

ATMIYA UNIVERSITY, RAJKOT
Board of Studies
Faculty of Engineering & Technology
Department of Electronics & Communication Engineering

Date: 27.04.2019

Time: 10:15 AM

Venue: First Floor, Library and Learning Center-AITS Building

Minutes of Meeting

BoS Members:

S.N.	Name	Membership	Present/Absent
1.	Dr. Ashish M. Kothari	Chairperson	Present
2.	Dr. Vishal S. Vora	Member Secretary	Present
3.	Dr. Ved Vyas Dwivedi	Member- Academics	Present
4.	Dr. C. H. Vithlani	Member- Academics	Present
5.	Dr. D.D. Vyas	Member- Academics	Present
6.	Mr. Paresh Babariya	Member- Industry	Present
7.	Mr. Kandarp Parekh	Member- Industry	Present
8.	Mr. Jayvir Rathod	Member- Alumni	Present
9.	Dr. K.R. Borisagar	Member	Present
10.	Mr. Y. N. Makwana	Member	Present
11.	Mr. T. J. Mehta	Member	Present



AGENDA:

Resolutions are required from all the Boards of Studies on the following:

1. Regulations for
 - a) Doctoral Programme
2. Scheme of Instruction and Examination for **all semesters**
 - a) Doctoral Programme
3. Syllabi for **core** courses
 - a) UG Programmes – (3rd to 8th Semester)
 - b) PG Programmes – (3rd to 4th Semester)
 - c) Doctoral Programmes – (1st and 2nd Semester)
4. The syllabi for Co Curricular Courses (CoC)
5. The syllabi for Generic Electives
6. List of Paper Setters and Examiners
7. List of New Courses introduced
8. Any other agenda with the permission of the Chair

Minutes of Meeting

The BoS in Electronics & Communication Engineering met as indicated above, and discussed on the above Agenda. Sharing the expertise of all the members and with very proactive inputs, the members **unanimously** resolved the following for students admitted from **AY 2018-2019 & onwards:**

1. The Regulations **framed** for the below stated programmes **be approved.**
 - a. PhD - Electronics & Communication Engineering (**Enclosure - IC**)
2. The scheme of Instruction & Examinations **framed** for all semesters of the below stated Programmes **be approved.**
 - a. PhD - Electronics & Communication Engineering (**Enclosure - IIC**)
3. The syllabi **framed** for the courses of the **all semesters** of the below stated programmes **be approved.**
 - a. PhD - Electronics & Communication Engineering (**Enclosure - IIIC**)

The syllabi **framed** for the below stated **DSE - Allied courses of all semesters be approved** as indicated.



A. UG Programmes

Sr. No.	Course	Hrs/ Week	Cr.	Offered to	Sem.
1	Digital Electronics- (TH)	3	3	<ul style="list-style-type: none">• Computer Engineering• Information Technology	3
2	Digital Electronics-(PR)	2	1	<ul style="list-style-type: none">• Computer Engineering• Information Technology	3

(Enclosure-IVA)

4. The syllabi **framed** for the below stated **Co-Curricular Course of 3rd to 4th semester** be approved as indicated.

A. UG Programmes

Sr. No.	Course	Total Hrs	Credit	Offered to	Sem.
1	Decentralized Solar Panel System (TH)	96	1	All the branches in Atmiya University except Computer Engineering	3 & 4

(Enclosure-VIA)

5. The syllabi **framed** for the below stated **Generic Elective Course of 5th & 6th semester in UG & 3rd semester in PG** be approved as indicated.

A. UG Programmes

Sr. No.	Course	Hrs/ Week	Credit	Offered to	Sem.
a.	Fundamental of Electronics	2	1	All the branches in Atmiya University except Computer Engineering	5
b.	Introduction to Communication	2	1	All the branches in Atmiya University except Computer Engineering	6

(Enclosure-VIIA)

B. PG Programmes

Sr. No.	Course	Hrs/ Week	Credit	Offered to	Sem.
a.	Introduction to Embedded	2	1	All the branches in Atmiya University except	3



	Programming			Computer Engineering	
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(Enclosure-VIIB)

