

Rama University Uttar Pradesh, Kanpur



Faculty of Engineering & Technology

Department of Civil Engineering

Ref: RU/FET/CED/BOS/2025

Dated: 12/06/2025

Minutes of Meeting

Boards of Studies

A meeting of Boards of Studies of Civil Engineering, FET was held on 11/06/2025 (Wednesday) at 2:30 P.M. in conference room of FET. The following members were present:

- | | | |
|------------------------|---|-----------------|
| 1. Mr.Satish Parihar | - | Chairperson |
| 2. Dr.Deeksha Ranjan | - | Member |
| 3. Dr.Raghvendra Singh | - | Member |
| 4. Prof. Pradeep Kumar | - | 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 10/06/2024.

2. To consider and approve new Evaluation Scheme and Syllabus.

S. No.	Item No.	Existing	Recommendation /Action Taken
1	To consider and approve the proposed changes in CBCS based curriculum along with its Evaluation Scheme and Syllabus for M.Tech. (Full Time & Part Time) students to be admitted in the Academic Session 2025-26	The existing Evaluation Scheme and Syllabus for M.Tech. students was reviewed	The BOS considered and suggested "NO Change" in the Evaluation Scheme and Syllabus and thereafter discussion, recommended the same for final approval. The Evaluation Scheme and Syllabus approved for the academic session 2020-21 will remain effective till further changes are incorporated.

3. To review the existing syllabus M.Tech. (Full Time & Part Time) along with their Evaluation Scheme and Syllabus for next academic session 2026-27

The board approved the review committee for considering the proposed change, if any, in CBCS based M.Tech. (Full Time & Part Time) along with its Evaluation Scheme and Syllabus

A committee under the chairmanship of Mr. Satish Parihar, who has been authorized to select two more Internal members, was constituted in this connection and asked to submit its report by 1st week of February'2026

The meeting concluded with a vote of thanks to the chair. Date of the Next Meeting: to be decided and intimated thereafter

(Chairman)

CC: 1. Dean, FET

2. Registrar Office



COURSE STRUCTURE

M. TECH.

**CIVIL ENGINEERING
(STRUCTURAL ENGINEERING)**

Under

Choice Based Credit System (CBCS)

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SEMESTER-I (FIRST YEAR)

S. NO.	Course Type	Course Code	Course Name	Teaching Scheme			Evaluation Scheme			Total Marks	Credits
				L	T	P	CA	MTE	ETE		
1	Program Core	CMCE-101	Design of Earthquake Resistant Structures	3	1	0	30	20	100	150	4
2	Program Core	CMCE-102	Mechanics of Deformable Bodies	3	1	0	30	20	100	150	4
3	Program Core	CMCE-103	Advanced Structural Analysis	3	1	0	30	20	100	150	4
4	Program Core	CMCE-104	Design of Precast & Composite Structures	3	1	0	30	20	100	150	4
LABORATORIES/PROJECT											
6	Program Core	CMCE-151	Advanced Concrete Lab	0	0	4	20	0	30	50	2
7	Program Core	CMCE-152	Advanced Materials Lab	0	0	4	20	0	30	50	2
TOTAL				12	4	8	140	180	500	900	23

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SEMESTER-II (FIRST YEAR)

S. NO.	Course Type	Course Code	Course Name	Teaching Scheme			Evaluation Scheme			Total Marks	Credits
				L	T	P	CA	MTE	ETE		
1	Program Core	CMCE-111	Retrofitting And Rehabilitation Of Structures	3	1	0	30	20	100	150	4
2	Program Core	CMCE-112	Advance Concrete Technologies	3	1	0	30	20	100	150	4
3	Program Core	CMCE-113	Structural Dynamics	3	1	0	30	20	100	150	4
4	Program Elective	CMCE-201- CMCE-204	Program Elective-I	3	1	0	30	20	100	150	4
LABORATORIES/ PROJECT											
8	Program Core	CMCE-153	Computational lab	0	0	4	10	10	30	50	2
9	Program Core	CMCE-154	Structural Engineering Lab	0	0	4	10	10	30	50	2
TOTAL				12	4	8	140	180	500	900	20

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SEMESTER-III (SECOND YEAR)

S. NO.	Course Type	Course Code	Course Name	Teaching Scheme			Evaluation Scheme			Total Marks	Credits
				L	T	P	CA	MTE	ETE		
1	Program Elective	CMCE-205- CMCE-208	Program Elective-II	3	1	0	30	20	100	150	4
2	Program Elective	CMCE-209- CMCE-212	Program Elective-III	3	1	0	30	20	100	150	4
LABORATORIES/ PROJECT											
3	Project	CMCE-351	Dissertation-I	0	0	16	200	0	300	500	12
TOTAL				6	2	16	260	40	500	800	20

SEMESTER-IV (SECOND YEAR)

S. NO.	Course Type	Course Code	Course Name	Teaching Scheme			Evaluation Scheme			Total Marks	Credits
				L	T	P	CA	MTE	ETE		
LABORATORIES/ PROJECT											
1	Project	CMCE-451	Dissertation-II	0	0	24	200	0	600	800	20
TOTAL				0	0	24	200	0	600	800	20

DEPARTMENT OF CIVIL ENGINEERING, Faculty of Engineering and Technology

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PROGRAM ELECTIVE-I

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	CMCE-201	Advanced Design of RCC Structures	3	1	0	0	30	20	100	150	4	3		
2	CMCE-202	Ground Improvement Techniques	3	1	0	0	30	20	100	150	4	3		
3	CMCE-203	Matrix Method of Analysis	3	1	0	0	30	20	100	150	4	3		
4	CMCE-204	Advance Concrete Design	3	1	0	0	30	20	100	150	4	3		

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PROGRAM ELECTIVE-II

PROGRAM 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	CMCE-205	Design Of Pre-Stressed Concrete Structures	3	1	0	0	30	20	100	150	4	3		
2	CMCE-206	Advanced Foundation Engineering	3	1	0	0	30	20	100	150	4	3		
3	CMCE-207	Advanced Design of Steel Structures	3	1	0	0	30	20	100	150	4	3		
4	CMCE-208	Soil Structure Interaction	3	1	0	0	30	20	100	150	4	3		

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PROGRAM ELECTIVE-III

PROGRAM 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	CMCE-209	Analysis and Design of Plates and Shells	3	1	0	0	30	20	100	150	4	3		
2	CMCE-210	Design of Tall Structures	3	1	0	0	30	20	100	150	4	3		
3	CMCE-211	Bridge Engineering	3	1	0	0	30	20	100	150	4	3		
4	CMCE-212	Green Building Technology	3	1	0	0	30	20	100	150	4	3		





