

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CURRICULUM FEEDBACK ANALYSIS REPORT

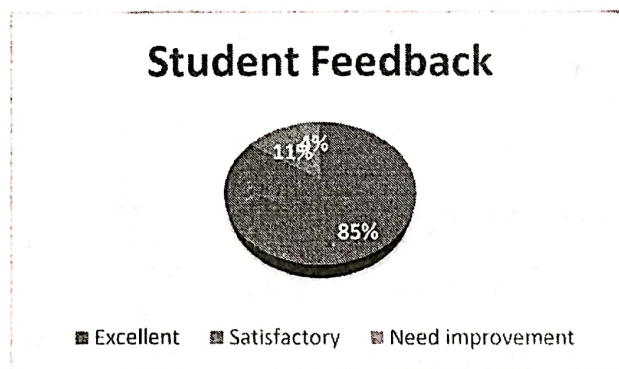
ACADEMIC YEAR: 2023-24

1. Analysis of Student's Feedback on Curriculum

- The Department has obtained feedback on the JNTUK R20 (Autonomous) curriculum from students through a questionnaire that consists of 8 questions in different aspects. A collection of feedback has been done online. The analysis of feedback forms is also done.

S. No.	Criteria	Excellent	Satisfactory	Need improvement
1	Does the curriculum enhance the student's technical knowledge/skills?	85	12	3
2	Does the curriculum is designed to enhance your employability?	80	15	5
3	The courses studied by you are relevant, and the contents are revised at reasonable intervals.	82	12	6
4	Does the entire syllabus is completed in time?	88	10	2
5	Modern teaching aids are used by the teachers while teaching.	92	5	3
6	Teachers give regular and timely feedback on the performance of the students	83	10	7
7	Rate the courses in terms of extra learning or self-learning considering the design of the courses	86	11	3
8	The Teachers guide the students in the development of overall personality development of the students.	81	15	4

- It shows that 85% of students felt excellent, 11% were satisfied with the curriculum, and 4% expected improvements on the JNTUK R20 Autonomous regulation.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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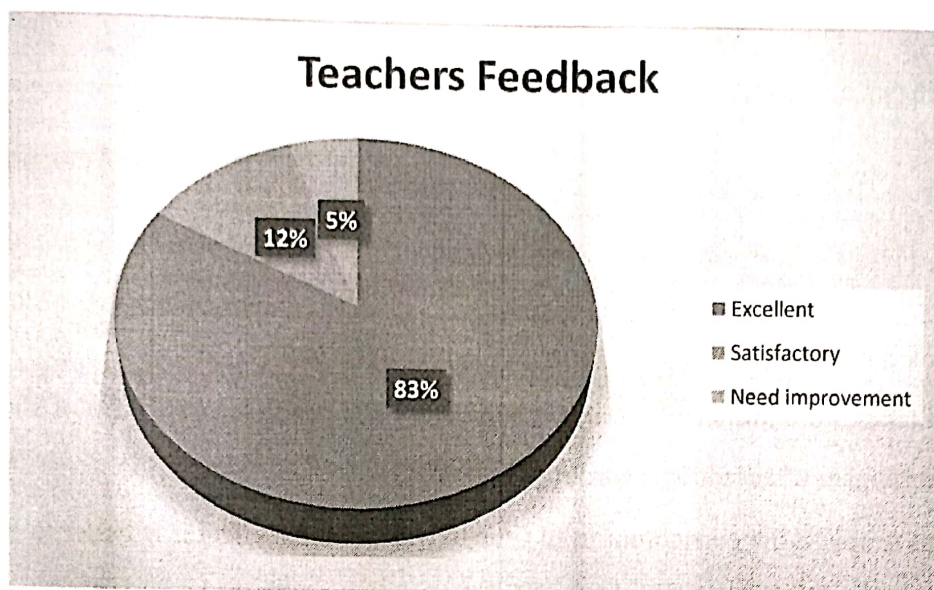
ACADEMIC YEAR: 2023-24

2. Analysis of Teachers Feedback on Curriculum

- The department faculties on teaching courses based on R20 Autonomous regulations. Feedback is obtained from them online.
- The response obtained through feedback is analyzed and shown here.
- From the analysis, 39% of teachers feel that the industry needs have been met through content beyond the syllabus.
- 23% of teachers expected the course to be provided scope for internship /training/research and self-learning capability.
- Though 49% of teachers feel excellent and 39% of teachers satisfied various components of the R20 Autonomous curriculum, 15% demanded improvement regarding the balance between the theoretical and practical knowledge and opportunity for higher education/employability.

