



Report on the Feedback about Curriculum from Stakeholders

(A.Y. 2023-24)

Feedback on curriculum is obtained from the stakeholders like students, teachers, alumni and employers. The questionnaire of the feedback was circulated through the Google form. For the students' feedback complete anonymity of the student is maintained.

● Students' Feedback

The survey provides a comprehensive overview of students' perspectives on various aspects of the curriculum and educational experience.

Coverage of Prerequisites:

Across all academic years, a majority of students believe that the prerequisites for the courses in the curriculum were covered earlier, ranging from 71% to 80%.

This indicates a generally satisfactory level of preparedness, with a minority of students expressing concerns about coverage.

Sufficiency of Allotted Lectures/Practicals:

A consistent majority of students across all years (ranging from 74% to 91%) feel that the number of allotted lectures/practicals are sufficient to cover the entire syllabus.

This reflects positively on the curriculum planning and delivery.

Time for Self-Study and Other Activities:

While a significant proportion of students find the given time for self-study and other activities sufficient (ranging from 68% to 80%), there is a notable minority (ranging from 20% to 32%) expressing concerns about time management.

Usefulness of Curriculum Content:

The majority of students rate the curriculum content as very useful for concept building, ranging from 57% to 66%, with additional students finding it moderately useful (ranging from 32% to 42%).

A minimal percentage deem the content not useful, suggesting overall satisfaction with the relevance of the material.

Transparency of Assessment Process:

Across all years, an overwhelming majority of students find the assessment process transparent, ranging from 69% to 84%.

This indicates a high level of trust and clarity in the evaluation methods employed.

Availability of Learning Resources:

The availability of learning resources seems satisfactory across all years, with percentages ranging from 92% to 96% confirming the adequacy and appropriateness of resources.

Usefulness of Laboratory Sessions:

The majority of students find laboratory sessions very useful for hands-on experience, ranging from 68% to 76%, supporting the effectiveness of practical learning.

Impact of Tutorials:

Across all years, a majority of students believe tutorials are helpful to a large extent (ranging from 63% to 72%), contributing positively to their understanding of the subject.

Inclusion of Audit Courses and Humanities Courses:

There is strong support across all years for the inclusion of audit courses, with percentages ranging from 81% to 87%.

Similarly, humanities courses like Principles of Economics and Finance are perceived as useful for exposure in related fields, with percentages ranging from 69% to 74%.

Program Electives and Industry Internships:

For offered program electives, a significant majority of students across all years believe that prerequisite courses were covered in previous semesters, ranging from 67% to 94%.

There is also a high willingness for industry internships, with percentages ranging from 91% to 98%.

Final Year Project and Internship Experience:

The final year project is perceived to have positively impacted students' problem-solving, teamwork, presentation skills, project management, and innovation abilities.

The internship experience is generally found useful by the majority of students, ranging from 86% to 98%, with preferences for longer durations (especially 6 months).

In summary, the survey data reveals a generally positive perception of the curriculum, with students expressing satisfaction with prerequisites, instructional time, self-study opportunities, curriculum content, assessment transparency, learning resources, practical sessions, and tutorials. Additionally, there is a strong interest in internships and a recognition of their value in the educational experience. The feedback on elective courses, technological advancements, and final year projects is also positive, indicating a well-rounded educational program.

- **Alumnae Feedback**

The feedback from alumni provides valuable insights into the effectiveness and relevance of the curriculum. Firstly, a significant majority rates the relevance of the curriculum with respect to industry needs positively, with 65% rating it as Excellent or Very Good. However, there is room for improvement in ensuring alignment with technological advancements, as 44% of respondents feel that more program/open electives should be offered to cater to industry advancements. Additionally, almost all alumni (99%) agree that internships should be a mandatory part of the curriculum, with a preference for longer durations, especially 6 months (81%). This underscores the importance of practical industry experience in complementing academic learning. Moreover, alumni recognize the value of final year projects in developing critical skills such as problem-solving, teamwork, and presentation skills, with over 65% acknowledging its contribution to innovation. However, there are concerns regarding the adequacy of laboratory courses in developing hands-on skills, with 24% expressing dissatisfaction. Furthermore, while co-curricular and extra-curricular activities are perceived as very useful for personality development by 72% of alumni, there is still room for improvement to make them more inclusive and impactful for all students. Finally, the curriculum is rated highly effective for placements (78%), but there are opportunities to enhance its support for higher studies (57%) and entrepreneurship development (38%). Overall, the feedback highlights areas of strength as well as areas for improvement, providing valuable guidance for curriculum enhancement

- **Teachers Feedback**

The teacher provided feedback on the curriculum based on the survey analysis. According to their assessment, several significant findings emerged regarding how the curriculum is perceived. Firstly, a notable majority of respondents acknowledged that the courses effectively address all the Program Outcomes and Program Specific Outcomes defined by the NBA. Similarly, there is widespread agreement that the

program curriculum aligns with global trends in program-specific areas. Furthermore, the survey indicates that a majority of respondents believe that the revised program curriculum strikes a good balance between core engineering knowledge and skills. Similarly, respondents feel that the curriculum equally covers the fundamentals and applications of the program area. Regarding specific components of the curriculum, respondents find the six-month internship period to be adequate for students to familiarize themselves with the industry environment and functioning. Overall, the data suggests a high level of satisfaction with the program curriculum, particularly in terms of alignment with outcomes, global trends, and the balance between theoretical knowledge and practical application.

- **Employer's Feedback**

Employers provided feedback about the curriculum during campus recruitment process, during syllabus framing meetings, expert lectures etc. Following is the feedback received

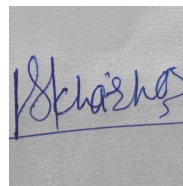
- ❖ Scope for improving communication skills
- ❖ Career molding sessions are to be conducted
- ❖ More focus should be given on projects and improving coding skills
- ❖ Courses related to Cloud Computing and related technologies to be offered to E&TC students.



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