



ACHARYA INSTITUTE OF TECHNOLOGY

Affiliated to Visvesvaraya Technological University, Belagavi, Govt. of Karnataka.
Approved by AICTE, New Delhi and Accredited by NBA and NAAC

1.4.1 Action Taken Reports

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ACHARYA INSTITUTE OF TECHNOLOGY
SOLDEVANAHALLI, BENGALURU - 560 107

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Action Taken Report on the Feedback Analysis

Sl.no	Year
1.	Action Taken Report 2023-24 Feedback Analysis 2023-24 (Stakeholders- Student, Faculty, Alumni, Employers, Parent)
2.	Action Taken Report 2022-23 Feedback Analysis 2022-23 (Stakeholders- Student, Faculty, Alumni, Employers, Parent)
3.	Action Taken Report 2021-22 Feedback Analysis 2021-22 (Stakeholders- Student, Faculty, Alumni, Employers, Parent)
4.	Action Taken Report 2020-21 Feedback Analysis 2020-21 (Stakeholders- Student, Faculty, Alumni, Employers, Parent)
5.	Action Taken Report 2019-20 Feedback Analysis 2019-20 (Stakeholders- Student, Faculty, Alumni, Employers, Parent)

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1.4.1

Stakeholders Feedback **Action Taken Reports** **2023-24**

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1.1 Student Feedback

1.1.4 Action Taken Report

The student satisfaction survey was conducted to assess the overall contentment of students across various departments regarding their educational experience. The survey aimed to gather insights into different aspects of college life, including the teaching and learning process, mentoring, extracurricular activities, and college infrastructure. Online student satisfaction survey received 1631 responses, primarily from undergraduate students and postgraduate students. The survey aimed to assess and understand the satisfaction levels and academic experiences of this diverse student population.

Methodology of survey

The survey was designed to be comprehensive and user-friendly, ensuring students could provide their feedback efficiently through google forms. Questions were crafted to cover multiple dimensions of the student experience:

1. Teaching and Learning Process
2. Mentoring and Support
3. Extracurricular Activities

Summary for the year 2023-2024

The recent student satisfaction survey revealed highly positive feedback across several key areas. An impressive 93% of students expressed satisfaction with the teaching and learning process. Extracurricular activities also gathered favorable feedback, with over 88% of students offering positive responses. Overall, these results highlight a strong level of satisfaction among students in various aspects of their college experience.

New initiatives to address the concerns of Students - To Enhance Employability

- The institute has collaborated with core engineering companies for skill development and certification

Proof: One of the initiative is provided: Siemens long-term course proposal

Responsibility: Skill development director


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1.2 Faculty Feedback

1.2.4 Action Taken Report

A survey involving 100 faculty members evaluated the 2023-24 curriculum based on its design, objectives, exposure to current developments, balance of theory and practice, and institutional support. The findings revealed 94% positive feedback. Faculty members commended the curriculum for its well-organized structure, clear objectives, pertinent outcomes, and up-to-date content. They also valued the balance between theoretical knowledge and practical application, alongside the robust support from the institution for student growth. The feedback suggested improvements such as more industry engagement and increased practical training opportunities. Overall, the faculty expressed high satisfaction with the curriculum offering constructive feedback for further enhancement.

New initiative to address the concerns of Faculty- To Improve TLP

- The institute has emphasized experiential based learning.
- One hour of additional classes to be incorporated as part of a timetable for problem solving and programming courses like mathematics, physics, python, etc..

Proof: 1. TimeTable Copy

Ex: Mathematics is a 4 credit course with 4 teaching hours as per VTU and the institute has allotted 5 hours in Timetable

Responsibility: Dean Academics

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2.2 Faculty Feedback

2.2.4 Action Taken Report

The feedback on curriculum is taken from Faculty's for every academic session for continuous improvement in curriculum design. The main purpose of this feedback is to collect the perceptions of faculty for the effectiveness of the curriculum and to fill the gap in the existing curriculum in order to meet the requirements of employers such as Engineering Industries, research and higher education institutions.

The collective feedback data is analysed and a consolidated report of the recommendations will be communicated to principal and academic council for possible incorporation in the curriculum.

We shall very much appreciate and be grateful to you if you can spare some of your valuable time to fill up this feedback form.

FACULTY FEEDBACK 2019-2020

A survey conducted among faculty members on the curriculum for 2019-20 assessed design, objectives and outcomes, exposure to latest developments, balance between theory and practical, and institute support for overall development. Results showed 93% positive feedback. Faculty praised the curriculum's structure, clear objectives, relevant outcomes, exposure to current trends, and balance between theory and practice. The institute's support for student development was also commended. The feedback suggested minor improvements in industry interaction and practical training. Overall, the curriculum received strong faculty approval with minimal suggestions for improvement.

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1.3 Alumni Feedback

1.3.4 Action Taken Report

The feedback on curriculum is taken from Alumni's, faculties and students for every academic session for continuous improvement in curriculum design. The main purpose of this feedback is to collect the perceptions of Alumni for the effectiveness of the curriculum and to fill the gap in the existing curriculum in order to meet the requirements of Engineering Industries, research and higher education institutions.

ALUMNI FEEDBACK (2023-2024)

A survey of alumni on the 2023-24 curriculum assessed its design, objectives, exposure to latest developments, balance of theory and practice, and overall institutional support. Results indicated 87% positive feedback. Alumni commended the curriculum for its well-structured design, clear objectives, relevant outcomes, and contemporary focus. They also appreciated the balance between theoretical and practical elements, along with robust institutional support for student development. The feedback suggested enhancements such as multidisciplinary courses and more practical training opportunities. Overall, the curriculum received high praise from alumni, with constructive suggestions for further improvement.

New initiative to address the concerns of Alumni - To Promote Multidisciplinary Studies

- The institute is offering Multidisciplinary elective courses and domain specific online courses (Coursera Specialization) to enhance the multidisciplinary approach for research problem statements and MOOC courses

Proof: 1. Open elective list as per domains and tracks of coursera specialization courses.

