



# PRESIDENCY UNIVERSITY

(Private University Estd. in Karnataka State by Act No.41 of 2013)

## DEPARTMENT OF CIVIL ENGINEERING

### Feedback from B.Tech students and action taken report

Sl. No.	Feedback	Action Taken
1	Need field trips and industrial visits.	As part of experiential learning faculties are actively encouraged to take students on field trips and industrial visits. Atleast one such visit per section per semester will be undertaken by the department.
2	Need more choices in elective courses	3 Discipline and Open elective courses are introduced to offer students more choices.

### Feedback from Faculty members on B.Tech program and action taken report

Sl. No.	Feedback	Action Taken
1	Need to allot more teaching/tutorial hours for design-based courses/numerical based courses	The course contents are planned according to the lecture and tutorial hours available. However, there might have been a need felt to engage more tutorial hours only for slow learners. Remedial classes are being arranged for slow learners after regular working hours.

### Feedback from Employer / Industry and action taken report

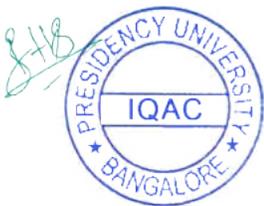
Sl. No.	Feedback	Action Taken
1	Introduce more discipline electives pertaining to Built Environment, Construction Safety, Remote Sensing and GIS, Earthquake Analysis and Design.	3 DE courses introduced per recommendations



### Feedback from Alumni and action taken report

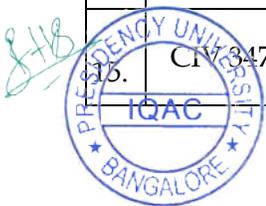
Sl. No.	Feedback	Action Taken
1	Add few courses on emerging concepts in Civil Engineering.	2 Discipline Elective courses on Emerging concepts including smart city are introduced
2	Need more practical on-site, site experiences	Internships are offered twice during the program to address this. In addition,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

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

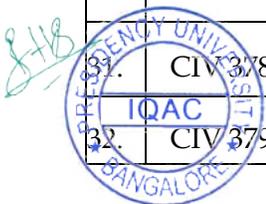


**Annexure 1.4**

NEWLY PROPOSED DISCIPLINE ELECTIVE COURSES FOR B.TECH (CIVIL ENGINEERING)									
S. No.	COURSE CODE	COURSE NAME	L	T	P	C	TYPE OF SKILL/ FOCUS	COURSE INTEGRATES	
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 Quality and Safety	3	0	0	3	Employability	-
28.	CIV 375	Construction Economics and 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	REGISTRAR



33.	CIV 384	Occupational Health and Safety	3	0	0	3	Entrepreneurs hip	-
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 the relevant PRCs