6. The members **unanimously resolved to authorize** the Chairperson of the BoS to finalize on the following:
- a. B.Tech - List of paper setters and examiners for courses **of all semesters**
(Enclosure-VIII A)
 - b. M.Tech - List of paper setters and examiners for courses **of all semesters**
(Enclosure-VIII B)
 - c. PhD - List of paper setters and examiners for courses **of all semesters**
(Enclosure-VIII C)
7. **Total New Courses framed vide above agenda points are 85. (Enclosure IX)**



Attendance

Sr. No.	Name of Member	Present/Absent
1.	Dr. Ashish M. Kothari	Present
2.	Dr. Vishal S. Vora	Present
3.	Dr. Ved Vyas Dwivedi	Present
4.	Dr. C. H. Vitlani	Present
5.	Dr. D.D. Vyas	Present
6.	Mr. Paresh Babariya	Present
7.	Mr. Kandarp Parekh	Present
8.	Mr. Jayvir Rathod	Present
9.	Dr. K.R. Borisagar	Present
10.	Mr. Y. N. Makwana	Present
11.	Mr. T. J. Mehta	Present


Chairman

Board of Studies – Electronics & Communication Engineering
Atmiya University

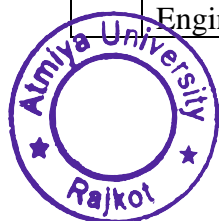




Registrar
Atmiya University
Rajkot

List of New Courses framed

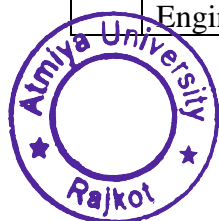
Sr.	Program Name	Course Name	Course Code	Year of Introduction
1	B. Tech. Electronics and Communication Engineering	Core 16: Advanced Signal Processing	18BTECCC701	2021-2022
2	B. Tech. Electronics and Communication Engineering	Core 17: Wireless and Mobile Communication	18BTECCC702	2021-2022
3	B. Tech. Electronics and Communication Engineering	Core: 18 VLSI Design	18BTECCC703	2021-2022
4	B. Tech. Electronics and Communication Engineering	DSE-Core 3: Application Development	18BTECDC701	2021-2022
5	B. Tech. Electronics and Communication Engineering	DSE-Core 3: FPGA Design	18BTECDC702	2021-2022
6	B. Tech. Electronics and Communication Engineering	DSE-Core 3: PLC / SCADA	18BTECDC703	2021-2022
7	B. Tech. Electronics and Communication Engineering	Practical Core 19: Advanced Signal Processing	18BTECCC704	2021-2022
8	B. Tech. Electronics and Communication Engineering	Practical Core 20: Wireless and Mobile Communication	18BTECCC705	2021-2022
9	B. Tech. Electronics and Communication Engineering	Practical Core 21: VLSI Design	18BTECCC706	2021-2022
10	B. Tech. Electronics and Communication Engineering	DSE-Core Practical 3: Application Development	18BTECDC704	2021-2022
11	B. Tech. Electronics and Communication Engineering	DSE-Core Practical 3: FPGA Design	18BTECDC705	2021-2022
12	B. Tech. Electronics and Communication Engineering	DSE-Core Practical 3: PLC / SCADA	18BTECDC706	2021-2022
13	B. Tech. Electronics and Communication Engineering	Major Project / Industrial Training/ Internship	18BTECCC707	2021-2022
14	B. Tech. Electronics and Communication Engineering	Core 19: Digital Image and Speech Processing	18BTECC801	2021-2022
15	B. Tech. Electronics and Communication Engineering	Core 20: GPS and RADAR	18BTECC802	2021-2022