Responsibility: Dean Academics and Skill development director (Specialization courses)

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Mechatronics Engineering

2. Student feedback on TLP

2.4 ACTION TAKEN REPORT ON 2nd FACULTY FEEDBACK 2023-24 4th SEMESTER

SL NO	NAME OF THE FACULTY	ACADEMIC YEAR	SEMESTER	SECTION	Course Name	Course Code	Total Number of Eligible Students	Total No of Students given Feedback	Average feedback	Suggestions/ Appreciation
1	Prof. Nishchitha M H	2023-24	4	A	Microcontrollers and applications	BMT401	60	51	77.86%	Approved
2	Dr. Manjunath K N	2023-24	4	A	Electrical Drives and Control	BMT402	60	52	90.35%	Approved
3	Mr. Naveen Kumar S N	2023-24	4	A	Hydraulics and Pneumatics	BMT403	60	53	88.6%	Approved
4	Prof. Nishchitha M H Prof. Yashodha H N Sharvani G R	2023-24	4	A	Mechatronics Lab	BMT404	60	37,53,15	78%,92%,79	Approved
5	Prof. Sharvani G R	2023-24	4	A	IIOT	BMT405B	60	53	76.43%	Approved
6	Dr. Attel Manjunath	2023-24	4	A	CNC programming and simulation	BMT456C	60	53	93%	Approved

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3. Employers Feedback

3.4 Action Taken Report (ATR) on Feedback from Employers

Academic Year: 2023-24

1. Overview of Feedback from Employers:

Employers who have recruited graduates from the college provided feedback on various aspects of student performance and preparedness. Key areas of focus included:

- Technical Skills
- Soft Skills and Communication
- Industry Readiness
- Problem-Solving and Innovation
- Work Ethics and Professionalism

2. Key Feedback and Actions Taken:

Feedback Received	Action Taken	Outcome/Impact
1. Lack of advanced technical knowledge in emerging fields (e.g., AI, Data Science, IoT, etc.)	Interdisciplinary courses have been added. Faculty training and certification programs have been arranged in collaboration with industry experts.	Increased student enrolment in emerging technology courses. Improved student performance in technical interviews and specialized industry sectors.
2. Need for improved soft skills and communication	Introduced mandatory soft skills and communication workshops across all semesters. Collaboration with external trainers for advanced communication skills, group discussions, and interview simulations.	Noticeable improvement in communication abilities and professional demeanor among graduates.
3. Greater industry exposure and real-world problem-solving experience needed	Industry internships have been made mandatory, with stronger collaboration with industry partners for live projects. More industry visits	Higher percentage of students undertaking internships. Positive feedback from companies about improved job readiness.



4. Parents Feedback

4.4 Action Taken Report

Acharya Institute of Technology
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
BANGALORE-107

DATE: 05-08-2023

PARENT-TEACHERS MEETING REPORT (ATR)

The Department of Electronics and communication Engineering organised a Parent-teacher meeting on 05-08-2023. Invitations were sent to the parents of through whatapp, Email, SMS and Personal call. The Parents meet started at 10.00 A.M on 05-08-2023 at ECE Block. The meeting was chaired by Dr Rajeswari Prof and HOD, Department of ECE, proctors and Class teachers

The agenda of the Parent Teachers meeting were follows as,

1. Facilities provided for students in the department
- 2 Regarding Placement Training
- 3 Regarding Academic discipline
- 4 Any other issues

Discussion Summary

- The Parent teachers meet started at 10.00 A.M around 30 parents were present in the meeting and Dr Rajeswari , Prof and HOD welcomed all the parents gave a brief about the department.
- Discussed about attendance status and informed the rules and regulations of university and the effect of less attendance on marks
- She spoke about the placements and how students are groomed to take up the interviews and the various training given by the department as well as from the placement team.
- Discipline & attitude expectation from student - in academic circle
- Informed the parents what are the action taken for slow learners and weaker students like tutorial classes to improve slow learner results
- The attempts made to improve the performance of the students were discussed.
- Parents Feedback was taken through Feedback form and has been documented for reference.


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DEPARTMENT OF MECHATRONICS ENGINEERING

5. Exit Survey

5.4 ACTION TAKEN REPORT ON EXIT SURVEY 2023-24

There are 64 students response got from the exit survey conducted from the final year passing out students of batch 2023-24. The survey was conducted under sections: The sections were

- (1) Feedback on Curriculum
- (2) Feedback on Facilities
- (3) Feedback on Program Outcomes (POs)
- (4) Feedback on Program Specific Outcomes (PSOs):

The responses are attached. The questions are answered on the scale of 1 to 3 from lowest to highest satisfactory level.

Analysis of feedback on curriculum

% of students	Feedback
26.6%	Highly satisfactory
56.3%	Satisfactory
17.1%	Not satisfactory

Students have opined that electives which are in the emerging field (Automotive Engineering, Industrial robotics, Embedded systems, and Mathlab) has to be given. More practical courses should be included, Industry specific software training and hands on training ect., are the feedback given by the students. For example Hydraulics and Pneumatics subject is included with hydraulic and pneumatic experiments using rig as well to prepare simulation of the experiment using software.

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ATR: These suggested subjects are included in the 21 scheme and 22 scheme syllabuses with more emphasis on industry specific software and labs.

In feedback on facilities more than 90.6% of the students are satisfied with ambiance, lighting and ventilation of class rooms and laboratories and 90.6% satisfied with the efforts of our Institute to deliver online classes using ALIVE platform. 95.3% satisfied with Central Library facilities. 68.2% are satisfied with Placement support. 90.6% are satisfied with the support extended towards Sports /extra-curricular activities. Overall experience at Acharya Institute of Technology is rated to 90.6%.

ATR: Students are happy with ambiance, lighting and ventilation of class rooms and laboratories, use of ALIVE, and Central Library facilities. Placement training is going on with regular classes to improve the placement. Training sessions are implemented within the time table from 2nd year only so that the students ready for the placement during the final year.

