

**ATMIYA UNIVERSITY, RAJKOT**  
**Board of Studies**  
**Faculty of Engineering & Technology**  
**Department of Computer Engineering**

Date: 27.04.2019

Time: 08:30 AM

Venue: Ground Floor Faculty Library and Learning Center-AITS Building

**Minutes of Meeting**

**BoS Members:**

Sr. No.	Name	Membership	Present/Absent
1.	Ms. Tosal M. Bhalodia	Chair Person	Present
2.	Dr. Amit Ganatra	Member - Academics	Leave of absence
3.	Dr. Sanjay Garg	Member - Academics	Leave of absence
4.	Dr. Maulika Patel	Member - Academics	Leave of absence
5.	Mr. Divyang Metaliya	Member-Industry	Present
6.	Mr. Hiren Kamani	Member-Industry	Present
7.	Mr. Bhavesh Gadhethariya	Member-Alumni	Present
8.	Mr. Rajesh H. Davda	Member	Present
9.	Mr. Pratik B. Chauhan	Member	Present
10.	Mr. Ankit K. Kalariya	Member	Present
11.	Ms. Debalina A. Nandy	Member	Present



## **AGENDA:**

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

1. Regulations for
  - a) UG Programmes
  - b) PG Programmes
  - c) Doctoral Programmes
2. Scheme of Instruction and Examinations for **all semesters**
  - a) UG Programmes
  - b) PG Programmes
  - c) Doctoral Programmes
3. Syllabi for **core** courses for all Semester
  - a) UG Programmes
  - b) PG Programmes
  - c) Doctoral Programmes
4. DSE - Allied Courses (**if being** offered to **other** programmes in all semesters)
5. The syllabi for Value Added Courses (VAC)
6. The syllabi for Co Curricular Courses (CoC)
7. The syllabi for Generic Electives
8. List of Paper Setters and Examiners
9. List of New Courses framed
10. Any Other

## **Minutes of Meeting**

The BoS in **Computer 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. B.Tech. – Computer Engineering (**Enclosure - IA**)
  - b. M.Tech. – Computer Engineering (Software Engineering) (**Enclosure - IB**)
  - c. PhD - Computer Engineering (**Enclosure - IC**)
2. The scheme of Instruction & Examinations **framed** for all semesters of the below stated Programmes **be approved.**
  - a. B.Tech. – Computer Engineering (**Enclosure - IIA**)



- b. M.Tech. – Computer Engineering (Software Engineering) (**Enclosure - IIB**)
- c. PhD - Computer Engineering(**Enclosure - IIC**)
3. The syllabi **framed** for the courses of the **all semesters** of the below stated programmes **be approved**.
- a. B.Tech. – Computer Engineering (**Enclosure - IIIA**)
- b. M.Tech. – Computer Engineering (Software Engineering) (**Enclosure - IIIB**)
- c. PhD - Computer Engineering(**Enclosure - IIIC**)
4. 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.
a.	Computer Programming (TH)	3	4	<ul style="list-style-type: none"> <li>• Mechanical Engineering</li> <li>• Civil Engineering</li> </ul>	1
b.	Computer Programming (PR)	2	1	<ul style="list-style-type: none"> <li>• Mechanical Engineering</li> <li>• Civil Engineering</li> </ul>	1
c.	Computer Programming (TH)	3	4	<ul style="list-style-type: none"> <li>• Electronics &amp; Communication Engineering</li> </ul>	2
d.	Computer Programming (PR)	2	1	<ul style="list-style-type: none"> <li>• Electronics &amp; Communication Engineering</li> </ul>	2

(Enclosure-IVA)

**B. PG Programmes**

Sr. No.	Course	Hrs/ Week	Cr.	Offered to	Sem.
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a.	Object Oriented Programming Structure (TH)	3	3	<ul style="list-style-type: none"> <li>• Civil Engineering (Transportation Engineering)</li> <li>• Electronics &amp; Communication Engineering (Communication System Engineering)</li> <li>• Mechanical Engineering (CAD/CAM)</li> <li>• Mechanical Engineering (Production Engineering)</li> </ul>	1
b.	Object Oriented Programming Structure (PR)	2	1	<ul style="list-style-type: none"> <li>• Civil Engineering (Transportation Engineering)</li> <li>• Electronics &amp; Communication Engineering (Communication System Engineering)</li> <li>• Mechanical Engineering (CAD/CAM)</li> <li>• Mechanical Engineering (Production Engineering)</li> </ul>	1
c.	Web Development (TH)	3	3	<ul style="list-style-type: none"> <li>• Civil Engineering (Transportation Engineering)</li> <li>• Electrical Engineering (Power Electronics &amp; Electrical Drives)</li> <li>• Electronics &amp; Communication Engineering (Communication System Engineering)</li> <li>• Mechanical Engineering (CAD/CAM)</li> <li>• Mechanical Engineering (Production Engineering)</li> </ul>	2



