

**VIGNAN'S**

Foundation for Science, Technology & Research

(Deemed to be University)

Estd. in 3 of UGC Act 1956

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

- Q1. Course Content of Curriculum is in tune with the Program Outcomes
- Q2. Curriculum is designed to improve Problem Solving Skills and Core competencies
- Q3. Courses placed in the curriculum serves the needs of both advanced and slow learners
- Q4. Contact Hour Distribution among the various Course Components (LTP) is Satisfactory
- Q5. Electives indulge the passion to learn new technologies in emerging areas
- Q6. Curriculum promotes self learning to realize the expectations
- Q7. Composition of Basic Sciences, Engineering, Humanities and Management Courses is a right mix and satisfactory
- Q8. Laboratory sessions are sufficient to improve the technical skills of students
- Q9. Inclusion of Minor Project/ Mini Projects improves the technical competency and leadership skills among the students

Analysis of Overall Feedback given by the Students on R19 & R21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	52.5	9.9	19.8	10.5	7.4	3.899	Very Good
Q2	52.5	13	13.6	12.3	8.6	3.885	Very Good
Q3	53.7	10.5	14.8	9.9	11.1	3.858	Very Good
Q4	56.8	14.2	14.8	6.8	7.4	4.062	Excellent
Q5	53.7	11.7	15.4	7.4	11.7	3.88	Very Good
Q6	54.9	11.7	16	8	9.3	3.946	Very Good
Q7	58	11.7	11.7	8.6	9.9	3.99	Very Good
Q8	55.6	15.4	11.7	6.8	10.5	3.988	Very Good
Q9	54.9	13	11.7	9.9	10.5	3.919	Very Good

Itemized responses given to the Suggestions of Students

Suggestion: Requested to have more elective courses.

Action Taken: In R22 regulation, web and database security is added as core course and have a pool of elective courses.

Suggestions: Lectures on cyber security case studies.

Action Taken: Practice hours extended upto 6.00 PM

Suggestion: Please accommodate GATE courses.

Action Taken: GATE courses were included in the curriculum.

Action taken based on the suggestions from Faculty:

- Q1. Course Content of Curriculum is in tune with the Program Outcomes
- Q2. Course Contents enhance the Problem-Solving Skills and Core competencies
- Q3. Allocation of Credits to the Courses are satisfactory
- Q4. Contact Hour Distribution among the various Course Components (LTP) is Justifiable
- Q5. Electives imparts the passion to learn new technologies in emerging areas
- Q6. Curriculum encourages Self learning
- Q7. Composition of Basic Sciences, Engineering, Humanities and Management Courses is satisfactory
- Q8. Courses with laboratory sessions are sufficient to improve the technical skills of students
- Q9. Inclusion of Minor/ Mini Projects improved the technical competency and leadership skills among the students

Analysis of Overall Feedback given by the Faculty on R19 & R21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	50	0	25	0	25	3.5	Very Good
Q2	75	0	0	0	25	4	Excellent
Q3	75	0	0	0	25	4	Excellent
Q4	75	0	0	0	25	4	Excellent
Q5	75	0	0	0	25	4	Excellent
Q6	75	0	0	0	25	4	Excellent
Q7	75	0	0	0	25	4	Excellent
Q8	75	0	0	0	25	4	Excellent
Q9	75	0	0	0	25	4	Excellent

Itemized responses given to the suggestions of Faculty

Suggestion: It is preferable to offer the syllabus from the Gate perspective.

Action Taken: GATE courses were included either in program core/elective/honours stream.

Suggestion: Revising the lab component and practice sessions for courses that require hands-on skills can be highly beneficial for a comprehensive understanding and application of the subject matter.

Action Taken: For the courses that have practice component, practise exercises were redesigned and conducted effectively.

Action taken based on the suggestions from Employers:

- Q1. Course Content of Curriculum is in tune with the Program Outcomes
- Q2. Curriculum provides the scope for improving the required skills of IT and IT enabled Industry Demands
- Q3. Professional and Open Electives are fulfilling the ever- evolving needs of IT industries
- Q4. Tools and technologies described in the curriculum are enough to design and develop new applications of IT Industry.
- Q5. Problem Solving and Soft Skills acquired by the students through the curriculum will enable them to be placed in IT Industry.

Analysis of Overall Feedback given by the Employers on R19 & R21

Parameters	Strongly Agree	Agree	Moderate	Disagree	Strongly Disagree	Avg. Rating	Grade
Q1	100	0	0	0	0	5	Excellent
Q2	33.3	66.7	0	0	0	4.333	Excellent
Q3	66.7	33.3	0	0	0	4.667	Excellent
Q4	66.7	0	33.3	0	0	4.334	Excellent
Q5	66.7	33.3	0	0	0	4.667	Excellent

Suggestions: It is suggested to have more value added courses and cyber security tools. It will be helpful in designing business solutions.

Action Taken: We offer value added courses to enhance students' knowledge beyond the standard curriculum. They acquire skills in demand in the industry and can be competitive in the job market Also, we encourage the students to take NPTEL courses on emerging technologies and tools as this makes the transition from academia to workplace much smoother. We insist the students to take up project based learning methodologies, where student works in batches and have knowledge transfer leading to good solutions. This is implemented in R22 regulation

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