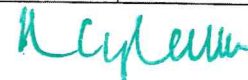
Sl.No	Questions	Responses	Action Plan	Action Taken
I Feedback on Curriculum				
1	What are the modifications/course inclusions (core and elective courses) you suggest to meet Industry requirements?	Industry specific software training and hands on training. More hands on experience for core subjects. Conducting workshops upto	Program has introduced IPCC courses for the scheme 2021. These courses have both theory and practical. The courses are ADE(21MT32), MSMT(21MT33) for third semester and EDC(1MT42) Hydraulics and Pneumatics	For improving the technical skills, ability enhancement course introduced by VTU and offered to the scheme 2021. They are Robotics Ecosystem 21MT384 for III semester and

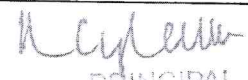
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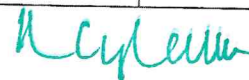
		industrial level. Conducting workshops upto industrial level. To give more of industrial knowledge and latest technology, Include more about the latest technological developments.	(21MT43) for IV semester. Planned to organize the guest lecture on requirement.	3-D Printing Technology (21MT482) for IV semester. Digital manufacturing workshop is conducted for students as value added course.
		Automotive Engineering. Embedded systems. UAV and nonconventional source energy. Adding ANSYS, FEA in the curriculum and more robotics	The department Planned to offer the new electives like Mechatronics Engineering, Robotics for Industry are offered for the III year and IV year students. There are AEC courses on FEA, and Embedded systems.	2023-24 academic year Signal Processing (21MT653) was given to VI semester MTE students.

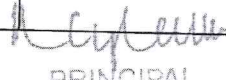
		content. Cyber security and cloud computing. Scada. Robotics.		
(2) Feedback on Facilities				
2	What are the modifications/course inclusions (laboratory courses) you suggest to meet Industry requirements?	Industrial robotics. matlab, PLC, Robotics, power electronics, hydraulic. Industrial applications. Including more automation courses would improve the quality of course.	PLC is one of the core IPCC subject for 6th sem students of 21 scheme. 3D printing lab will be introduced. MATLAB for Mechatronics will be included for 6 th semester 22 scheme students.	Power Electronics is given as professional elective for 21 scheme in 6th semester. During the same sem they study Industrial robotics along with Robotics lab. 3-D Printing Technology lab is introduced to both 21 and 22 scheme syllabus as Ability Enhancement Course / Skill Enhancement Course.


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3	Any other suggestions for curriculum improvement. (qualitative)	Do Industrial visit should be compulsory. Update new version syllabus. More practical knowledge in classrooms and industrial visits.	Industrial visits and field visits are being regularly conducted. Industrial visits and field visits will be scheduled as per necessity.	Syllabus is updated to new schemes with more practical subjects (Regular and AEC) and IPCC subjects. Industrial visits and field visits are being conducted regularly.
		Better Equipment	Automation lab will be established.	Budget is submitted, lab will be setup soon.
		Trained staff and professors are required at college end as professors to explain the subject properly.	Department got enough PhD holders and Research scholars. Planned to adopt innovative teaching methods.	Department got faculties of high potential and under goes continuous learning through FDPs, Online/Offline courses, etc., ICT tools are being used.
		More placements	Program planned to conduct more placement	Placement training started implementation

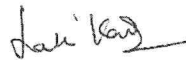

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		training	training starting from 2 nd year only. Identifying top performer from the assessment and naming them as super 100 students. These super 100 students will be given training based on their interest on IT sector.	from lower semester itself. Alumni and students interaction is a continuous practice. There students could know about outside job market and skills required.
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Signature of HOD

Signature of Principal


 COORDINATOR
 Internal Quality Assurance Cell
 Acharya Institute of Technology
 Bengaluru - 560107

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Stakeholders Feedback **Action Taken Reports** **2022-2023**


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1. STUDENT SATISFACTION SURVEY

1.4 Action Taken Report

ACTION TAKEN REPORT ON STUDENT SATISFACTION SURVEY 2022-2023

The student satisfaction survey was conducted to assess the overall contentment of students across various departments regarding their educational experience. The survey aimed to gather insights into different aspects of college life, including the teaching and learning process, mentoring, extracurricular activities, and college infrastructure. Online student satisfaction survey received **1145** responses, primarily from undergraduate students. The survey aimed to assess and understand the satisfaction levels and academic experiences of this diverse student population.

Methodology of survey

The survey was designed to be comprehensive and user-friendly, ensuring students could provide their feedback efficiently through online mode. Questions were crafted to cover multiple dimensions of the student experience:

1. Teaching and Learning Process
2. Mentoring and Support
3. Extracurricular Activities
4. College Infrastructure

Each question allowed students to rate their satisfaction on a scale, with additional space for comments to provide more detailed feedback.

Summary for the year 2022-2023

The recent student satisfaction survey revealed highly positive feedback across several key areas. An impressive 89% of students expressed satisfaction with the teaching and learning process. Mentoring received an even higher approval, with 52% of students giving positive responses. Extracurricular activities also garnered favourable feedback, with over 82% of students offering positive comments. The college infrastructure was particularly well-received, with 65% students providing positive feedback. Overall, these results highlight a strong level of satisfaction among students in various aspects of their college experience.

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Suggestions by students	Responsibility	Actions Plan	Action taken report	Proof Documents
Need shade for parking facility	Head of Maintenance	Provide shelter for the parking spaces	Addressed: Shade provided for Parking space	1: Photos of Parking lot
Need more industry collaboration	International office of collaborations	Collaborate and sign MoU with industries	Collaboration and MoU have been signed with at least one industry per department to increase the possibility of industrial collaborations	2: MoUs with collaborators
Need permissions to participate and plan for more to cultural activities	Cultural Coordinator	Plan to send students to participate in inter and intra college cultural activities.	Students have participated in multiple events outside college and won many awards.	3: Number of cultural activities year-wise

Links of google form

<https://forms.gle/Tfz7fnrxju2CHamS9>

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2.1 Student Feedback

2.1.4 Action Taken Report

The feedback on curriculum is taken from student's for every academic session for continuous improvement in curriculum design. The main purpose of this feedback is to collect the perceptions of students for the effectiveness of the curriculum and to fill the gap in the existing curriculum in order to meet the requirements of employers such as Engineering Industries, research and higher education institutions.

The collective feedback data is analyzed and a consolidated report of the recommendations will be communicated to principal and academic council for possible incorporation in the curriculum.

We shall very much appreciate and be grateful to you if you can spare some of your valuable time to fill up this feedback form.