d.	Web Development (PR)	2	1	<ul style="list-style-type: none"> <li>• Civil Engineering (Transportation Engineering)</li> <li>• Electrical Engineering (Power Electronics &amp; Electrical Drives)</li> <li>• Electronics &amp; Communication Engineering (Communication System Engineering)</li> <li>• Mechanical Engineering (CAD/CAM)</li> <li>• Mechanical Engineering (Production Engineering)</li> </ul>	2
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**(Enclosure-IVB)**

5. The syllabi **framed** for the below stated **Value Added Course of 2<sup>nd</sup> semester be approved** as indicated.

**A. UG Programmes**

Sr. No.	Course	Total Hrs	Credit	Offered to	Sem.
a.	Internet Technology (PR)	40	1	All the branches in Atmiya University except Computer Engineering	2

**(Enclosure-VA)**

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

**A. UG Programmes**

Sr. No.	Course	Total Hrs	Credit	Offered to	Sem.
a.	Animation & Multimedia (TH)	96	1	All the branches in Atmiya University except Computer Engineering	3 & 4

**(Enclosure-VIA)**

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

**UG Programmes**



Sr. No.	Course	Hrs/Week	Credit	Offered to	Sem.
a.	Fundamentals of Computer Network	2	1	All the branches in Atmiya University except Computer Engineering	5
b.	System Analysis & Design	2	1	All the branches in Atmiya University except Computer Engineering	6

(Enclosure-VIIA)

### B. PG Programmes



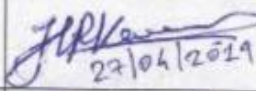


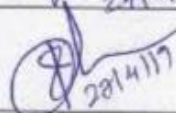

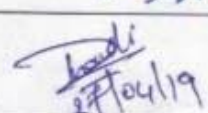
Sr. No.	Course	Hrs/Week	Credit	Offered to	Sem.
a.	Database Management	2	1	All the branches in Atmiya University except Computer Engineering	3

(Enclosure-VIIB)

8. 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)
9. **Total New Courses framed vide above agenda points are 72. (Enclosure IX)**



## Attendance

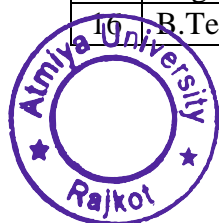
Sr. No.	Name of Member	Signature with Date
1.	Ms. Tosal M. Bhalodia	 27/04/19
2.	Dr. Amit Ganatra	leave of absence
3.	Dr. Sanjay Garg	leave of absence
4.	Dr. Maulika Patel	leave of absence
5.	Mr. Divyang Metaliya	 27-04-2019
6.	Mr. Hiren Kamani	 27/04/2019
7.	Mr. Bhavesh Gadhetariya	 27/04/19
8.	Mr. Rajesh H. Davda	 27/4/19
9.	Mr. Pratik B. Chauhan	 28/4/19
10.	Mr. Ankit K. Kalariya	 27/4/19
11.	Ms. Debalina A. Nandy	 27/04/19