Sr.	Program Name	Course Name	Course Code	Year of Introduction
16	B. Tech. Electronics and Communication Engineering	Practical Core 22: Digital Image and Speech Processing	18BTECC803	2021-2022
17	B. Tech. Electronics and Communication Engineering	Practical Core 23: GPS and RADAR	18BTECC804	2021-2022
18	B. Tech. Automation & Robotics	Practical Core 11: Analog Communication	20BTARCC401	2021-2022
19	B. Tech. Electronics and Communication Engineering	Core 8: AVR Microcontroller	18BTECCC501	2020-2021
20	B. Tech. Electronics and Communication Engineering	Core 9: Electromagnetic Field Theory & Transmission Lines	18BTECCC502	2020-2021
21	B. Tech. Electronics and Communication Engineering	Core 10 Data Communication and Networks	18BTECCC503	2020-2021
22	B. Tech. Electronics and Communication Engineering	Core 11 Electronics Measurements & Instrumentation (Self Study)	18BTECCC504	2020-2021
23	B. Tech. Electronics and Communication Engineering	Core 12 Computer Based Test	18BTECCC505	2020-2021
24	B. Tech. Electronics and Communication Engineering	DSE-Core 1: Python Programming	18BTECDC501	2020-2021
25	B. Tech. Electronics and Communication Engineering	DSE-Core 1: Control System Engineering	18BTECDC502	2020-2021
26	B. Tech. Electronics and Communication Engineering	DSE-Core 1: Communication Systems and Applications	18BTECDC503	2020-2021
27	B. Tech. Electronics and Communication Engineering	Practical Core 13:AVR Microcontroller	18BTECCC506	2020-2021
28	B. Tech. Electronics and Communication Engineering	Practical Core 14: Electromagnetic Field Theory & Transmission Lines	18BTECCC507	2020-2021
29	B. Tech. Electronics and Communication Engineering	Practical Core 15: Data Communication and Networks	18BTECCC508	2020-2021
30	B. Tech. Electronics and Communication Engineering	DSE-Core Practical 1: Python Programming	18BTECDC504	2020-2021
31	B. Tech. Electronics and Communication Engineering	DSE-Core Practical 1: Control System Engineering	18BTECDC505	2020-2021
32	B. Tech. Electronics and Communication	DSE-Core Practical 1: Communication Systems and	18BTECDC506	2020-2021



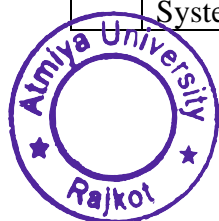
Sr.	Program Name	Course Name	Course Code	Year of Introduction
	Engineering	Applications		
33	B. Tech. Electronics and Communication Engineering	Mini Project / Industrial Training/ Internship	18BTECCC509	2020-2021
34	B. Tech. Electronics and Communication Engineering	Core 13: Antenna Design	18BTECCC601	2020-2021
35	B. Tech. Electronics and Communication Engineering	Core 14: Power Electronics	18BTECCC602	2020-2021
36	B. Tech. Electronics and Communication Engineering	Core 15: Signals & Systems	18BTECCC603	2020-2021
37	B. Tech. Electronics and Communication Engineering	DSE-Core 2: Web Development	18BTECDC601	2020-2021
38	B. Tech. Electronics and Communication Engineering	DSE-Core 2:: Advance Processors	18BTECDC602	2020-2021
39	B. Tech. Electronics and Communication Engineering	DSE Allied 7: Engineering Economics & Business Management	18BTECDA601	2020-2021
40	B. Tech. Electronics and Communication Engineering	Practical Core 16: Antenna Design	18BTECCC604	2020-2021
41	B. Tech. Electronics and Communication Engineering	Practical Core 17: Power Electronics	18BTECCC605	2020-2021
42	B. Tech. Electronics and Communication Engineering	Practical Core 18: Signals & Systems	18BTECCC606	2020-2021
43	B. Tech. Electronics and Communication Engineering	DSE-Core Practical 2: Web Development	18BTECDC603	2020-2021
44	B. Tech. Electronics and Communication Engineering	DSE-Core Practical 2: Advance Processors	18BTECDC604	2020-2021
45	B. Tech. Electronics and Communication Engineering	Mini Project / Industrial Training/ Internship	18BTECCC607	2020-2021
46	B. Tech. Electronics and Communication Engineering	Core 2: Circuits and Networks	18BTECCC301	2019-2020
47	B. Tech. Electronics and Communication Engineering	Core 3: Digital Electronics	18BTECCC302	2019-2020
48	B. Tech. Electronics and Communication Engineering	DSE-Allied 6: Electrical Machine	18BTECDA301	2019-2020