STUDENTS FEEDBACK 2022-2023

A thorough assessment involving 998 students scrutinized the 2022-23 curriculum, encompassing aspects such as design, objectives, balance between theory and practice, and institutional support. Results revealed a predominantly positive outlook, with 93% expressing satisfaction. While the majority of students endorsed the curriculum, concerns were raised regarding specific areas. Suggestions for improvement centered on enhancing practical application opportunities and increasing alignment with current industry trends. Despite the overall positive sentiment, the feedback underscores the importance of ongoing refinement to ensure the curriculum remains responsive to the evolving needs of students and the broader professional landscape.

Google form link : <https://forms.gle/dnwP9FFAbTRqEntFA>

New initiative to address the concern of Students -To Improve Experiential Learning

- The institute has integrated more practical, hands-on experiences such as internships, industry projects, lab work, simulations, and field visits into the curriculum

Proof: VTU Syllabus and scheme highlighting internships and projects, Field-visit report

Responsibility: Dean Academics

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2.2 Faculty Feedback

2.2.4 Action Taken Report

The feedback on curriculum is taken from Faculty's for every academic session for continuous improvement in curriculum design. The main purpose of this feedback is to collect the perceptions of faculty for the effectiveness of the curriculum and to fill the gap in the existing curriculum in order to meet the requirements of employers such as Engineering Industries, research and higher education institutions.

FACULTY FEEDBACK (2022-2023)

A comprehensive evaluation involving 102 faculty members scrutinized the 2022-23 curriculum, focusing on its structure, goals, relevance to current trends, blend of theory and practice, and institutional backing for faculty advancement. Results depicted a predominantly positive sentiment, with 93% expressing contentment. Faculty commended the curriculum's organization, clarity of objectives, alignment with contemporary dynamics, and harmonious integration of theory and practical elements. They also acknowledged institutional support for their professional growth. Suggestions for refinement included fostering deeper industry connections and enhancing practical training opportunities. In essence, while the majority of faculty members endorsed the curriculum, there were insightful recommendations for further enhancement.

Google form link

<https://forms.gle/wQdUiHrSDUmrTzGu7>

New initiatives to address the concerns of the Faculty - To Enhance Employability

- The institute has insisted every program to set a target to organize a value added course (at least 30 hours) every semester.

Proof: 2022 VTU Scheme copy, Number and list of value added programs conducted

Responsibility: Internship Coordinator for providing index copy of internships in department, Dean Academics

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2.3 Alumni Feedback

2.3.4 Action Taken Report

Internal feedback systems are important for the growth of every entity and as Higher Education Institutions are gradually defining new routes for greater accountability and teaching effectiveness, feedback systems provide some answers to improvement in educational outcomes. The feedback system would ensure that information regarding the performance of the various key stakeholders in the institution have adequate information to help them improve upon performance. The feedback on curriculum is taken from Alumni's, faculties and students for every academic session for continuous improvement in curriculum design. The main purpose of this feedback is to collect the perceptions of Alumni for the effectiveness of the curriculum and to fill the gap in the existing curriculum in order to meet the requirements of Engineering Industries, research and higher education institutions.

ALUMNI FEEDBACK (2022-2023)

An extensive evaluation involving 118 alumni examined the 2022-23 curriculum, with a primary focus on its capacity to provide exposure to the latest developments. The survey delved into various aspects including design, objectives, balance of theory and practice, and institutional support for alumni. Results highlighted a significant proportion of positive feedback. The curriculum's ability to offer exposure to recent developments emerged as a major concern. While some alumni praised the curriculum's structure and objectives, the majority voiced reservations regarding its relevance to current trends. Suggestions for improvement encompassed enhancing the curriculum's responsiveness to industry advancements and fostering more dynamic learning experiences. Overall, the survey underscored the imperative for curriculum refinement to better align with the evolving landscape of industry practices and innovations.

Google form link : <https://forms.gle/N7mpDLQQMD274VJA7>

New initiative to address the concern of Alumni - To Improve Industrial Process Learning

- The institute has made it mandatory to schedule Field/industrial visits for every domain.

Proof: Industrial Visit Reports of Jalajashree Farms and Domaine Sula provided as samples.

Responsibility: Industrial Visit Coordinator (Department-wise)

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DEPARTMENT OF MECHATRONICS ENGINEERING

3.4 ACTION TAKEN REPORT ON FACULTY FEED BACK 2022-23 5TH SEMESTER

Feedback-1

SL NO	NAME OF THE FACULTY	SEMESTER	SECTION	Course Name	Course Code	Average Feedback	No of Students	HOD REMARKS	Signature of the Faculty
1	Mr. Sandeep K	5	A	Technology Innovation Management and Entrepreneurship	18MT51	59.76%	38	Counselled the faculty. The faculty is reluctant to even learn about the parameters where he is lacking. He was strictly instructed to improve.	Sand
2	Mr. Gopalareddy	5	A	Design and analysis of Machine elements	18MT52	95.61%	44	APPRECIATED	Gopalareddy
3	Ms. Nishchitha M H	5	A	Virtual Instrumentation	18MT53	89.92%	12	VERY GOOD	Nishchitha
4	Mr. Naveen Kumar S	5	A	Hydraulics and Pneumatics	18MT54	92.37%	27	APPRECIATED	Naveen
5	Mrs. Bhagirathi Bai V	5	A	Wireless network and Communication	18MT56	84.86%	51	APPRECIATED	Bhagirathi
6	Ms. Nishchitha M H	5	A	Virtual Instrumentation Laboratory	18MTL57	97.89%	18	APPRECIATED	Nishchitha
7	Mr. Gopalareddy	5	A	MSST-Laboratory	18MTL58	100.00%	9	APPRECIATED	Gopalareddy

HOD, MTE

HEAD OF THE DEPARTMENT
Mechatronics Engineering
ACHARYA INSTITUTE OF TECHNOLOGY
Bengaluru-107

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4. Employers Feedback

4.4 Action Taken Report (ATR) on Feedback from Employers

Academic Year: 2022-23

1. Overview of Feedback from Employers:

Employers who have recruited graduates from the college provided feedback on various aspects of student performance and preparedness. Key areas of focus included:

- Technical Skills
- Soft Skills and Communication
- Industry Readiness
- Problem-Solving and Innovation
- Work Ethics and Professionalism

2. Key Feedback and Actions Taken:

Feedback Received	Action Taken	Outcome/Impact
1. Lack of advanced technical knowledge in emerging fields (e.g., AI, Data Science, IoT, etc.)	Interdisciplinary courses have been added. Faculty training and certification programs have been arranged in collaboration with industry experts.	Increased student enrolment in emerging technology courses. Improved student performance in technical interviews and specialized industry sectors.
2. Need for improved soft skills and communication	Introduced mandatory soft skills and communication workshops across all semesters. Collaboration with external trainers for advanced communication skills, group discussions, and interview simulations.	Noticeable improvement in communication abilities and professional demeanor among graduates.
3. Greater industry exposure and real-world problem-solving experience needed	Industry internships have been made mandatory, with stronger collaboration with industry partners for live projects. More industry visits	Higher percentage of students undertaking internships. Positive feedback from companies about improved job readiness.



