

ATMIYA UNIVERSITY, RAJKOT

Board of Studies

Faculty of Engineering & Technology

Department of Civil Engineering

Date: 27.04.2019

Time: 08:30 am onwards

Venue: Library & Learning center (1st Floor-Library)

Minutes of Meeting

BoS Members:

S.N.	Name	Membership	Present/Absent
1.	Mr. Hemant G. Sonkusare	Chair Person	Present
2.	Dr. Sanjay B. Joshi	Member - Academics	Present
3.	Prof. Asha M. Joshi	Member - Academics	Present
4.	Prof.Gaurav Agrawal	Member - Academics	Absent
5.	Mr. K.B.Kagathara	Member - Industry	Absent
6.	Mr. Miraj Ranparia	Member - Industry	Absent
7.	Mr. Hirendrasinh Padhiyar	Member - Alumni	Present
8.	Mr. Hardik Pujara	Member	Present
9.	Mr. Mayank Parekh	Member	Present
10.	Mr. Prashant Lakkad	Member	Present
11.	Mr. Hiren Ramani	Member	Present
12.	Mr. Ashraf Mathakiya	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 Civil 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 **A.Y. 2018-2019 & onwards:**

1. The Regulations **framed** for the below stated programmes **be approved.**
 - a. B.Tech. – Civil Engineering (**Enclosure-IA**)
 - b. M.Tech. – Transportation Engineering (**Enclosure-IB**)
 - c. PhD– Civil Engineering (**Enclosure-IC**)
2. The scheme of Instruction & Examinations **framed** for all semesters of the below stated Programmes **be approved.**
 - a. B.Tech. – Civil Engineering (**Enclosure-IIA**)
 - b. M.Tech. – Transportation Engineering (**Enclosure-IIB**)
 - c. PhD – Civil Engineering (**Enclosure-IIC**)
3. The Syllabi framed for the courses of the **all semesters** of the below stated programmes **be approved.**
 - a. B.Tech. – Civil Engineering (**Enclosure-IIIA**)
 - b. M.Tech. – Transportation Engineering (**Enclosure-IIIB**)
 - c. PhD – Civil 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.	Elements of Civil Engineering(TH)	3	3	<ul style="list-style-type: none">• Computer Engineering• Information Technology• Electrical Engineering	I
Sr. No.	Course	Hrs./ Week	Cr.	Offered to	Sem.



b.	Elements of Civil Engineering(PR)	2	1	<ul style="list-style-type: none"> • Computer Engineering • Information Technology • Electrical Engineering 	I
c.	Elements of Civil Engineering(TH)	3	3	<ul style="list-style-type: none"> • Mechanical Engineering 	II
d.	Elements of Civil Engineering(PR)	2	1	<ul style="list-style-type: none"> • Mechanical Engineering 	II

(Enclosure-IVA)

B. PG Programmes

Sr. No.	Course	Hrs./ Week	Cr.	Offered to	Sem.
a.	Basics of Transportation Engineering	3	2	<ul style="list-style-type: none"> • Mechanical Engineering (Production Engineering) • Mechanical Engineering (CAD/CAM) • Computer Engineering (Software Engineering) • Electrical Engineering(Power Electronics & Electric drives) 	I
b.	Intelligent Transportation System	3	2	<ul style="list-style-type: none"> • Mechanical Engineering (Production Engineering) • Mechanical Engineering (CAD/CAM) • Computer Engineering (Software Engineering) • Electrical Engineering(Power Electronics & Electric drives) 	II
c.	Basics of Transportation Engineering- PR	2	1	<ul style="list-style-type: none"> • Mechanical Engineering (Production Engineering) • Mechanical Engineering (CAD/CAM) • Computer Engineering (Software Engineering) 	I



Sr. No.	Course	Hrs./ Week	Cr.	Offered to	Sem.
				<ul style="list-style-type: none"> Electrical Engineering(Power Electronics & Electric drives) 	
d..	Intelligent Transportation System-PR	2	1	<ul style="list-style-type: none"> Mechanical Engineering (Production Engineering) Mechanical Engineering (CAD/CAM) Computer Engineering (Software Engineering) Electrical Engineering(Power Electronics & Electric drives) 	II

(Enclosure-IVB)

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

A. UG Programmes

Sr. No.	Course	Hrs./ Week	Cr.	Offered to	Sem.
a.	Computer Aided Drawings(PR)	40	1	All the branches in Atmiya University except Computer Engineering	II

(Enclosure-VA)

6. 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.
a.	Environmental Assessment & Management	80	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 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.	Environment Auditing	2	1	All the branches in Atmiya University except Computer Engineering	5
b.	Road Safety Management	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.	Road Safety Management	2	1	All the branches in Atmiya University except Computer Engineering	3