S. No.	Criteria	Excellent	Satisfactory	Need improvement
1	Syllabus is suitable to the course and need based	83	10	7
2	The contents are in conformity with the learning outcomes	88	10	2
3	The curriculum is balanced with regard to the theoretical and practical knowledge.	85	12	3
4	Scope in developing the habit of self-learning	80	15	5
5	Scope for internship/training/research	82	12	6
6	The curriculum provides opportunity for higher education/employability.	77	15	8
7	The adequacy of textbooks / reference books / on line material etc are available in the library	92	8	4
8	Any curriculum gaps identified	81	11	8
9	No. of topics handled beyond syllabus	86	11	3
10	Curriculum compliance towards attaining CO/PO	81	15	4
11	The curriculum development procedure needs improvement	82	12	6

- Overall, 83% of teachers felt excellent, 12 % were satisfied with the curriculum, and 5% expected improvements on the JNTUK R20 Autonomous regulation.



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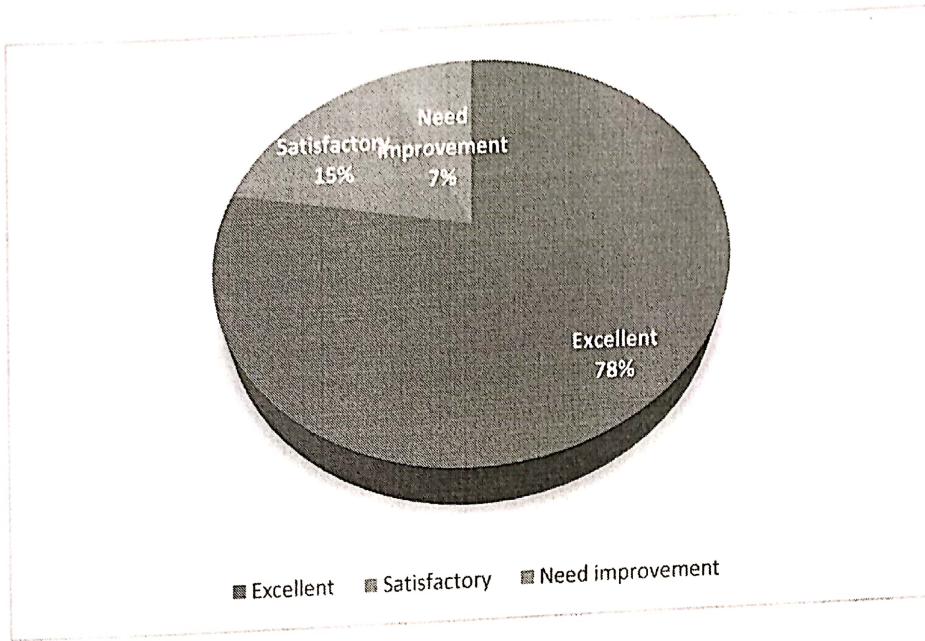
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**CURRICULUM FEEDBACK ANALYSIS REPORT****ACADEMIC YEAR: 2023-24****3. Analysis of Alumni Feedback on Curriculum**

- The Department has received feedback on the curriculum based on JNTUK R20 - Autonomous regulation.
- There are twenty-five alumni who participated in the feedback online.
- Their valuable feedback has been analyzed, and the report is presented here.
- Though the institution takes more initiative to bridge the industry and academia gap, 32% of alumni seek a more significant number of activities regarding this.
- 36% of alumni input us to revise the curriculum from time to time, and 24% feel it is better to learn additional technologies other than the syllabus.
- According to the response to the questionnaire, Does the course you learnt in the college is in relation to your current job / occupation? It is recognized that a more significant number of multidisciplinary subjects to be included in the curriculum.

S. No.	Criteria	Excellent	Satisfactory	Need improvement
1	Does the course you learnt in the college is in relation to your current job / occupation?	83	10	7
2	The depth and scope of curriculum	81	17	2
3	Time-to-time updating in curriculum	79	18	3
4	Any new skills learnt in the due course of your study (Other than syllabus)	80	15	5
5	Rate the academic initiatives taken by the college to bridge the gap between industry and academia.	80	14	6
6	Any motivation created by the syllabus to higher education in the Particular topic?	77	15	8

- Overall, 78% of alumni felt excellent, 15% were satisfied with the curriculum, and 7% expected improvements on the JNTUKR20 Autonomous regulation.