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Feedback Received	Action Taken	Outcome/Impact
	and guest lectures are organized.	
4. Lack of understanding of real-world industrial tools and technologies	Established partnerships with industries for the setup of innovation labs, providing hands-on experience with industry-grade tools and technologies.	Students are now proficient in using industry tools, improving their performance during practical assessments and placements.
5. Suggestions for continuous learning and upskilling	Launched continuous education programs and certifications through MOOCs (e.g., NPTEL, Coursera). Encouraged participation in professional societies like IEEE, ACM, etc.	Students show increased participation in online certifications and professional society activities, which has been positively reflected in their job profiles.

3. Regular reviews with faculty, students, and employers ensure that these actions lead to improved outcomes.

- **Regular Employer Feedback:** Employers will continue to provide feedback post-recruitment, and adjustments will be made to curriculum and training programs as needed.
- **Alumni Engagement:** Alumni currently working in relevant fields are engaged to mentor students on evolving industry trends.

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5. Parents Feedback

Acharya Institute of Technology

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
BANGALORE-107

DATE: 30/07/2022

5.4 Action Taken Report

The Department of Electronics and communication Engineering organised a Parent-teacher meeting on 30-7-22 at 10.30 am. The main purpose of meet was to create a common platform, where teacher and parents come together to enrich the student's educational experiences and discuss variety of issues, regarding all round development of students. Invitations were sent to the parents of 2ndSem and 4thSem through whatsappSMS and Personal call.

The agenda of the Parent Teachers meeting were follows as,

1. Welcome and Introduction of teachers .
2. About the department
- 3 Facilities provided for students in the department
- 4 Discussions with Faculty Members

Commencement of parent teacher meeting at the Department at 10.30am All Parents are requested to come and meet the Teachers of their wards and discuss about their progress. Parent teacher meeting is a prominent and notable feature of the curriculum. The purpose of parents and teachers meeting is to work closely together to discuss the growth of their wards and identify solutions to issues that are impeding that development.

The meeting was organised under guidance of Dr Rajeswari Prof and HOD department of ECE and by Prof Nagapushpa K.P. Welcome address and introductory speech was proposed by Mrs Deepti Faculty Department of ECE and then all faculty members were introduced to the parents.

Head of the Department Dr.Rajeswari took over the session and gave a brief about our department. She gave a picture of the total strength of the students, faculty and supporting staff in the department.

1. She informed to the parents about the discipline to be imbibed in the students and the measures taken by the faculty to groom the students such as correcting their attitude, punctuality etc...
2. She spoke about the proctorial system and how parents can know the students' performance in the college by interacting with the Proctors.
3. She emphasized in large about the general grooming and knowledge to be developed by the students, they ought to learn to handle the situation independently. Students of 2nd and 4th semester are also encouraged to do the projects and as a result they have done small innovative projects.

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Acharya Institute of Technology
Department of Electrical and Electronics Engineering

6. Exit Survey

6.4 Action Taken Report -Exit survey (2022-23)

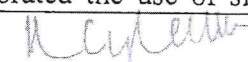
Sl No	Questions	Inputs/ Feedback given by students	Action Taken
1	Modifications/course inclusions (core and elective courses) to meet Industry requirements?	Make more practical subjects compared to theoretical subjects	Under the implementation of the National Education Policy (NEP), VTU has introduced the incorporation of ability enhancement labs or practicals along the theory subjects.
2		Elective courses during our four years were very limited, and we were not able to take up the core IT subjects.	The allocation of elective subjects, offered by VTU, will be based on a first-come, first-served basis through a Google Sheet. A minimum of 20 students per elective subject is expected for enrolment.
3		Chosen open elective should be given to students, I had not got the subject I wanted to study in my course.	The allocation of elective subjects, offered by VTU, will be based on a first-come, first-served basis through a Google Sheet. A minimum of 20 students per elective subject is expected for enrolment
4		Provide more industrial visits	1.Organised Industrial visit and Tech expo


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5		Include more of industry-oriented courses in VLSI and Embedded Systems, automation etc.	Conducted Summer and Winter Schools in VLSI and Embedded systems.
6		Machine learning with python should have more practical sessions to understand the concept	1. The faculty have taken extra classes and labs to enhance their understanding of machine learning with Python. 2. Arranged a technical talks on "Current trends in Machine learning" by Fasal Wolkus Technology Solutions Private Limited, Sandlogic.
7		Some Core Hands-on Programming Skills for Embedded Systems	Conducted Summer school on "Embedded system and IOT" in association with FASAL and IEEE student chapter from 14th to 25th March 2023
8		Expected more programming languages to be taught from college	Hands on sessions are conducted for all programming subjects by the faculty.
9	Modifications/course inclusions (laboratory courses) to meet Industry requirements	Lab sessions can be a bit more flexible.	Provided according to university norms
10		New Components, devices and instruments required	Updated/purchased as and when curriculum changes.
11		Laboratory should be more interactive	Faculty members Encourage students to actively participate in experiments by providing them with opportunities for hands-on learning. This could involve allowing students to perform experiments themselves, under appropriate supervision. Incorporated the use of simulation


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			software to provide students with hands-on experiences. In addition to faculty-led demonstrations, involve students in the demonstration process. Encourage them to participate actively, ask questions, and interact with the equipment or materials being demonstrated.
12		More programming skills.	1. Conducted Summer school on "Digital IC design using Cadence tools" in association with SiyaCon technologies and IEEE student chapter on 14th to 25th March 2023. 2. Conducted Summer school on "Embedded system and IOT" in association with FASAL and IEEE student chapter on 14th to 25th March 2023.
13		Hands on with latest technologies	Hands on sessions are conducted for all programming subjects by the faculty.
14		Few more components and equipment's	Department update and purchase new components and equipment for labs as and when the curriculum changes.
15		More practical knowledge and projects instead of writing assignments.	Additional projects are given for few students as assignments
16		More time for labs	According to university norms, a specific duration is allotted for lab sessions. However, if necessary, faculty members are willing to spend extra time in the lab to support students, beyond the allotted university norms.

