

Rama University Uttar Pradesh, Kanpur

Ref:RU/FET/CED/BOS/2015

Dated: 06/05/2015

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 02/05/2015 (Saturday) at 2:30 PM. in conference room of FET. The following members were present:

1. Mr. Sudeep Kumar - Chairperson
2. Dr.Vinod Kumar Yadav - Member
3. Mr. C.P. Maurya - Member
4. Prof. Pradeep Kumar - External Member
5. Er.D,D.Pathak - External Member

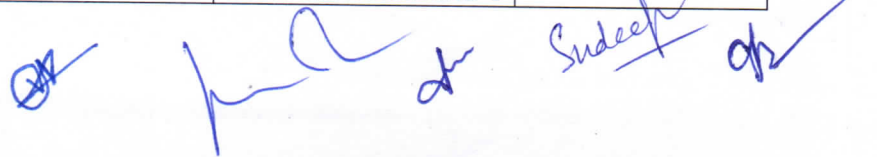
Agenda:

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

The BOS committee reviewed and confirmed the minutes of the BOS meeting held on 04/05/2014

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 M.Tech. (Civil with Specialization in Structural Engineering) students to be admitted in the Academic Session 2015-16	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 :		
		MCE-101-Advanced Mathematics and Numerical Analysis		MAS-101-Advanced Mathematics and Numerical Analysis
		Semester II :		
		MCE-203-Theory of Plates & Shells		MCE-204-Theory of Plates & Shells
		Semester II (Program Elective):		
		MCE-021-Advance Concrete Technology		MCE-203-Advance Concrete Technology
		MCE-022-Ground Improvement Techniques		MCE-205-Ground Improvement Techniques
		MCE-023-Matrix Method of Analysis		MCE-206-Matrix Method of Analysis
		MCE-024-Advanced Concrete Design		MCE-207-Advanced Concrete Design
Semester III :				
MCE-303-Dissertation-I	MCE-351-Dissertation-I			



S. No.	Item No.	Existing	Recommendation /Action Taken	
2	To consider and approve the changes in Evaluation Scheme and Syllabus for B.Tech. students to be admitted in the Academic Session 2015-16.	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 V (Program Elective):		
		BCE-021-Matrix Analysis of Structures		BCE-505-Matrix Analysis of Structures
		BCE-022-Quantity Surveying & Costing		BCE-506-Quantity Surveying & Costing
		BCE-023-Open Channel Flow		BCE-507-Open Channel Flow
		BCE-024-Earth & Earth Retaining Structures		BCE-508-Earth & Earth Retaining Structures
		Semester VI (Program Elective):		
		BCE-031-Advanced Foundation Design		BCE-604-Advanced Foundation Design
		BCE-032-Advanced Concrete Structures		BCE-605-Advanced Concrete Structures
		BCE-033-Transportation System Planning		BCE-606-Transportation System Planning
		BCE-034-Environmental Geo-technology		BCE-607-Environmental Geo-technology
		Semester VII (Program Elective):		
		BOE-071-Non-Conventional Energy Resources		BOE-701-Non-Conventional Energy Resources
		BOE-072-Quality Management		BOE-702-Quality Management
		BOE-073-Operations Research		BOE-703-Operations Research
		BOE-074-Entrepreneurship Developments		BOE-704-Entrepreneurship Developments

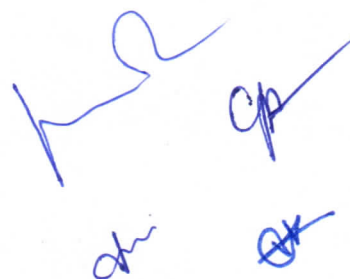
The meeting concluded with a vote of thanks to the chair.

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	Computer Aided 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

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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-204	Theory of Plates and Shells	3	1	0	30	20	100	150	4
4	MCE-203 MCE-205- 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

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



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-203	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-031	Pre-stressed Concrete Design	3	1	0	0	20	20	60	100	4	3	
2	MCE-032	Advanced Foundation Engineering	3	1	0	0	20	20	60	100	4	3	
3	MCE-033	Advanced Design of Steel Structures	3	1	0	0	20	20	60	100	4	3	
4	MCE-034	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-035	Stability Theories in Structural Engineering	3	1	0	0	20	20	60	100	4	3	
2	MCE-036	Design of Tall Structures	3	1	0	0	20	20	60	100	4	3	
3	MCE-037	Design of Offshore Structures	3	1	0	0	20	20	60	100	4	3	
4	MCE-038	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 (2015-2016)

- The external experts reviewed the syllabus through mail and suggested that course content and subject codes of the Departmental Electives for Semester V and VI may be rationalized for smooth teaching-learning and evaluation process and it should be updated.
- The alumni recommended compatibility of knowledge and skills to improve employability.
- The faculty suggested use of updated version of software in teaching-learning process.

Sudeep

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 02.05.2015

- The syllabus was reviewed and revised accordingly in the syllabus.
- The emphasis on site/industrial visits, vocational training and survey camps were made to improve compatibility of knowledge and skills to improve employability.
- Software Training / Workshops are being regularly organized

Sudeep

BoS Chairman

Dean/Principal