

Rama University Uttar Pradesh, Kanpur

Ref: RU/FET/CED/BOS/2016

Dated: 27/05/2016

Faculty of Engineering & Technology
Department of Civil Engineering
Minutes of Meeting
Boards of Studies

A meeting of Boards of Studies of Civil Engineering, FET was held on 26/05/2016 (Thursday) at 2:30 PM. in conference room of FET. The following members were present:

- | | |
|-------------------------|-------------------|
| 1. Mr.Satish Parihar | - Chairperson |
| 2. Mr. Sudeep Kumar | - Member |
| 3. Dr.Vinod Kumar Yadav | - Member |
| 4. Prof. Pradeep Kumar | - External Member |
| 5. Er.D,D.Pathak | - External Member |

Agenda:

1. Action Taken Report (ATR) on Minutes of Previous Meeting.

The BOS committee reviewed and confirmed the minutes of the BOS meeting held on 02/05/2015

2. To consider and approve changes in the Evaluation Scheme and Syllabus.

S. No.	Item No.	Existing	Recommendation /Action Taken	
1	To consider and approve the changes in Evaluation Scheme and Syllabus for B.Tech. students to be admitted in the Academic Session 2016-17.	The Subject code and Syllabus of the following from the existing Evaluation Scheme and Syllabus as	The BOS considered changes in the Evaluation Scheme and Syllabus and thereafter discussion. recommended such changes in Evaluation Scheme and Syllabus	
		Existing		Proposed
		Semester III :		
		BCE-355-Building Planning & Drawing		BCE-356-Building Planning & Drawing
		Semester IV : (Program Elective):		
		BCE-011- Advanced Concrete Technologies		BCE-405-Advanced Concrete Technologies
		BCE-012-Urban Planning & Architecture		BCE-406-Urban Planning & Architecture
		BCE-013-Disaster Mitigation & Earthquake Engineering		BCE-407-Disaster Mitigation & Earthquake Engineering
BCE-014-Industrial Pollution Control & Environmental Audit	BCE-408-Industrial Pollution Control & Environmental Audit			

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S. No.	Item No.	Existing		Recommendation /Action Taken
2	To consider and approve the changes in Evaluation Scheme and Syllabus for M.Tech. (Civil with Specialization in Structural Engineering) students to be admitted in the Academic Session 2016-17	The Subject code and Syllabus of the following from the existing Evaluation Scheme and Syllabus as		The BOS considered changes in the Evaluation Scheme and Syllabus and thereafter discussion, recommended such changes in Evaluation Scheme and Syllabus
		Existing	Proposed	
		Semester I (Core Subject) :		
		MCE-104-Computer Aided Design	MCE-104-Pre-stressed Concrete Design	
		Semester III (Program Elective):		
		MCE-031- Pre-stressed Concrete Design	MCE-301- Computer Aided Design	
		MCE-032-Advanced Foundation Engineering	MCE-302-Advanced Foundation Engineering	
		MCE-033-Advanced Design of Steel Structures	MCE-303-Advanced Design of Steel Structures	
		MCE-034-Design of Earthquake Resistant Structures	MCE-304-Design of Earthquake Resistant Structures	
		MCE-035-Stability Theories in Structural Engineering	MCE-305-Stability Theories in Structural Engineering	
		MCE-036-Design of Tall Structures	MCE-306-Design of Tall Structures	
		MCE-037-Design of Offshore Structures	MCE-307-Design of Offshore Structures	
MCE-038-Reliability Based Civil Engineering Design	MCE-308-Reliability Based Civil Engineering Design			

3. To consider the proposed revision of Evaluation Scheme and Syllabus for B.Tech and M.Tech. (Civil with Specialization in Structural Engineering) students to be admitted in the Academic Session 2017-18 including introduction of new specializations in M.Tech.(Civil)

The board approved the review committee for considering the proposed revision of Evaluation Scheme and Syllabus for B.Tech and M.Tech. (Civil with Specialization in Structural Engineering) students to be admitted in the Academic Session 2017-18 including introduction of new specialization in M.Tech.(Civil)

A committee of Mr. Avinash Singh, Mr.Utsav Mani and Ms, Rati Bajpai (External member) was constituted in this connection.