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17		More number of classes to be provided and expect the hands-on sessions with the different boards	We have in our lab's boards -Raspberry Pi, node MCU, TI boards. Interfacing - LED, buzzer, ultrasonic sensor, IR sensor, 7 segment, DTH sensor, servo motor. With these boards faculty provide hands on session during summer and winter schools. Summer school on "Digital IC design using Cadence tools" in association with SiyaCon technologies and IEEE student chapter from 14 th to 25 th Mar 2023
18		Should provide recorded lab video	Teachers have created you tube Videos on Embedded Systems Lab, HDL lab, Labview, programming basics, Embedded C, Basic programming for 8051, Microcontroller Lab, DSDV lab, communication systems and Control Systems and shared to students.
19	Suggestions for curriculum improvement.	Teach the subjects that are being used in the current industry.	VTU has updated the syllabus according to NEP which satisfies the industry standards.
20	(qualitative)	Instead of theoretical they should focus more on practical, taking students to industrial visits and conducting workshops which should be mandatory	A Month-long summer / winter schools conducted to upskill the students in IOT, ML, and relevant domains. Students were taken to industrial visits @ BIEC, IISc,.etc. we will increase the frequency of visits for better usefulness.

A. Chellappa

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21		Placement training should be increased more than now	Two weeks of soft skill training conducted for 2 nd , 4 th and 6 th Sem students to better prepare for the campus placements. The trainings include quantitative, logical reasoning, English and problem-solving skills In the coming years more emphasis will be given towards practice the learnings through different platforms (Bizotic, Examly,)
22		More internships by the time we finish our academic tenure.	Now its mandatory for all the students to do internship as per VTU curriculum. 1 internship mandatory for 18 schemes in the final year, 3 internships are mandatory for 21 schemes. For AY 2021-22, 129 students have done internships in different companies. AY 2022-23, 127(18 scheme) and 140(21 scheme) students done internship in different companies.
23		Want to see more core companies in placements	Some of the core companies visited the campus are Tech Mahindra, Evertz, NTT Data, Ribbon Communications, Mu Sigma, Tech Mahindra, Tata Elxsi... (30+ core companies visited the campus) We will plan to bring a greater number of core companies to campus
24		Need extra curriculum activities	Department supported max students to participate in different sports activities and cultural programs during Acharya Habba which was held in the month of April-May 2023.


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1.4.1 **Stakeholders Feedback** **Action Taken Reports** **2021-2022**

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1. STUDENT SATISFACTION SURVEY

1.4 Action Taken Report

Suggestions by students	Responsibility	Actions Plan	Action taken report	Proof document
Make student feedback more effective by considering it and valuing it.	IQAC	Plan to implement the student suggestions	Addressed: Every year a student survey has been taken and incorporated necessary changes in academics, placements and laboratories by bringing it to the notice of dean academics, placement officers and HODs respectively.	1: Google forms links for the past years
Concept should be taught in a more innovative way.	Dean Academics	Plan to incorporate ICTs to the courses	Addressed: The institute has instructed the faculty to inculcate animations, simulations, videos and ICT (assessment and discussions) for the courses.	2: PPTs, with links of animation and quizzes


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2.1 Student Feedback

2.1.4 Action Taken Report

A thorough evaluation involving 281 students assessed the 2021-22 curriculum, examining its structure, objectives, alignment with current trends, balance of theoretical and practical aspects, and institutional support for student development. The findings indicated a predominantly positive response, with 92% satisfaction. Students praised the curriculum's organization, clarity of goals, relevance to contemporary contexts, and integration of theory and practice. They also acknowledged the institution's commitment to their overall growth. Suggestions for improvement included increasing industry engagement and enhancing practical training opportunities. Overall, while most students endorsed the curriculum, there were constructive recommendations for further enhancement.

New initiatives to address the concerns of Students - To Enhance Fundamental Understanding of Concepts

- The institute has addressed this by incorporating practical components as part of the course known as Integrated Professional Competence Courses (IPCC). *Proof - Doc - 1*

New initiatives to address the concern of Students- To Enhance Employability

- The institute has obtained suggestions from DAB members related to latest development and job requirements in the respective domain during DAB meetings and augmented the curriculum.

Proof: 1. Augmented Syllabus, 2. MOOC course numbers (year wise)

Responsibility: Dean Academics, Skill Development Director

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2.2 Faculty Feedback

2.2.4 Action Taken Report

A survey involving 21 faculty members evaluated the 2021-22 curriculum based on its design, objectives, exposure to current developments, balance of theory and practice, and institutional support. The findings revealed 90% positive feedback. Faculty members commended the curriculum for its well-organized structure, clear objectives, pertinent outcomes, and up-to-date content. They also valued the balance between theoretical knowledge and practical application, alongside the robust support from the institution for student growth. The feedback also suggested improvements such as more industry engagement and increased practical training opportunities. Overall, the faculty expressed high satisfaction with the curriculum, offering constructive feedback for further enhancement.

New initiatives to address the concerns of Faculty - To Improve TLP

- The institute has advised faculty to engage students more through experiential/simulation based learning and case studies to enhance teaching-learning process.

Proof: A report of experiential/simulation or case studies provided

Responsibility: Dean Academics


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2.3 Alumni Feedback

2.3.4 Action Taken Report

A survey of alumni on the 2021-22 curriculum assessed its design, objectives, exposure to latest developments, balance of theory and practice, and overall institutional support. Results indicated 88% positive feedback. Alumni commended the curriculum for its well-structured design, clear objectives, relevant outcomes, and contemporary focus. They also appreciated the balance between theoretical and practical elements, along with robust institutional support for student development. The feedback suggested enhancements such as increased industry interaction and more practical training opportunities. Overall, the curriculum received high praise from alumni, with constructive suggestions for further improvement.

