

**VIGNAN'S**

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956

DEPARTMENT OF CIVIL ENGINEERING**Action Taken Report on B. Tech Civil Program R19 & R21 Feedback
Implemented in R22 introduced in the AY 2022-23*****Action taken based on the suggestions from Students:***

- Q1.Course Contents of Curriculum are in tune with the Program Outcomes.
- Q2.The Course Contents are designed to enable Problem Solving Skills and Value added courses enriches Core competencies as well as incorporation of software courses.
- Q3.Courses offered in the curriculum serves the needs of both Civil Industries and IT sector.
- Q4.Contact Hour Distribution among the various Course Components (LTP) is Satisfiable.
- Q5.Electives have enabled the passion to learn new technologies in emerging areas of Civil Engineering.
- Q6.The Curriculum is providing opportunity towards Self learning to realize the expectations
- Q7.Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfiable.
- Q8.No. of Laboratory Sessions Integrated with Theory Courses have been sufficient to improve the technical as well as practical skills in Civil Engineering
- Q9.Inclusion of Minor Projects with Theory Courses have enhanced the technical competency and leadership skills.

Analysis of Overall Feedback given by the Students

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	54	33.3	9.5	0	0	4.317	Excellent
Q2	63.5	27	6.3	0	0	4.444	Excellent
Q3	68.3	12.7	14.3	1.6	0	4.384	Excellent
Q4	65.1	22.2	9.5	0	0	4.428	Excellent
Q5	65.1	17.5	14.3	0	0	4.384	Excellent
Q6	71.4	11.1	14.3	0	0	4.443	Excellent
Q7	71.4	17.5	7.9	0	0	4.507	Excellent
Q8	71.4	17.5	7.9	0	0	4.507	Excellent
Q9	69.8	20.6	6.3	0	0	4.503	Excellent

Itemized responses given to the Suggestions of Students

Suggestion: Increase lab hours and more realistic practical theory should be implemented.

Action Taken: More emphasis is given on practical sections.

Suggestion: Require GATE, CAT, GRE coaching for Higher Education

Action Taken: Syllabus is modified as per GATE Examination. Most of the topics covered in Classroom. Separate Training Programme is planned as CRT for CAT, GRE

Suggestion: Reduce the external weightage.

Action Taken: Weightage for external is reduced from 60 to 40 marks.

Action taken based on the suggestions from Alumni:

Q1. The Curriculum has paved a good foundation in understanding the basic civil engineering concepts.

Q2. Course Contents of Curriculum are in tune with the Program Outcomes.

Q3. Curriculum has imparted all the required Job Oriented Skills

Q4. Electives of Curriculum have served the technical advancements needed to serve the requirements of existing construction Industry Practices and Codal Provisions.

Q5. Tools and Technologies learnt during laboratory sessions has enriched the required practical knowledge to serve in industry.

Q6. Competing with your peers from other Institutions.

Q7. Current Curriculum meets the present industry demands.

Analysis of Overall Feedback given by the Alumni

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	70.6	26.5	0	0	0	4.59	Excellent
Q2	64.7	26.5	5.9	0	0	4.472	Excellent
Q3	73.5	23.5	0	0	0	4.615	Excellent
Q4	64.7	29.4	2.9	0	0	4.498	Excellent
Q5	88.2	8.8	0	0	0	4.762	Excellent
Q6	73.5	20.6	2.9	0	0	4.586	Excellent
Q7	73.5	20.6	2.9	0	0	4.586	Excellent

Itemized responses given to the suggestions of Alumni

Suggestion: Minor degree in other disciplines to be incorporated.

Action Taken: Minor degree concept was introduced from which each program is offering different sort of courses related to latest technologies.

Suggestion: Honors degree programs to be incorporated.

Action Taken: Honors degree concept was introduced from which each program is offering different sort of courses related to latest technologies.

Suggestion: Provide campus trainings in third year itself.

Action Taken: Planning to Introduce CRT and Programming Skills from third year itself

Suggestion: Weightage for internal marks can be increased.

Action Taken: Weightage for internal is increased from 40 to 60.

Action taken based on the suggestions from Faculty:

- Q1.The Course Contents of Curriculum are in tune with program Vision and Mission.
- Q2.Course Contents can enhance the Problem-Solving Skills and Core competencies and employability skills.
- Q3.Allocation of Credits to the Courses are Satisfiable.
- Q4.Contact Hour Distribution among the various Course Components (LTP) is Satisfiable.
- Q5.Electives enable the passion to learn new technologies in emerging areas of Civil Engineering.
- Q6.Curriculum is providing opportunity towards Self learning to realize the expectations.
- Q7.Composition of Basic Sciences, Engineering, Humanities and Management Courses are Satisfiable.
- Q8.Number of theoretical courses amalgamated with laboratory sessions are sufficient to improve the technical skills of students.
- Q9.Integration of Minor Project with Theory Courses improved the technical competency and leadership skills among the students.

Analysis of Overall Feedback given by the Faculty

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	93.8	6.3	0	0	0	4.942	Excellent
Q2	93.8	6.3	0	0	0	4.942	Excellent
Q3	93.8	6.3	0	0	0	4.942	Excellent
Q4	93.8	6.3	0	0	0	4.942	Excellent
Q5	93.8	6.3	0	0	0	4.942	Excellent
Q6	93.8	6.3	0	0	0	4.942	Excellent
Q7	100	0	0	0	0	5	Excellent
Q8	100	0	0	0	0	5	Excellent
Q9	100	0	0	0	0	5	Excellent

Itemized responses given to the suggestions of Faculty

Suggestion: Way of assessment need to be modified.

Action Taken: Assessment process is modified to Formative and Summative as per NEP2020.

Suggestion: Discussion sessions to be kept in the time table.

Action Taken: Discussion session in each course is given in time table where in students can clarify their doubts and can make discussion related to the courses which enables learning abilities.

Suggestion: Industry Institute courses need to be implemented.

Action Taken: Industry Institute courses is implemented and guest lectures from industry persons are introduced in every course on Saturday.

Suggestion: Suggested to Introduce Remote Sensing lab

Action Taken: RS and GIS subject has been introduced in the curriculum as Departmental core elective and planned one modular course for hands on experience on GIS software

Action taken based on the suggestions from Employers:

Analysis of Overall Feedback given by the Employers

	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	100	0	0	0	0	5	Excellent
Q3	100	0	0	0	0	5	Excellent
Q4	100	0	0	0	0	5	Excellent
Q5	100	0	0	0	0	5	Excellent

Itemized responses given to the suggestions of Employers

Suggestion: Interdisciplinary knowledge can be improved.

Action Taken: Minor degree and Open elective courses are introduced in the curriculum enable the students to have more interdisciplinary knowledge.

Suggestion: Required Practical orientation by conducting site visits

Action Taken: Introduced Site visits as a part of labs, minor projects & major projects. This will provide the students industry ready.

Suggestion: Train Students through long term Internships

Action Taken: A semester long Internship is already there in the curriculum and implementing the same to make the students industry ready before getting placed.

Suggestion: Industry interaction with students can be arranged.

Action Taken: Guest lectures from industry persons and industry interaction courses are introduced in the curriculum.

Suggestion: Good knowledge in coding can be incorporated.

Action Taken: Courses to improve coding knowledge are introduced.



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