**Registrar**  
**Atmiya University**  
**Rajkot**

## List of New Courses framed

Sr.	Program Name	Course Name	Course Code	Year of Introduction
1	B.Tech. Computer Engineering	Core 18: Mobile Computing and Wireless Network	18BTCECC701	2021-2022
2	B.Tech. Computer Engineering	Core 19: Information & Network Security	18BTCECC702	2021-2022
3	B.Tech. Computer Engineering	Core 20: Compiler Design	18BTCECC703	2021-2022
4	B.Tech. Computer Engineering	DSE-Core 1: Advanced .NET	18BTCEDC701	2021-2022
5	B.Tech. Computer Engineering	DSE-Core 1: Advance Java	18BTCEDC702	2021-2022
6	B.Tech. Computer Engineering	Core Practical 15: Mobile Computing and Wireless Network	18BTCECC704	2021-2022
7	B.Tech. Computer Engineering	Core Practical 16: Information & Network Security	18BTCECC705	2021-2022
8	B.Tech. Computer Engineering	Core Practical 17: Compiler Design	18BTCECC706	2021-2022
9	B.Tech. Computer Engineering	DSE-Core 1: Advanced Web Programming	18BTCEDC703	2021-2022
10	B.Tech. Computer Engineering	DSE-Core 1: Cloud Computing	18BTCEDC704	2021-2022
11	B.Tech. Computer Engineering	DSE-Core Practical 1: Advanced .NET	18BTCEDC705	2021-2022
12	B.Tech. Computer Engineering	DSE-Core Practical 1: Advanced JAVA	18BTCEDC706	2021-2022
13	B.Tech. Computer Engineering	DSE-Core Practical 1: Advanced Web Programming	18BTCEDC707	2021-2022
14	B.Tech. Computer Engineering	DSE-Core Practical 1: Cloud Computing	18BTCEDC708	2021-2022
15	B.Tech. Computer Engineering	Core 21: Data Mining & Data Warehousing	18BTCECC801	2021-2022
	B.Tech.	Core 22: Artificial Intelligence	18BTCECC802	2021-2022





Sr.	Program Name	Course Name	Course Code	Year of Introduction
	Computer Engineering			
17	B.Tech. Computer Engineering	DSE-Core 2: Distributed DBMS	18BTCEDC801	2021-2022
18	B.Tech. Computer Engineering	DSE-Core 2: Internet of Things	18BTCEDC802	2021-2022
19	B.Tech. Computer Engineering	DSE-Core 2: Big Data Analytics	18BTCEDC803	2021-2022
20	B.Tech. Computer Engineering	Core Practical 18: Data Mining & Data Warehousing	18BTCECC803	2021-2022
21	B.Tech. Computer Engineering	Core Practical 19: Artificial Intelligence	18BTCECC804	2021-2022
22	B.Tech. Computer Engineering	Core 9: Analysis & Design of Algorithms	18BTCECC501	2020-2021
23	B.Tech. Computer Engineering	Core 10: Object Oriented Programming using JAVA	18BTCECC502	2020-2021
24	B.Tech. Computer Engineering	Core 11: Software Engineering	18BTCECC503	2020-2021
25	B.Tech. Computer Engineering	Core 12: Advance Computer Network (Self Study)	18BTCECC504	2020-2021
26	B.Tech. Computer Engineering	Core 13: Computer Based Test	18BTCECC505	2020-2021
27	B.Tech. Computer Engineering	Core Practical 9: Analysis & Design of Algorithms	18BTCECC506	2020-2021
28	B.Tech. Computer Engineering	Core Practical 10: Object Oriented Programming using JAVA	18BTCECC507	2020-2021
29	B.Tech. Computer Engineering	Mini Project/ Industrial Training/ Internship	18BTCECC508	2020-2021
30	B.Tech. Computer Engineering	Core 14: .NET Technology	18BTCECC601	2020-2021
31	B.Tech. Computer Engineering	Core 15: Python Programming	18BTCECC602	2020-2021
32	B.Tech. Computer	Core 16: Theory of Computation	18BTCECC603	2020-2021