New initiative to address the concerns of the Alumni - To Increase Employability

- The institute has incorporated and rolled out value added programs by consulting experts from various industries and organizations.

Proof: DAB Minutes of Meeting, Report of Value added program.

Sample Proof: "Extraction of essential oils from herbs" enclosed.

Responsibility: DAB secretary of every department

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3.4 Action Taken Report

Sl No	Faculty Name	Academic Year	Semester	Section	Course Name	Course Code	Number of Students	Average feedback	Suggestions / Appreciation
1	Prof. Liny P	2021-2022	6	A	Bioprocess Equipment Design&CAED	18B162	22	92.64%	Solve more numericals to better understand of the subject.
2	Mr Pruthvish R	2021-2022	6	A	Bioinformatics	18BT63	24	90.29%	Blue book correction to be done timely manner.
3	Dr Ashutosh	2021-2022	6	A	Food Process Engineering	18BT64	26	94.15%	Evaluate blue books and Assignment on time.
4	Dr S Shilpa	2021-2022	6	A	Biology For Engineering	18BT65	25	92.4%	Try to use black board effectively.

Sundar TB
HOD Biotechnology 16/6/2022
HOD, Biotech.
Department of Biotechnology
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Soldevanahalli, Bangalore 560 107

RS
17/6/22
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4.4 Action Taken Report

To enhance our academic activities and better support our students, we conducted a survey with employers who have hired our graduates. The feedback was very positive, with both employers rating our graduates' performance as "Good" or "Very Good." They praised the graduates' technical skills, professionalism, and adaptability, while also suggesting improvements in hands-on experience and soft skills. This valuable input will help us refine our academic programs to better prepare our students for their professional careers

ATR ON EMPLOYERS SURVEY 2021-2022

Suggestions	Action Plan	Action Taken
Need to improve communication skill	To incorporate soft skills as a part of training	Trainings were incorporated as a part of in-campus learning
Need more practical oriented exposure	To upskill existing labs	Labs across campus are incorporated with new equipment

Signature of IQAC

Signature of Principal

COORDINATOR
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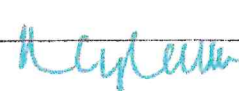
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
BANGALORE-107

DATE: 30/07/2022

5.4 Feedback Analysis of Stakeholders and Action Taken Report

Sl. No.	Stakeholder	Feedback	Action Taken
1	Parents	Need training in Personality development and communication skills Parents are suggested to have intensive placement training program for the students Training programs are needed in the recent technologies like artificial intelligence and machine learning	Mentors (Faculty) are allotted to train students' personality development and communication skills. Placement training programs are started from the first year itself to improve the effectiveness during the placement drives. Some of the students are encouraged to go for internship to increase the possibilities to get placed in core companies Encouraged Students to enroll in summer and winter school to get update on recent technologies and motivated them to do mini projects which is conducted in the department during vacation


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6. Exit Survey

6.4 Action Taken Report

Department of Biotechnology

Exit Survey Report 2021-22

Suggestion Area	Feedback/Suggestions	Action Plan	Action Taken
Curriculum	- Include more industry-relevant courses - Increase real-time projects and practical exposure	- Revise curriculum with elective courses on emerging technologies - Collaborate with industry experts for guest lectures	- Revised curriculum with new elective courses - Organized guest lectures by industry professionals - Added live projects and internships
Infrastructure	- Improve lab facilities - Enhance classroom technology - More study spaces needed	- Upgrade lab equipment - Install smart boards in classrooms - Create additional study zones	- Upgraded labs with modern equipment - Installed smart AV systems in classrooms - Designated quiet study areas in the library
Employability	- More focus on soft skills and interview preparation - Improve networking opportunities	- Organize soft skills workshops and mock interviews - Conduct networking events and job fairs	- Held workshops on resume building, interviews - Arranged job fairs and industry interactions with alumni support

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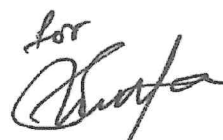
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Extracurricular Activities	- Increase variety in extracurricular activities - More club options for arts, sports, technology	- Introduce new clubs for arts, sports, and tech - Allocate time for extracurricular activities in academic calendar	- Launched new student clubs and organized sports/art events - Allocated specific time slots for extracurricular activities
Placement Support	- Better support for placements - More on-campus interviews - Personalized career counseling	- Strengthen partnerships with industry for recruitment - Launch dedicated placement portal - Offer personalized counseling	- Increased the number of recruiters for campus drives - Launched a new placement portal - Offered one-on-one career counseling sessions

for

HOD

Department of Biotechnology
Acharya Institute of Technology
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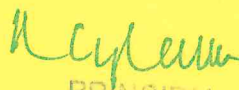


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1.4.1

Stakeholders Feedback **Action Taken Reports** **2020-2021**


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1. Student Satisfaction Survey

1.4 Action Taken Report

The student satisfaction survey was conducted to assess the overall contentment of students across various departments regarding their educational experience. The survey aimed to gather insights into different aspects of college life, including the teaching and learning process, mentoring, extracurricular activities, and college infrastructure. Online student satisfaction survey received **1,863** responses over **93%** were undergraduate students, while the remaining were postgraduate students. The survey aimed to assess and understand the satisfaction levels and academic experiences of this diverse student population.

Methodology of survey

The survey was designed to be comprehensive and user-friendly, ensuring students could provide their feedback efficiently. Questions were crafted to cover multiple dimensions of the student experience:

1. Teaching and Learning Process
2. Mentoring and Support
3. Extracurricular Activities
4. College Infrastructure

Each question allowed students to rate their satisfaction on a scale, with additional space for comments to provide more detailed feedback.

Summary for the year 2020-2021

The recent student satisfaction survey revealed highly positive feedback across several key areas. An impressive 87% of students expressed satisfaction with the teaching and learning process. Mentoring received an even higher approval, with 87% of students giving positive responses. Online teaching also garnered favorable feedback, with over 80% of students offering positive comments. The college infrastructure was particularly well-received, with 88% of students providing positive feedback. Overall, these results highlight a strong level of satisfaction among students in various aspects of their college experience.