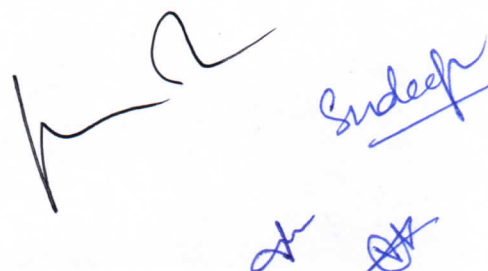
The meeting concluded with a vote of thanks to the chair.

Date of the Next Meeting: to be decided and intimated thereafter

(Chairman)

Encl.: Recommended Curricula attached for consideration and approval.

CC: 1. Dean, FET
2. Registrar Office





COURSE STRUCTURE

M. TECH.

CIVIL ENGINEERING

(STRUCTURAL ENGINEERING)

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SEMESTER-I (FIRST YEAR)

S. NO.	Course Code	Course Name	Teaching Scheme			Evaluation Scheme			Total Marks	Credits
			L	T	P	CA	MTE	ETE		
1	MAS-101	Advanced Mathematics and Numerical Analysis	3	1	0	30	20	100	150	4
2	MCE-102	Advanced Strength of Material and Theory of Elasticity	3	1	0	30	20	100	150	4
3	MCE-103	Advanced Structural Analysis	3	1	0	30	20	100	150	4
4	MCE-104	Pre-stressed Concrete Design	3	1	0	30	20	100	150	4
LABORATORIES										
6	MCE-153	Advanced Concrete Lab	0	0	4	20	0	30	50	2
7	MCE-154	CAD Lab	0	0	4	20	0	30	50	2
TOTAL			12	4	8	160	80	460	700	20



SEMESTER-II (FIRST YEAR)

S. NO.	Course Code	Course Name	Teaching Scheme			Evaluation Scheme			Total Marks	Credits
			L	T	P	CA	MTE	ETE		
1	MCE-201	Structural Dynamics	3	1	0	30	20	100	150	4
2	MCE-202	Finite Element Method in Structural Engineering	3	1	0	30	20	100	150	4
3	MCE-203	Theory of Plates and Shells	3	1	0	30	20	100	150	4
4	MCE-204- MCE-208	Departmental Elective-I	3	1	0	30	20	100	150	4
LABORATORIES										
8	MCE-251	Computational Lab	0	0	4	10	10	30	50	2
9	MCE-252	Structural Engineering Lab	0	0	4	10	10	30	50	2
			12	4	8	160	80	460	700	20

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SEMESTER-III (SECOND YEAR)

S. NO.	Course Code	Course Name	Teaching Scheme			Evaluation Scheme			Total Marks	Credits
			L	T	P	CA	MTE	ETE		
1	MCE-031- MCE-034	Departmental Elective-II	3	1	0	30	20	100	150	4
2	MCE-035- MCE-038	Departmental Elective-III	3	1	0	30	20	100	150	4
LABORATORIES										
3	MCE-351	Dissertation-I	0	0	16	200	0	300	500	12
			6	2	16	260	40	500	800	20

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SEMESTER-IV (SECOND YEAR)

S. NO.	Course Code	Course Name	Teaching Scheme			Evaluation Scheme			Total Marks	Credits
			L	T	P	CA	MTE	ETE		
1	MCE-401	Dissertation-II	0	0	24	200	0	600	800	20
TOTAL			0	0	24	200	0	600	800	20

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DEPARTMENTAL PROGRAM ELECTIVE-I

