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

(TRANSPORTATION ENGINEERING)

Under

Choice Based Credit System (CBCS)

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-107	Pavement Materials	3	1	0	30	20	100	150	4
2	Program Core	CMCE-108	Pavement Construction Technology	3	1	0	30	20	100	150	4
3	Program Core	CMCE-109	Geometric Design of Transportation facilities	3	1	0	30	20	100	150	4
4	Program Core	CMCE-110	Rural Roads	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

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-112**	Advance Concrete Technologies	3	1	0	30	20	100	150	4
2	Program Core	**CMCE-117**	Pavement Design and Analysis	3	1	0	30	20	100	150	4
3	Program Core	**CMCE-118**	Highway Equipments & Machinery	3	1	0	30	20	100	150	4
4	Program Core	**CMCE-119**	Traffic Engineering	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-155**	Advance Highway Laboratory	0	0	4	10	10	30	50	2
TOTAL				**12**	**4**	**8**	**140**	**180**	**500**	**900**	**20**

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-112**	Advance Concrete Technologies	3	1	0	30	20	100	150	4
2	Program Core	**CMCE-117**	Pavement Design and Analysis	3	1	0	30	20	**100**	150	4
3	Program Core	**CMCE-118**	Highway Equipments & Machinery	3	1	0	30	20	**100**	150	4
4	Program Core	**CMCE-119**	Traffic Engineering	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-155**	Advance Highway Laboratory	0	0	4	10	10	30	50	2
TOTAL				**12**	**4**	**8**	**140**	**180**	**500**	**900**	**20**

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-217-CMCE-220	Program Elective-V	3	1	0	30	20	100	150	4
2	Program Elective	CMCE-221-CMCE-224	Program Elective-VI	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-352	Dissertation-II	0	0	24	200	0	600	800	20
TOTAL				0	0	24	200	0	600	800	20

PROGRAM ELECTIVE-V

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-217	Highway Sub-grade and Foundation Analysis	3	1	0	0	30	20	100	150	4	3	
2	CMCE-218	Highway Bridges	3	1	0	0	30	20	100	150	4	3	
3	CMCE-219	Bituminous Concrete Road Construction	3	1	0	0	30	20	100	150	4	3	
4	CMCE-220	Cement Concrete Road Construction	3	1	0	0	30	20	100	150	4	3	

PROGRAM ELECTIVE-VI

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-221	Railway Engineering	3	1	0	0	30	20	100	150	4	3	
2	CMCE-222	Airport Planning and Design	3	1	0	0	30	20	100	150	4	3	
3	CMCE-223	Harbor and Dock Engineering	3	1	0	0	30	20	100	150	4	3	
4	CMCE-224	Road Safety	3	1	0	0	30	20	100	150	4	3	