Communication Engineering were discussed & approved.

- English for Professional Purposes-I (AHE 3083) & English for Professional Purposes-II (AHE 4083) are added in III and IV semester respectively.
- Industrial Management (MBA 5034) is shifted from V semester to VII semester
- Colloquium (ECE 6083) is removed from VI Semester.
- Credits of Soft Skill III (AHE 5081) and Soft Skill IV (AHE 6081) are increased to 4.

(Annexure-II)

Agenda Item-9.5: Based on the feedback of various stake holders (faculty, alumni, corporate and students) department presented details of new courses to be introduced. After through discussion board approves the same.

(Annexure-III)

Agenda Item-9.6. To consider & approve the list of courses having focuses on Employability/Entrepreneurship/Skill Development


The members considered and approved the list of courses having focuses on Employability/Entrepreneurship/Skill Development in relevant programme.

(Annexure-IV)

Agenda Item-9.7. To consider and approve courses recommended by Training & Development Department for the B. Tech. (Electronics & Communication Engineering).

Training & Development Department of the University recommended to get the syllabi of few courses approved in the Board of Studies Meeting of the department. Same was presented in front of the board. After due discussions, the board approved the same whose details are as follows:

Year & Semester	Code & Title of the Course
II Year, III Sem	AHE 3081: Soft Skills - I
II Year, IV Sem	AHE 4081: Soft Skills - II
III Year, V Sem	AHE 5081: Soft Skills - III
III Year, VI Sem	AHE 6081: Soft Skills - IV


Prof. (Dr.) Vinay Kumar Deolia
Head, Dept. of ECE

Head of Department
Electronics & Communication Engg.
GLA University, Mathura

Enclosures.: As above

CC : PS to Vice-Chancellor for his kind information
Pro-Vice Chancellor
Dean, Academics Affairs
Director, IET
Controller of Examination
Registrar
All members of the Board of Studies

Annexure : IV

Department of Electronics & Communication Engineering

List of courses having focus on employability/ entrepreneurship/ skill development offered by the
Department

Session : 2016-17

S.No.	Name of the Course	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
1	Engineering Mathematics-I	Employability
2	Engineering Physics	Employability
3	Engineering Physics Lab	Employability
4	Engineering Mathematics-II	Employability
5	Engineering Chemistry	Employability
6	Engineering Chemistry Lab	Employability
7	Fundamentals of Computer and Programming	Employability and Skill Development
8	Basic Mechanical Engineering	Employability
9	Applied Mechanics	Employability
10	Electrical Engineering	Employability
11	Electronics Engineering	Employability
12	English Language Skills for Communication - I	Skill Development
13	English Language Lab – I	Skill Development
14	Engineering Workshop Practice Lab	Skill Development
15	Engineering Drawing	Skill Development
16	Computer Programming Lab - I	Skill Development
17	Electrical and Electronics Lab	Skill Development
18	Applied Mechanics Lab	Employability and Skill Development
19	Problem Solving using Computers	Employability and Skill Development
20	English Language Skills for Communication - II	Skill Development
21	English Language Lab – II	Skill Development
22	Computer Programming Lab - II	Skill Development
23	Engineering Mathematics-III	Employability
24	Digital Electronics	Employability
25	Electromagnetic Field Theory	Employability
26	Semiconductor Materials and Devices	Employability
27	Network Analysis and Synthesis	Employability
28	Soft Skills I	Skills development
29	Digital Electronics Lab	Employability and Skill Development
30	Electronics Workshop and PCB Lab	Skill Development
31	English for Professional Purposes-I	Skill Development
32	Electronic Devices and Circuits	Employability
33	Signals and Systems	Employability
34	Microprocessors and Applications	Employability
35	Electronic Measurement and Instrumentation	Employability
36	Data Structures and Applications	Employability
37	Soft Skills II	Skills development
38	Electronics Lab	Skill Development
39	Circuits and Systems Lab	Skill Development
40	Microprocessor Lab	Employability and Skill Development
41	Data Structures Lab	Employability and Skill Development
42	English for Professional Purposes-II	Skill Development
43	Communication Engineering	Employability
44	Linear Integrated Circuits	Employability

Department of Electronics & Communication Engineering

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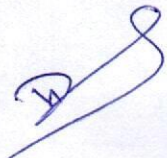
S.No.	Name of the Course	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
45	Control System	Employability
46	Antenna and Wave Propagation	Employability
47	Object Oriented Programming using C++	Employability
48	Soft Skills III	Skills development
49	Communication Lab	Employability and Skill Development
50	Integrated Circuit Lab	Employability and Skill Development
51	Control System Lab	Employability and Skill Development
52	C++ Programming Lab	Employability and Skill Development
53	Digital Communication	Employability
54	VLSI Design	Employability
55	Microwave Engineering	Employability
56	Data Network	Employability
57	Essentials of Information Technology	Employability
58	Soft Skills IV	Skills development
59	Digital Communication Lab	Employability
60	CAD of Electronics Lab	Employability
61	Information Technology Lab	Employability
62	Industrial Management	Entrepreneurship
63	Digital Signal Processing	Employability
64	Wireless Communication	Employability
65	Digital Signal Processing Lab	Employability and Skill Development
66	Project-I	Employability and Skill Development
67	Industrial Training	Skill Development
68	Optical Communication and Networks	Employability
69	Microwave and Optical Communication Lab	Employability
70	Project-II	Employability and Skill Development
71	High Speed Semiconductor Devices	Employability
72	Embedded Systems	Employability
73	Digital Image Processing	Employability
74	Artificial Neural Network	Employability
75	Satellite Communication	Employability
76	Telecommunication Switching	Employability
77	Digital System Design using VHDL	Employability
78	Introduction to Electric Drives	Employability
79	Information Theory and Coding	Employability
80	Spread Spectrum System	Employability
81	VLSI Testing and Testability	Employability
82	Digital Control System	Employability
83	Multi Carrier Communication	Employability
84	Integrated Circuit Technology	Employability
85	RF Integrated Circuits	Employability
86	Soft Computing	Employability
87	Non-Conventional Energy Resources	Employability
88	Entrepreneurship	Entrepreneurship

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S.No.	Name of the Course	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development
89	Adaptive Signal Processing	Employability
90	Communication Techniques	Employability
91	CMOS Analog IC Design	Employability
92	Digital Hardware Design	Employability
93	Image Processing	Employability
94	Signal Processing Lab	Employability and Skill Development
95	Low Power VLSI Design	Employability
96	Intelligent Systems and Control	Employability
97	RF and Microwave Techniques	Employability
98	Design & Simulation Lab	Employability and Skill Development
99	Communication Lab	Employability and Skill Development
100	Colloquium	Employability
101	Seminar	Employability
102	Embedded Systems	Employability
103	Information Theory and Coding	Employability
104	Application Specific Integrated Circuits	Employability
105	Optimal Control System	Employability
106	Satellite Communication	Employability
107	Advanced Data Network	Employability
108	Speech Processing	Employability
109	CMOS RF Integrated Circuits	Employability
110	Optoelectronic Devices	Employability
111	VLSI Testing and Testability	Employability
112	Biomedical Signal Processing	Employability
113	Wireless Communication and Networks	Employability
114	Dissertation-I	Employability and Skill Development
115	Dissertation- II	Employability and Skill Development
116	CAD for VLSI Circuits	Employability
117	Research Methodolgy	Employability


 Head of Department
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