Sr.	Program Name	Course Name	Course Code	Year of Introduction
	Engineering			
33	B.Tech. Computer Engineering	Core 17: Microcontroller and Interfacing	18BTCECC604	2020-2021
34	B.Tech. Computer Engineering	DSE-Allied 7: Economics & Business Management	18BTCEDA601	2020-2021
35	B.Tech. Computer Engineering	Core Practical 11: .NET Technology	18BTCECC605	2020-2021
36	B.Tech. Computer Engineering	Core Practical 12: Python Programming	18BTCECC606	2020-2021
37	B.Tech. Computer Engineering	Core Practical 13: Microcontroller and Interfacing	18BTCECC607	2020-2021
38	B.Tech. Computer Engineering	Core Practical 14: Cyber Security	18BTCECC608	2020-2021
39	B.Tech. Computer Engineering	Mini Project/ Industrial Training/ Internship	18BTCECC609	2020-2021
40	All UG Programs	GE 1: Fundamentals of Computer Network	18BTCEGE501	2020-2021
41	All UG Programs	GE 2: System Analysis & Design	18BTCEGE601	2020-2021
42	B.Tech. Computer Engineering	Core 2: Database Management System	18BTCECC301	2019-2020
43	B.Tech. Computer Engineering	Core 3: Data Structure	18BTCECC302	2019-2020
44	B.Tech. Computer Engineering	Core 4: Computer Organization	18BTCECC303	2019-2020
45	B.Tech. Computer Engineering	DSE-Allied 6: Digital Electronics	18BTCEDA301	2019-2020
46	B.Tech. Computer Engineering	Core Practical 3: Database Management System Practical	18BTCECC304	2019-2020
47	B.Tech. Computer Engineering	Core Practical 4: Data Structure Practical	18BTCECC305	2019-2020
48	B.Tech. Computer Engineering	DSE-Allied Practical 8: Digital Electronics Practical	18BTCEDA302	2019-2020
49	B.Tech. Computer	Core 5: Operating System	18BTCECC401	2019-2020



Sr.	Program Name	Course Name	Course Code	Year of Introduction
	Engineering			
50	B.Tech. Computer Engineering	Core 6: Computer Network	18BTCECC402	2019-2020
51	B.Tech. Computer Engineering	Core 7: Object Oriented Programming using C++	18BTCECC403	2019-2020
52	B.Tech. Computer Engineering	Core 8: Web Programming	18BTCECC404	2019-2020
53	B.Tech. Computer Engineering	Core Practical 5: Operating System Practical	18BTCECC405	2019-2020
54	B.Tech. Computer Engineering	Core Practical 6: Computer Network Practical	18BTCECC406	2019-2020
55	B.Tech. Computer Engineering	Core Practical 7: Object Oriented Programming using C++ Practical	18BTCECC407	2019-2020
56	B.Tech. Computer Engineering	Core Practical 8: Web Programming Practical	18BTCECC408	2019-2020
57	M.Tech. Computer Engineering (Software Engineering)	Core 8: Multicore Architecture (Self Study)	18MCESCC301	2019-2020
58	M.Tech. Computer Engineering (Software Engineering)	DSE Core 1: IOT Technology & Application	18MCESDC302	2019-2020
59	M.Tech. Computer Engineering (Software Engineering)	DSE-Core 1: Deep Learning	18MCESDC301	2019-2020
60	M.Tech. Computer Engineering (Software Engineering)	DSE-Core Practical 1: Deep Learning Practical	18MCESDC303	2019-2020
61	M.Tech. Computer Engineering (Software Engineering)	DSE Core Practical 1: IOT Technology & Application Practical	18MCESDC304	2019-2020
62	M.Tech. Computer	Core Practical 9: Dissertation Phase-I	18MCESCC302	2019-2020



Sr.	Program Name	Course Name	Course Code	Year of Introduction
	Engineering (Software Engineering)			
63	M.Tech. Computer Engineering (Software Engineering)	DSE-Core 2: Distributed DBMS	18MCESDC401	2019-2020
64	M.Tech. Computer Engineering (Software Engineering)	DSE-Core 2: Software Engineering Methodologies	18MCESDC402	2019-2020
65	M.Tech. Computer Engineering (Software Engineering)	Core Practical 10: Mid Semester Dissertation	18MCESCC401	2019-2020
66	M.Tech. Computer Engineering (Software Engineering)	Core Practical 11: Dissertation Phase -II	18MCESCC402	2019-2020
67	M.Tech. Computer Engineering (Software Engineering)	DSE-Core Practical 2: Distributed DBMS	18MCESDC403	2019-2020
68	M.Tech. Computer Engineering (Software Engineering)	DSE-Core Practical 2: Software Engineering Methodologies	18MCESDC404	2019-2020
69	M.Tech. Computer Engineering (Software Engineering)	CEC 1: Online / Professional Certification Courses / Short Term Course	18MCESCE01	2019-2020
70	M.Tech. Computer Engineering (Software Engineering)	CEC 2: Online / Professional Certification Courses / Short Term Course	18MCESCE02	2019-2020
71	All UG Programs	SEC-II: CoC -Animation & Multimedia	18AECO002	2019-2020
72	All UG Programs	GE 1: Database Management	18MCESGE301	2019-2020

**Registrar**

**Atmiya University  
Rajkot**