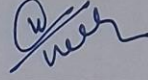
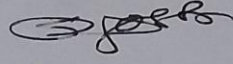
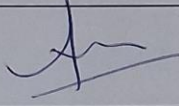
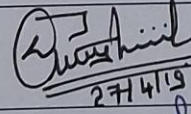
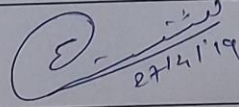
(Enclosure-VIIB)

8. The members **unanimously resolved** to **authorize** the Chairperson of the BoS to finalize on the following:
- B.Tech - List of paper setters and examiners for courses **of all semesters**
(Enclosure-VIII A)
 - M.Tech - List of paper setters and examiners for courses **of all semesters**
(Enclosure-VIII B)
 - 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 **58. (Enclosure IX)**



Attendance

Date: 27/04/2019

S.N.	Name of Member	Signature with Date
1.	Mr. Hemant G. Sonkusare	
2.	Dr. Sanjay B. Joshi	
3.	Prof. Asha M. Joshi	
4.	Prof. Gaurav Agrawal	Leave of Absence
5.	Mr. K.B. Kagathara	Leave of Absence
6.	Mr. Miraj Ranparia	Leave of Absence
7.	Mr. Hirendrasinh Padhiyar	H. A. P. - dhim - 27/4/19
8.	Mr. Hardik Pujara	Hardik Pujara 27/4/19
9.	Mr. Mayank Parekh	# 27/4/19
10.	Mr. Prashant Lakkad	 27/4/19
11.	Mr. Hiren Ramani	Hiren Ramani 27/4/19
12.	Mr. Ashraf Mathakiya	 27/4/19



Registrar
Atmiya University
Rajkot

List of New Courses framed

Sr.	Program Name	Course Name	Course Code	Year of Introduction
1	B.Tech. Civil Engineering	Core 22: Design of Steel Structure	18BTCICC701	2021-2022
2	B.Tech. Civil Engineering	Core 23: Estimation & Costing	18BTCICC702	2021-2022
3	B.Tech. Civil Engineering	DSE-Core 3: Airport and Harbour Planning	18BTCIDC701	2021-2022
4	B.Tech. Civil Engineering	DSE-Core 3: Sustainable Construction	18BTCIDC702	2021-2022
5	B.Tech. Civil Engineering	Major Project / Industrial Training / Internship	18BTCICC703	2021-2022
6	B.Tech. Civil Engineering	Core 24: Construction Project Management	18BTCICC801	2021-2022
7	B.Tech. Civil Engineering	Core 25: Irrigation Engineering	18BTCICC802	2021-2022
8	B.Tech. Civil Engineering	Core Practical 13: Construction Project Management	18BTCICC803	2021-2022
9	B.Tech. Civil Engineering	Core Practical 14: Computer Aided Software Design	18BTCICC804	2021-2022
10	B.Tech. Civil Engineering	Core 12: Advance Construction Technology	18BTCICC501	2020-2021
11	B.Tech. Civil Engineering	Core 13: Engineering Hydrology	18BTCICC502	2020-2021
12	B.Tech. Civil Engineering	Core 14: Structural Analysis -II	18BTCICC503	2020-2021
13	B.Tech. Civil Engineering	Core 15: Environment Engineering	18BTCICC504	2020-2021
14	B.Tech. Civil Engineering	Core 16: Basics of Seismology (Self Study)	18BTCICC505	2020-2021
15	B.Tech. Civil Engineering	Core 17: Computer Based Test	18BTCICC506	2020-2021
16	B.Tech. Civil Engineering	DSE-Core 1: Seismic Engineering	18BTCIDC501	2020-2021
17	B.Tech. Civil Engineering	DSE-Core 1: Urban Transport Planning	18BTCIDC502	2020-2021
18	B.Tech. Civil Engineering	Core Practical 10: Environment Engineering	18BTCICC507	2020-2021
19	B.Tech. Civil Engineering	Mini Project/ Industrial Training/ Internship	18BTCICC508	2020-2021
20	B.Tech. Civil Engineering	Core 18: Design of RC Structure	18BTCICC601	2020-2021
21	B.Tech. Civil Engineering	Core 19: Water Supply & Sanitary System	18BTCICC602	2020-2021
22	B.Tech. Civil Engineering	Core 20: Pavement Design & Maintenance	18BTCICC603	2020-2021
23	B.Tech. Civil Engineering	Core 21: Mechanics of Fluid	18BTCICC604	2020-2021



