ST. FRANCIS INSTITUTE OF TECHNOLOGY
(ENGINEERING COLLEGE)

(Roman Catholic Christian Minority Educational Institute)
(Approved by AICTE & Govt. of Maharashtra with permanent Affiliation to University of Mumbai)

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Ref: Date :

PRINCIPAL REPORT: STAKEHOLDER'S FEEDBACK ON SYLLABUS
FOR A.Y. 2020-2021

The institute follows the curriculum prescribed by University of Mumbai. Regular feedbacks are sought for from its stakeholders (Students, Teachers, Alumni, Employer) to identify the curriculum gaps.

The student feedback is sought for at the end of every semester for each course of the curriculum that he/she undertakes. The teacher provides the course curriculum feedback at the end of each semester as well. He/she also mentions her feedback in the self-appraisal. Appraisal is also carried out on a one-to-one basis with HOD, Principal and Director. The Alumni feedback is taken by the SFIT-Alumni Association. The employer feedback is taken by the Training and Placement Cell at the time of campus recruitment process.

Feedbacks collected are analysed and action plans are decided to bridge the gaps identified. These curriculum gaps are addressed either by faculty or by various committees/chapters/cells.

Sample Action Taken Report of the **Student Feedback**

The feedback analysis was carried out on the basis of the course feedback given by the students at the end of the semester.

S.No.	Semester	Feedback	Action Taken
1.	IV	Add Django	Workshop conducted
2.	IV	Take more quizzes and giving problems to solve for students and provide past year question papers	Quiz conducted for every module conducted for every subject. Past question papers of similar courses given to students
3.	IV	Python course should be improved as per the technology gets updated	Workshops conducted under various technical chapters
4.	IV	Conducting practice and doubt sessions	Doubt Clearing Sessions planned in timetable itself
5.	II	For Engineering Mathematics 2, after explaining the application should also be explained in order to understand better	We will incorporate applications of mathematical concepts for the modules wherever it is applicable

6.	I	For Engineering Physics 1, practical knowledge should be included more.	For practical implementation of theory, Experiments from every module are conducted. Also, projects are included in the curriculum, where in Sem 1 the students are expected to explore the topic of their choice and based on that in Sem2 they need to prepare a working model.
7.	III	Session on machine learning algorithms which are popularly used by industries	Sessions/ Panel discussion with industry resource person conducted
8.	III	Take more mcq quiz at the end of the lecture and discuss the answers for clarity of the topic	Quiz on Slido/Google classroom/ CO-based evaluation software is conducted. Doubt clearing session conducted every week.
9.	III	Should include advanced java	Workshop on the same conducted
10.	V	Keep activities based on advanced topics	Seminars/workshops/ 30-hr value-added courses conducted under various technical chapters
11.	V	Clear basic concepts about the IoT	Demonstration of interfacing sensors, radio and actuators given to students in the lab
12.	V	Practical demonstration for important topics	Demonstration of interfacing sensors, radio and actuators given to students in the lab
13.	V	Could have given more time for selection of the project topic	A detailed schedule given to the students... Students discuss the mini-project topic with the guides for the first two weeks and then present their project topic for approval in the third week of the project
14.	V	More time for implementation of the project	For time management, a detailed week wise schedule is shared with students at the start of the semester
15.	V	Explain in detail about sensors and boards and which ones to use for particular projects	Detailed explanation of sensors and boards done in lab. Demonstration of interfacing sensors, radio and actuators given to students
16.	VI	More seminars	Seminars/workshops conducted under various technical chapters
17.	VI	Sessions on forensics; practical session with tools	Demonstration of tools done
18.	VI	Seminars on project	Seminars conducted under various

			management	technical chapters conducted
19.	VI	Use of online simulators can be done in WN	The same is now taken up.	
20.	VII	Include latest trends	Seminars and workshops under various technical chapters conducted for them.	

Action Taken Report of the <u>Teacher Feedback</u>

The feedback analysis is carried out on the basis of course curriculum feedback given by the teachers at the end of each semester and the self-appraisal.

S.No.	Name of the Person	Designation	Feedback	Action Taken
1.	Dr. Nitika Rai	Associate Professor	Mathematical concepts needed to understand Fourier Transform. It needs to be covered before studying its application in the field of communication	Covered as topic beyond syllabus
2.	Dr. Nitika Rai	Associate Professor	Understanding of basic functioning of analog electronics such rectifier, voltage and power amplifiers, transformers, oscillators and filters need to be covered	Covered as topic beyond syllabus
3.	Ms. Snehal Kulkarni	Assistant Professor	Case studies for Project Management and ERP	Proof of case studies during lecture hours and also have done a IIT certification course
4.	Ms. Arti Bhatnagar	Assistant Professor	In water module other than hardness various other parameters for testing of water are not covered like pH, turbidity, TDS and other contents present.	Covered as topic beyond syllabus
5.	Mr. Praveen Mathew	Assistant Professor	The topic LOR is not included in BCE	Conducted a 30 hours Skill Development