Sr.	Program Name	Course Name	Course Code	Year of Introduction
49	B. Tech. Electronics and Communication Engineering	Practical Core 4: Circuits and Networks Practical	18BTECCC303	2019-2020
50	B. Tech. Electronics and Communication Engineering	Practical Core 5: Digital Electronics	18BTECCC304	2019-2020
51	B. Tech. Electronics and Communication Engineering	Practical DSE-Allied-7: Electrical Machine	18BTECDA302	2019-2020
52	B. Tech. Electronics and Communication Engineering	Practical Core 6 PCB Design & Development Part - 2	18BTECCC305	2019-2020
53	B. Tech. Electronics and Communication Engineering	Practical Core 7 Arduino Programming	18BTECCC306	2019-2020
54	B. Tech. Electronics and Communication Engineering	Core 4: Advanced Electronics	18BTECCC401	2019-2020
55	B. Tech. Electronics and Communication Engineering	Core 5: Microprocessor and Interfacing	18BTECCC402	2019-2020
56	B. Tech. Electronics and Communication Engineering	Core 6: Linear Integrated Circuits	18BTECCC403	2019-2020
57	B. Tech. Electronics and Communication Engineering	Core 7: Analog Communication	18BTECCC404	2019-2020
58	B. Tech. Electronics and Communication Engineering	Practical Core 8: Advanced Electronics	18BTECCC405	2019-2020
59	B. Tech. Electronics and Communication Engineering	Practical Core 9: Microprocessor and Interfacing	18BTECCC406	2019-2020
60	B. Tech. Electronics and Communication Engineering	Practical Core 10: Linear Integrated Circuits	18BTECCC407	2019-2020
61	B. Tech. Electronics and Communication Engineering	Practical Core 11: Analog Communication	18BTECCC408	2019-2020
62	B. Tech. Electronics and Communication Engineering	Practical Core 12 Sensor Technology	18BTECCC409	2019-2020
63	M.Tech. Electronics & Communication (Communication System Engineering)	Core 7: Advanced Embedded System Design	18MECCCC301	2019-2020
64	M.Tech. Electronics & Communication (Communication)	Core 8: Basics of IoT (Self Study)	18MECCCC302	2019-2020



Sr.	Program Name	Course Name	Course Code	Year of Introduction
	System Engineering)			
65	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core 1: RF & Microwave	18MECCDC301	2019-2020
66	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core 1: Advanced Image Processing	18MECCDC302	2019-2020
67	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core 1: Telecom Switching Systems & Networks	18MECCDC303	2019-2020
68	M.Tech. Electronics & Communication (Communication System Engineering)	Core Practical 8: Advanced Embedded System Design	18MECCDC303	2019-2020
69	M.Tech. Electronics & Communication (Communication System Engineering)	Core Practical 9: Dissertation Phase -I	18MECCDC304	2019-2020
70	M.Tech. Electronics & Communication (Communication System Engineering)	Core Practical 10: Introduction to Robotics	18MECCDC305	2019-2020
71	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core Practical 1: RF & Microwave	18MECCDC304	2019-2020
72	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core Practical 1: Advanced Image Processing	18MECCDC305	2019-2020
73	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core Practical 1: Telecom Switching Systems & Networks	18MECCDC306	2019-2020
74	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core 2: Internet Technology	18MECCDC401	2019-2020
75	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core 2: ASIC Design	18MECCDC402	2019-2020
76	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core 2: Adaptive Signal Processing	18MECCDC403	2019-2020



Sr.	Program Name	Course Name	Course Code	Year of Introduction
77	M.Tech. Electronics & Communication (Communication System Engineering)	Core Practical 11: Mid Semester Dissertation	18MECCCC401	20192020
78	M.Tech. Electronics & Communication (Communication System Engineering)	Core Practical 12: Dissertation Phase II	18MECCCC402	20192020
79	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core Practical 2: Internet Technology	18MECCDC404	20192020
80	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core Practical 2: ASIC Design	18MECCDC405	20192020
81	M.Tech. Electronics & Communication (Communication System Engineering)	DSE-Core Practical 2: Adaptive Signal Processing	18MECCDC406	20192020
82	M.Tech. Electronics & Communication (Communication System Engineering)	CEC 1: Online / Professional Certification Courses / Short Term Course	18MECCCE01	20192020
83	M.Tech. Electronics & Communication (Communication System Engineering)	CEC 2: Online / Professional Certification Courses / Short Term Course	18MECCCE02	20192020
84	All UG Programs	SEG-II: CoC -Decentralized Solar Power System	18AECO006	20192020
85	All PG Programs	GE 1: Introduction to Embedded System Programming	18MECCGE301	20192020



Registrar
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