

**THIAGARAJAR COLLEGE OF ENGINEERING  
DEPARTMENT OF CIVIL ENGINEERING**

**Student Feedback Analysis Report  
Academic Year 2022-23**

**Responses obtained from google form:** <https://docs.google.com/forms/d/1-tq1v3KZa2Hjn6UYfBTWYeV4ppM-woSRqMV-j8vro/edit>

- About 75% of the students have suggested that the existing syllabus covers the necessary areas of their technical domain.
- Students opined that Courses like Design of Reinforced Concrete Elements and Structures, Mechanics of solids, Structural analysis, Soil mechanics, Foundation engineering, StaadPro, Water Gems, Dynamics of structures, Aseismic design of structures etc. have helped them in placements, hackathons, symposiums and research publications.
- Majority of the students have said that contribution of the curriculum in getting placements, preparation for higher studies, getting internship with industries and higher learning institutions, doing industry certifications, promoting creative thinking, design and development of solutions is very good to excellent.

**Strengths of the curriculum:**

- Imparting sound technical knowledge
- Very good exposure to various aspects of Civil Engineering Viz planning, design, construction and maintenance

**Weakness of the curriculum:**

- Lesser field visits and implant training
- Less exposure on inculcating practical knowledge

**Action Plan:**

1. To enhance the employability opportunities, practical course on BIM Software, Project Planning shall be included in the curriculum.
2. Industrial visits and field visits relevant to the offered courses shall be arrange to enhance the practical and application-oriented knowledge of the students.
3. For effective knowledge transfer, faculty are advised to make students to visualize ideas using simple models.
4. To improve the technical knowledge and to make the students industry ready faculty are advised to concentrate on basics and fundamentals.

  
**HDCE**

**THIAGARAJAR COLLEGE OF ENGINEERING**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**Student Feedback Analysis Report**  
**Academic Year 2021-22**

The following courses have CO attainment percentage less than the expected attainment percentage as per the course exit survey

Course Code	Course Name	Course Outcome (CO)
18CE310	Differential Equations and Fourier Series	CO4
18CE330	Fluid Mechanics	CO3
18CE340	Water Supply Engineering	CO2, CO4 & CO5
18CE350	Programming for Problem Solving	CO1 & CO5
18CE510	Concrete Technology	CO1, CO2, CO5 & CO6
18CE520	Soil Mechanics	CO5
18CE530	Accounting and Finance	CO2, CO4 & CO5
18CE710	Irrigation and Water Resources Engineering	CO6
18CE720	Construction Management	CO6
18CEGBO	Building Services	CO1 & CO5
18CEPA0	Finite Element Analysis	CO1, CO4 & CO6
18CEPCO	Prestressed Concrete	CO3, CO4, CO5 & CO6
18CEPHO	Municipal Solid Waste Management	CO1, CO3 & CO6

**Action Plan:**

1. Since CO attainment is relatively less in problem-oriented CO's, faculty members are asked to give more classroom exercises, tutorial, worksheets/assignments.
2. Faculty members are advised to counsel the students stressing the importance of CAT performance, since CO attainment is relatively poor in CAT compared to terminal examination.
3. Faculty members are instructed to give assignment problems/questions covering all CO's.
4. For effective content delivery and knowledge transfer, faculty are advised to:
  - Make students to visualize ideas using simple models
  - Clarify concepts using case studies
  - Concentrate on basics and fundamentals
  - Handle additional classes on specific topics
  - Arrange for industrial/field visits relevant to the courses offered

  
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The following courses have CO attainment percentage less than the expected attainment percentage as per the course exit survey

Course Code	Course Name	Course Outcome (CO)
18CE220	Surveying	CO5
18EN130	Air Pollution and Control	CO2, CO3, CO4, CO5, CO6
18EN210	Biological Treatment Process	CO1, CO2, CO3, CO4, CO5, CO6
18CEGBO	Building Services	CO1
18SEGBO	Finance For Engineers	CO1, CO4
18SEPDO	Blast Resistant Design of Structures	CO1
18CE490	Project Management	CO1
18IMPA0	Contracts and Arbitration	CO1, CO2, CO3, CO4, CO5
18IM130	Material Procurement and Management	CO5
18ENPU0	Transport of Water and Wastewater	CO1,CO2,CO3,CO4,CO5,CO6
18CE530	Accounting and Finance	CO2, CO4

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