K. E. Society's
Rajarambapu Institute of Technology, Sakharale
(An Autonomous Institute affiliated to Shivaji University, Kolhapur)

Analysis of feedback received from different stake holders

- **Stake holder** : Employer
- **Department** : Civil Engineering Department
- **Academic Year** : 2020-21
- **Implementation Year** : 2021-22
- **Objectives of survey:**
  1. To understand the needs of the stakeholders
  2. To review the current curriculum structure 2018-22 and identify the concerns in the curriculum
  3. To develop the curriculum structure for the batch of 2020-24.
  4. To discuss on the curriculum structure of B. Tech. Civil Engineering Programme
  5. To review the detailed course content of each course of final year B. Tech (Civil Engineering)
- **Feedback Questions:**
  1. The syllabus structure is fulfilling industry need, sufficient to bridge the gap between the industry standards and academics.
  2. The Current Syllabus structure covers sufficient courses related to contemporary topics, global/emerging issues and trends in Civil engineering.
  3. The Current Syllabus structure provides sufficient programme elective to acquire domain specific knowledge.
  4. Do you think bearing capacity of soil shall be a part of Curriculum?
  5. Hydrology & irrigation Engineering is vast subject do you require additional hrs?
  6. Do you think highway-engineering contents should be given more weightage than Railway Engg. contents?
  7. The current curriculum structure meets the expectations in terms of learning values, innovation, attitude, analytical abilities, and practical orientation to the real life situation.
  8. The current syllabus tries to build opportunities in terms of employability such as Jobs, Services and entrepreneurial attitude amongst students.

- **Response chart:**

Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	0	0	0	0
0	0	1	0	0
0	1	0	0	0
1	0	0	0	0
0	0	0	0	0
0	1	0	0	0
0	1	0	0	0
0	0	1	0	0
2	3	2	0	0

- **Important Comments:**

1 Construction Management
CO of the course as it needs to add CO related to descriptive question.
The corrections in the CO was suggested by Dr P S Patil as per the Blooms Taxonomy

2 Finite Element Analysis
Need to add software and In lab course – Revise CO 3 & 4

3 Project Management
Need to add software, case studies, In lab course – Revise CO, instead of Calculate use Determine, Add Software like MS Project & Primavera
Add Delivery note regarding conduction of course.

4 Industrial Waste Management
Need to revise the references as per standard format, Online monitoring system for ETP should be added in IWM, Add case studies to give exposure to the students.

5 Pre-Stressed Concrete Structures
Add practical case studies

6 Matrix Methods of Structural Analysis
Add MATLAB to solve Matrix

7 Total Quality Management
Redefine CO's as per the course title and content, Need to revise the references as per standard format

8 Photogrammetric Surveying
Revise CO 1, Add Drone Survey technology

9 Geo-informatics for Engineering
Add Govt agencies and their role in GIS application, Add suitable Softwares

- **Implemented points in the curriculum:**

1 Construction Management
Added CO related to descriptive question.
The CO was corrections as per suggestion by Dr P S Patil

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Added software and In lab course – Revise CO 3 & 4

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Added software, case studies, In lab course – Revise CO, instead of Calculate use Determine, Add Software like MS Project & Primavera
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