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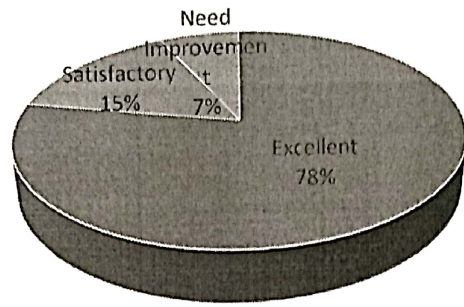
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**CURRICULUM FEEDBACK ANALYSIS REPORT****ACADEMIC YEAR: 2023-24****4. Analysis of Parent Feedback on Curriculum**

- The Department has received feedback on the curriculum based on JNTUK R20 Autonomous regulation with beloved parents of our students.
- Sixty parents have come forward to participate in this feedback.

S. No.	Criteria	Excellent	Satisfactory	Need improvement
1	How do you rate the curriculum has a good balance between theory & practice?	75	19	6
2	How do you rate your ward getting excel in seminar/technical paper / workshop participation's and mini projects executions etc	77	18	5
3	How do you rate the academic flexibility in selecting (core / non-core) electives?	81	12	7
4	Does the outcomes of your ward has achieved from the course?	79	17	4
5	Does the curriculum promote Entrepreneurship and Start-up mentorship?	78	16	6
6	Does the curriculum have made your wards to industry ready?	72	20	8
7	How do you rate the treatment of the students by the faculty irrespective of the background of the student (such as gender, cast, community, poor or rich etc) in teaching and evaluation?	80	11	9

- It is observed that 78 % of parents felt excellent, 15 % were satisfied with the curriculum, and 7% expected improvements on the JNTUK R20Autonomous regulation.

Parent Feedback



■ Excellent ■ Satisfactory ■ Need improvement

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**CURRICULUM FEEDBACK ANALYSIS REPORT****ACADEMIC YEAR: 2023-24****5. Analysis of Employer Feedback on Curriculum**

- The Department has obtained valuable feedback on the curriculum and our student's ability from the employer who has visited our campus for the pre-placement talk and recruitment process.
- The feedback is analyzed, and the report is presented.

S. No.	Criteria	Excellent	Satisfactory	Need improvement
1	Describe level of knowledge to graduate in a position to be recruited	75	17	8
2	Willingness to work hard & contribute for development of organization	70	20	10
3	Ability to identify industrial needs using advanced tools to meet the technological constraints	69	19	12
4	Communication skills and healthy relations between the peers, seminar, subordinates & administration	73	18	9
5	Exhibiting inter personal relationship and trust to excel unsuccessfully completing their allocated projects	71	22	7
6	Interactive presence contribution at work shop, technical meet and project/report presentation	81	16	3
7	How far is he/she aware of social responsibilities and events related to college	72	22	6

- In general, 73 % of employers felt excellent, 19% were satisfied with the curriculum, and 8% expected improvements on the JNTUK R20 Autonomous regulation.



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**ACTION TAKEN REPORT ON CURRICULUM FEEDBACK****ACADEMIC YEAR: 2023-24**

The Department of Computer Science and Engineering, KKR & KSR Institute of Technology and Sciences obtains feedback on curriculum based on JNTUK R20 Autonomous regulation from the Students, Teachers, Alumni, Parents, and Employers. The department curriculum development committee deeply analyses the responses and suggestions, and the following resolutions were derived for implementing the same in the new autonomous curriculum.

The actions taken are:

1. It is decided to streamline the repetition of contents in the successive courses to increase the relevancy. At the same time to minimize the curricular gap.
2. It is decided to include value added skill-based course, and provision for internship/ field project in the curriculum and to include NPTEL courses in every semester.
3. It is decided to implement more no of interdisciplinary open elective and elective courses in the revised curriculum.
4. Inter-disciplinary final year projects and research initiatives were encouraged.
5. It is decided to provide communication skills training to the students along with regular curriculum.
6. It is decided to implement case study assignments that were given to the students which intern to help them to acquire problem-solving skills and technical projects.
7. It is decided to include skill oriented courses in every year.

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