S. NO.	CODE	SUBJECT	TEACHING SCHEME				EVALUATION SCHEME			TOTAL MARKS	CREDITS	CONTACT HRS/WK	PRE- REQUISITES
			L	T	P	J	CA	MTE	ETE				
THEORY													
1	MCE-204	Advance Concrete Technology	3	1	0	0	20	20	60	100	4	3	
2	MCE-205	Ground Improvement Techniques	3	1	0	0	20	20	60	100	4	3	
3	MCE-206	Matrix Method of Analysis	3	1	0	0	20	20	60	100	4	3	
4	MCE-207	Advance Concrete Design	3	1	0	0	20	20	60	100	4	3	

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DEPARTMENTAL ELECTIVE-II

S. NO.	CODE	SUBJECT	TEACHING SCHEME				EVALUATION SCHEME			TOTAL MARKS	CREDITS	CONTACT HRS/WK	PRE- REQUISITES
			L	T	P	J	CA	MTE	ETE				
THEORY													
1	MCE-301	Computer Aided Design	3	1	0	0	20	20	60	100	4	3	
2	MCE-302	Advanced Foundation Engineering	3	1	0	0	20	20	60	100	4	3	
3	MCE-303	Advanced Design of Steel Structures	3	1	0	0	20	20	60	100	4	3	
4	MCE-304	Design of Earthquake Resistant Structures	3	1	0	0	20	20	60	100	4	3	

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DEPARTMENTAL ELECTIVE-III

S. NO.	CODE	SUBJECT	TEACHING SCHEME				EVALUATION SCHEME			TOTAL MARKS	CREDITS	CONTACT HRS/WK	PRE- REQUISITES
			L	T	P	J	CA	MTE	ETE				
THEORY													
1	MCE-305	Stability Theories in Structural Engineering	3	1	0	0	20	20	60	100	4	3	
2	MCE-306	Design of Tall Structures	3	1	0	0	20	20	60	100	4	3	
3	MCE-307	Design of Offshore Structures	3	1	0	0	20	20	60	100	4	3	
4	MCE-308	Reliability Based Civil Engineering Design	3	1	0	0	20	20	60	100	4	3	

L-Lecture, T-Tutorial, P- Practical, CA- Continuous Assessment, MTE-Mid Term Examination, ETE-End Term Examination

Evaluation Scheme:

Course with theory components only

For Continuous Assessment (CA) is such as: 30 Marks

- a) Attendance : 10 Marks
- b) Assignments: 10 Marks
- c) Class Tests : 10 Marks

MTE - Mid Term Examination: 20 Marks

ETE - End Term Examination: 100 Marks

Course with practical components only

For Continuous Assessment (CA) is such as: 20 Marks

- a) Attendance : 10 Marks
- b) Performance : 10 Marks
- c) Practical File : 10 Marks

ETE - End Term Examination: 50 Marks



RAMA UNIVERSITY UTTAR PRADESH, KANPUR

Faculty of Engineering and Technology

Department of Civil Engineering

Course: Bachelor of Technology (CE)

Report on Feedback on Curriculum by Stakeholders (2016-2017)

- The external experts reviewed the syllabus through mail and suggested that course content and subject codes of the Departmental Electives for Semester III and IV may be rationalized for smooth teaching-learning and evaluation process and it should be updated.
- The alumni informed and recommended latest and emerging trends in Civil Engineering in design and execution for consideration for better employability.
- The faculty suggested use of latest and updated information and communication technology in teaching-learning process.

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BoS Chairman

Dean/Principal



RAMA UNIVERSITY UTTAR PRADESH, KANPUR

Faculty of Engineering and Technology

Department of Civil Engineering

Course: Bachelor of Technology (CE)

Action Taken Report based on Feedback at BoS held on 26.05.2016

- The syllabus was reviewed and subject codes were revised in the syllabus.
- The emphasis on site/industrial visits, vocational training and survey camps to aware students of latest and emerging trends in Civil Engineering in design and execution for better employability.
- Use of latest and updated information and communication technology was encouraged in teaching-learning process.

BoS Chairman

Dean/Principal