	Kurien		syllabus	course for TE CMPN A and B including LOR
6.	Monika Cheema	Assistant Professor	For the subject of optical communication in Sem VII students are not able to correlate the applications of optical fibres in real time applications	Case study has been given based on the application of fibre optics in 5G and in FSO
7.	Dr Vaqar Ansari	Assistant Professor	For the subject of EIC in SEM III students are finding difficulty to understand the classification of signals and systems	An extra lecture has been conducted as well as video recordings based on the fundamental concepts has been shared with the students
8.	Ms K Jayasudha	Associate Professor	For the subject of MCS and WN for better understanding and to relate the theoretical concepts attended a workshop	TEQIP-3 on 5G and Beyond Wireless Technologies: Modelling and Simulations in MATLAB conducted by IIT, Indoor
9.	Ms Varsha Thandassary	Assistant Professor	For the designing of PID controller to make system stable in control system II subject, text book content was insufficient	Attended NPIEL on control system offered by IIT, Madras
10.	Mr. Sanjay Ghaskatta	Assistant Professor	The department faculties were of the opinion that students lack Geometric Dimensioning and Tolerance (GD&T) concepts, since there is no course in the curriculum teaching these concepts, an	Conducted a 30 hours value added course on "Workshop on Product Design and Modelling" under Skill Development Cell to fill the academic gap.

			academic gap was identified by the faculties of Mechanical Engineering Department.	
11.	Mr. Yunus Dalal	Assistant Professor	The students expressed their willingness to learn and explore Ansys with the help of some case studies and industry grade problem statements.	We arranged for our students a value-added course on Ansys. We had invited resource persons having experience in solving simulation problems for small and medium scale enterprises.
12.	Dr. Hariprasad Chelamallu	Professor	Topics related to Kinematics, prerequisite for current Engineering Mechanics topics	Explained basic concepts related to Kinematics of particles

Sample Action Taken Report of the <u>Employer Feedback</u>

For the academic year 2020-2021, the feedback analysis was carried out on the basis of feedback given by 22 companies.

The scale used for the assessing the attributes is as follows-

Excellent-5;   Very Good-4;   Good-3;   Average-2;   Poor-1

Attributes	Average Score	Action taken
Technical Skills	3.64	Purchased online TechGig programming portal and conducted contest, collaborated with Coursera, conducted compulsory coding sessions for Non-CS/IT students.30 hours of Technology training started for all branches all years.
Communication Skills	3.68	Collaborated with Barclays Soft skill program and implemented it for all final year students.
Ability to work in team	3.64	Mini projects are introduced from 2nd year onwards to help the students inculcate the team building skills.

Leadership qualities	3.59	College promotes leadership qualities through Students Council, technical Chapters and Clubs, NSS team. Placement Volunteer Team to enhance the leadership
Interpersonal skills	3.95	College organises curricular, extra-curricular activities like Prayas, Pragati, IRIS, Mosaic and Social Service activities to develop interpersonal skills
Learning abilities	3.45	Provided students opportunities for self-learning on NPTEL, Coursera, Udemy and others
Project quality	3.68	Departments have created a rubric for assessing the quality of projects and the projects are monitored continuously.
Coordination from SFIT	4.09	A separate Placement cell infrastructure is created with interview rooms, auditorium exclusively for Placements.
Student Volunteer Support	4.45	--

Sample Action Taken Report of the <u>Alumni Feedback</u> for Academic Year 2020-2021

The Alumni feedback form calls for alumni to assess the attainment of program educational objectives of the specific program. In addition, the following information is sought for -

- Suggest some value-added courses/ activities to make our current students Industry ready and lay a foundation for them for lifelong learning
- What gap have you identified between your academics during your studentship and industry requirements?
- Mention a few current challenges that you face in the industry, in which SFIT could have helped you to learn during your studentship?
- Suggestions for improvement in curriculum design and development
- Any other suggestion(s)

S.No.	Feedback	Action Taken
1.	Workshop for latest technology	Skill development 30-hour courses conducted.
2.	More real-world use case driven assignments and projects	Students are encouraged to take up real world assignments and projects in SE/TE (mini projects) and BE projects.
3.	Provide support to students for Internships and industry recognised certifications	Internship cell provides support for internships. Training and placement cell organized industry recognized certification programs.

4.	Implementation based project work and less theory will be more helpful. Maybe an internship for engineering students would be an added advantage. Soft skills and presentation skills	Internship cell provides the help in internship for students. Training and placement cell has tie up with Barclays for providing soft skill training for our students.
5.	Greater number of mini projects, lesser quantity but thoughtful assignments and more application of learnt concepts	The curricula include mini project for Second- and Third-year students
6.	Exposure to entrepreneurship, sales & marketing, accounting & taxes must be included	All workshops/seminars conducted by E-Cell; Project competitions by E-Cell Prayas by FE department
7.	Introduce course giving overview of different roles in IT Industry and latest technologies in demand	More electives are offered and technical chapters are instructed to take seminars/webinars/ hands on latest technologies.
8.	Make the curriculum more industry relevant and offer more electives for specialisation	More electives are offered.
9.	Effective communication, behavioural training, Work-place ethics, work-life balance	Students are given additional training through assignments, presentations in Communication and ethics.
10.	Platform alumni to connect professionally after graduation	Official alumni website: https://sfitaa.sfit.ac.in/ Bi-yearly newsletter under the title Chrysalis Konnect is released to update the alumni about the events organized in the institute SFITAA is expanding our reach on social media platforms - Facebook, LinkedIn and Instagram. We have roughly 2000 followers on Instagram and 2500+ on LinkedIn. Annual Alumni Reunion Rekindle
11.	Interview preparation	Talk by industry experts actively involved in resource hiring right from Technical Manager to HR Consultant to Corporate HR groom students to be ready to get hired. Corporate hiring processes, structuring effective CV, updating social media profiles are other aspects covered in seminars.

12.	•	Courses related to financial planning and business management	Seminars to help get a head start on planning finances, allocating funds, investment, plan loans a webinar are held.

Signature of the Principal

(Dr. Sincy George)