DEPARTMENT OF CIVIL ENGINEERING

Feedback from M.Tech students and action taken report

Sl. No.	Feedback	Action Taken
1	Industry tie-ups needed to boost placement and collaborative research / projects.	MoU being initiated by the department with industry to boost placement and research work. Every semester Guest lectures, Invited talks and workshops are being organized to expose students and faculty to latest developments in the industry. Students as well as faculty are supported and encouraged to participate in National and International conferences, workshops Industry expos and symposium.

Feedback from Faculty members on M.Tech Program and action taken report

Sl. No.	Feedback	Action Taken
1	Add more domain courses to enrich curriculum	3 DE courses introduced across domains such as Structural Engineering, Environmental Engineering, Geotechnical Engineering, Infrastructure and Transportation Engineering, to name a few.

Feedback from Employer / Industry and action taken report

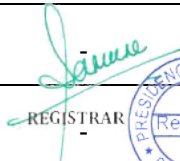| Sl. No.	Feedback	Action Taken
1	Introduce more discipline electives pertaining to Built Environment, Construction Safety, Remote Sensing and GIS, Earthquake Analysis and Design.	3 DE courses introduced per recommendations

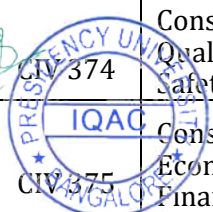REGISTRAR

Feedback from Alumni and action taken report

Sl. No.	Feedback	Action Taken
1	Add few courses on emerging concepts in Civil Engineering.	3 Discipline Elective courses on Emerging concepts including smart city are introduced
2	Need more practical on-site, site experiences	Internships are offered twice during the program to address this. In addition, guest lectures and few Industrial visits are also planned to have better exposure.

Pursuant to feedback received from stakeholders, new discipline elective courses have been added to curriculum as shown in Annexure 1.4.

Annexure 1.4

S. No.	COURSE CODE	COURSE NAME	L	T	P	C	TYPE OF SKILL/ FOCUS	COURSE INTEGRATES
		NEWLY PROPOSED DISCIPLINE ELECTIVE COURSESFOR B.TECH (CIVIL ENGINEERING)						
1.	CIV 333	Alternate Building Materials	3	0	0	3	Employability	Env. & Sustainability
2.	CIV 334	Finite Element Method	3	0	0	3	Employability	-
3.	CIV 335	Design Concepts of Building Services	3	0	0	3	Employability	Ethics
4.	CIV 336	Pre-fabricated Structures	3	0	0	3	Employability	-
5.	CIV 337	Advanced Prestressed Concrete Design	3	0	0	3	Employability	Ethics
6.	CIV 338	Stability of Slopes	3	0	0	3	Employability	-
7.	CIV 339	Advanced Foundation Design	3	0	0	3	Employability	-
8.	CIV 340	Earth and Earth Retaining Structures	3	0	0	3	Employability	-
9.	CIV 341	Urban Transport Planning	3	0	0	3	Employability	-
10.	CIV 342	Traffic Engineering	3	0	0	3	Employability	-
11.	CIV 343	Pavement Materials & Construction	3	0	0	3	Employability	-

12.	CIV 344	Highway Geometric Design	3	0	0	3	Employability	Ethics
13.	CIV 345	Highway Construction and Maintenance	3	0	0	3	Employability	-
14.	CIV 346	Intelligent Transportation Systems	3	0	0	3	Employability	-
15.	CIV 347	Advanced Soil Mechanics	3	0	0	3	Employability	-
16.	CIV 348	Earthquake Resistant Design of Foundations	3	0	0	3	Employability	-
17.	CIV 349	Water Resource Management	3	0	0	3	Employability	Env. & Sustainability
18.	CIV 360	Earthquake resistant Design of Structures	3	0	0	3	Employability	Ethics
19.	CIV 366	Advanced Fluid Mechanics	3	0	0	3	Employability	-
20.	CIV 367	Integrated Watershed Management	3	0	0	3	Employability	Env. & Sustainability
21.	CIV 368	Environmental Hydraulics	3	0	0	3	Employability	-
22.	CIV 369	Introduction to Infrastructure System and Planning	3	0	0	3	Employability	-
23.	CIV 370	Urban Planning and Design	3	0	0	3	Employability	Env. & Sustainability
24.	CIV 371	Project Management in Infrastructure Development	3	0	0	3	Employability	Ethics
25.	CIV 372	Construction Practices and Challenges in Infrastructure Projects	3	0	0	3	Employability	Ethics
26.	CIV 373	Construction Equipment and Machinery	3	0	0	3	Employability	-
27.	CIV 374	Construction Qualityand Safety	3	0	0	3	Employability	-
28.	CIV 375	Construction Economicsand Finance	3	0	0	3	Employability	Ethics

29.	CIV 376	Built Environment Design	3	0	0	3	Employability	Env. & Sustainability
30.	CIV 377	Environmental Impact Assessment for Infrastructure Projects	3	0	0	3	Employability	-
31.	CIV 378	Concepts of Smart City	3	0	0	3	Employability	Env. & Sustainability
32.	CIV 379	Urban Mobility	3	0	0	3	Employability	-
33.	CIV 384	Occupational Healthand Safety	3	0	0	3	Entrepreneurship	-
34.	CIV 385	Smart city Energy systems and Management	3	0	0	3	Employability	Env. & Sustainability
35.	CIV 386	Urban sanitation and hygiene	3	0	0	3	Employability	Env. & Sustainability
36.	CIV 387	Applications of Remote Sensing and GIS in Infrastructure Development	3	0	0	3	Employability	-
37.	CIV 388	IoT in Construction	3	0	0	3	Employability	-
38.	CIV 389	Construction Economics and Financing for Smart Cities	3	0	0	3	Employability	Ethics
39.	CIV 390	E-Governance	3	0	0	3	Employability	Ethics
40.	CIV 391	Smart Materials and Structures	3	0	0	3	Employability	-

The syllabus of the new courses as approved by the Board of Studies is included in therelevant PRCs