Sr.	Program Name	Course Name	Course Code	Year of Introduction
	Engineering			
24	B.Tech. Civil Engineering	DSE-Core 2: Railway & Bridge Technology	18BTCIDC601	2020-2021
25	B.Tech. Civil Engineering	DSE-Core 2: Disaster Planning & Mitigation	18BTCIDC602	2020-2021
26	B.Tech. Civil Engineering	DSE-Allied 5: Engineering Business Management	18BTCIDA601	2020-2021
27	B.Tech. Civil Engineering	Core Practical 11: Pavement Design & Maintenance	18BTCICC605	2020-2021
28	B.Tech. Civil Engineering	Core Practical 12: Mechanics of Fluid	18BTCICC606	2020-2021
29	B.Tech. Civil Engineering	Mini Project/ Industrial Training/ Internship	18BTCICC607	2020-2021
30	All UG Programs	GE 1: Environmental Auditing	18BTCIGE501	2020-2021
31	All UG Programs	GE 2: Road Safety Management	18BTCIGE601	2020-2021
32	B.Tech. Civil Engineering	Core 3: Surveying	18BTCICC301	2019-2020
33	B.Tech. Civil Engineering	Core 4: Building Construction and Material	18BTCICC302	2019-2020
34	B.Tech. Civil Engineering	Core 5: Geotechnical Engineering -I	18BTCICC303	2019-2020
35	B.Tech. Civil Engineering	Core 6: Highway Planning & Management	18BTCICC304	2019-2020
36	B.Tech. Civil Engineering	Core Practical 4: Surveying Practical	18BTCICC305	2019-2020
37	B.Tech. Civil Engineering	Core Practical 5: Geotechnical Engineering -I Practical	18BTCICC306	2019-2020
38	B.Tech. Civil Engineering	Statistical Methods for Civil Engineering	18SAHMT403	2019-2020
39	B.Tech. Civil Engineering	Core 7: Concrete Technology	18BTCICC401	2019-2020
40	B.Tech. Civil Engineering	Core 8: Building Planning & Regulation	18BTCICC402	2019-2020
41	B.Tech. Civil Engineering	Core 9: Structural Analysis -I	18BTCICC403	2019-2020
42	B.Tech. Civil Engineering	Core 10: Geotechnical Engineering -II	18BTCICC404	2019-2020
43	B.Tech. Civil Engineering	Core 11: Advance Surveying	18BTCICC405	2019-2020
44	B.Tech. Civil Engineering	Core Practical 6: Concrete Technology	18BTCICC406	2019-2020
45	B.Tech. Civil Engineering	Core Practical 7: Building Planning & Regulation	18BTCICC407	2019-2020
46	B.Tech. Civil Engineering	Core Practical 8: Geotechnical Engineering -II	18BTCICC408	2019-2020
47	B.Tech. Civil Engineering	Core Practical 9: Advance Surveying	18BTCICC409	2019-2020



Sr.	Program Name	Course Name	Course Code	Year of Introduction
48	M.Tech. Civil Engineering (Transportation Engineering)	Core 8: Signal Designing (Self Study)	18MCITCC301	2019-2020
49	M.Tech. Civil Engineering (Transportation Engineering)	DSE Core 1: Waterway Transport System Planning & Design	18MCITDC301	2019-2020
50	M.Tech. Civil Engineering (Transportation Engineering)	DSE-Core 1: Rail Transport System Planning & Design	18MCITDC302	2019-2020
51	M.Tech. Civil Engineering (Transportation Engineering)	Core Practical 3: Dissertation Phase I	18MCITCC302	2019-2020
52	M.Tech. Civil Engineering (Transportation Engineering)	DSE-Core 2: Airport System Planning & Design	18MCITDC401	2019-2020
53	M.Tech. Civil Engineering (Transportation Engineering)	DSE-Core 2: Mass Transit System	18MCITDC402	2019-2020
54	M.Tech. Civil Engineering (Transportation Engineering)	Core Practical 4: Mid Semester Dissertation	18MCITCC401	2019-2020
55	M.Tech. Civil Engineering (Transportation Engineering)	Core Practical 5: Dissertation Phase II	18MCITCC402	2019-2020
56	M.Tech. Civil Engineering (Transportation Engineering)	CEC 1: Online / Professional Certification Courses / Short Term Course	18MCITCE01	2019-2020
57	M.Tech. Civil Engineering (Transportation Engineering)	CEC 2: Online / Professional Certification Courses / Short Term Course	18MCITCE02	2019-2020
58	All PG Programs	GE 1: Road Safety Management	18MCITGE301	2019-2020



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Registrar
Atmiya University
Rajkot