Links of google form

SSS(2020-2021) - Google Forms

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Suggestions by students	Responsibility	Actions Plan	Action taken report	Proofs documents
Courses to describe the process or approach of research to be added .	BOE & BOS to inform University and reframe the syllabus	Plan to include research methodology into the curriculum	Addressed: Research methodology paper included in the curriculum.	1: RM-IPR Syllabus
Faculty should discuss student's performance after exams	Dean Academics	Faculty and Proctors to discuss the students' performance after every internal.	Dean academics instructed faculty and proctors to discuss the scheme of evaluation after the internal assessment. Proctors to Schedule proctors meeting once in a 15 days to discuss students' progress.	2: 1.Minutes of meeting of ACM 2.2 Proctors meeting details
Issues with LMS	LMS coordinator	Enhanced features to be incorporated	Polling, automated attendance and plugin incorporation	Proof 3: Advanced Features of Alive Platform
More soft skills training to be provided.	Training and Placement Cell	Plan to allocate more contact hours for soft skill training	Training cell is established to assign more hours to train the students. extracurricular activities.	Proof 4: Soft Skill Training Schedule

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2.1 Student feedback

2.1.4 Action Taken Report

STUDENTS FEEDBACK REPORT 2020-21

A survey was conducted among 1896 students on the curriculum for 2020-21, assessing design, objectives and outcomes, exposure to latest developments, balance between theory and practical, and institute support for overall development. Results showed 94% positive feedback. Students praised the curriculum's structure, clear objectives, relevant outcomes, exposure to current trends, and balance between theory and practice. The institute's support for student development was also commended. The feedback also pointed towards areas needing improvement, such as more industry interaction and practical training. Overall, the curriculum received strong student approval with some suggestions for enhancement.

Google form: <https://forms.gle/j6fH4MR1Uu6sDGe2A>

New initiative to address the concern of Students - To Improve LMS

- The institute upgraded the in-house LMS platform ALIVE where they could poll, take attendance and plug-ins could be added which was well received by the students

Proof: Excerpt from Manual of ALIVE platform enclosed

Responsibility: Dean Academics

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2.2 Faculty Feedback

2.2.4 Action Taken Report

The feedback on curriculum is taken from Faculty's for every academic session for continuous improvement in curriculum design. The main purpose of this feedback is to collect the perceptions of faculty for the effectiveness of the curriculum and to fill the gap in the existing curriculum in order to meet the requirements of employers such as Engineering Industries, research and higher education institutions.

The collective feedback data is analyzed and a consolidated report of the recommendations will be communicated to principal and academic council for possible incorporation in the curriculum.

We shall very much appreciate and be grateful to you if you can spare some of your valuable time to fill up this feedback form.

FACULTY FEEDBACK 2020-2021

A survey conducted among 156 faculty members on the curriculum for 2020-21 assessed design, objectives and outcomes, exposure to latest developments, balance between theory and practical, and institute support for overall development. Results showed 95% positive feedback. Faculty praised the curriculum's structure, clear objectives, relevant outcomes, exposure to current trends, and balance between theory and practice. The institute's support for student development was also commended. The feedback also suggested minor improvements in industry interaction and practical training. Overall, the curriculum received strong faculty approval with minimal suggestions for enhancement.

Google form

<https://forms.gle/LHgRJPV7gikUBm8v6>

New initiatives to address the concern of Faculty - to improve TLP online

- The Institute supported the faculty to improve TLP through animation and quizzes

Proof: Sample of Quiz links and animation cover page included in the course material enclosed

Responsibility: Dean Academics

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2.3 Alumni Feedback

2.3.4 Action Taken Report

The feedback on curriculum is taken from Alumni's, faculties and students for every academic session for continuous improvement in curriculum design. The main purpose of this feedback is to collect the perceptions of Alumni for the effectiveness of the curriculum and to fill the gap in the existing curriculum in order to meet the requirements of Engineering Industries, research and higher education institutions.

ALUMNI FEEDBACK (2020-2021)

A survey conducted among 531 alumni on the curriculum for 2020-21 assessed design, objectives and outcomes, exposure to latest developments, balance between theory and practical, and institute support for overall development. Results showed 85% positive feedback. Alumni praised the curriculum's structure, clear objectives, relevant outcomes, exposure to current trends, and balance between theory and practice. Institute support for student development was also commended. The feedback also highlighted areas for improvement, such as more industry interaction and practical training. Overall, the curriculum received strong alumni approval with some suggestions for enhancement.

Google form: <https://forms.gle/DPYfYHffSpL1qF8H6>

New initiative to address the concerns of Alumni - To improve employability

- The institute has incorporated more skill development trainings as suggested by the alumni

Proof: List of trainings conducted in the year 2020 - 2021

Responsibility: Soft Skills Coordinator

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3. Student Feedback on TLP

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DEPARTMENT OF BIOTECHNOLOGY

ACHARYA

3.4 ACTION TAKEN REPORT ON FACULTY FEED BACK 2020-21 4th SEMESTER

Sl No	Faculty Name	Academic Year	Semester	Section	Course Name	Course Code	Number of Students	Average feedback	Suggestions / Appreciation
1	Dr. Akhela U Aradhya	2021-2022	4	A	Stoichiometry	18BT41	23	87%	Good, more clarity on topics needed.
2	Dr. Ismail Shareef M	2021-2022	A	A	Molecular Biology	18BT42	24	93.88%	Good performance
3	Dr Ashalatha	2021-2022	4	A	Immunotechnology	18BT43	23	84%	Try to be ontime to the class and provide more information on topics.
4	Dr S Shilpa	2021-2022	4	A	Cell Culture Techniques	18BT44	23	92.78%	Good performance.
5	Prof. Liny P	2021-2022	4	A	Biochemical Thermodynamics	18BT45	24	85.88%	Solve more problems to understand theory topics.
6	Dr Thriveni V	2021-2022	4	A	Clinical Biochemistry	18BT46	24	90.33%	Good, try to give creative assignments.

Sunitha TB
HOD, Biotech
Department of Biotechnology

13/07/2021

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N. E. Prasad
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4. Employers Feedback

4.4 Action Taken Report

Consolidated summary of Employers report

Action Taken Report on Employer Feedback 2020

Observation /Comments	HOD remarks
The employers suggested to have more collaborations with industries They expressed that syllabus needs to be refined according to industrial requirements. In addition, the PEOs and PSOs needs to be defined accordingly. The students have to be trained to perform on technical, team work dynamics and managerial activities More industrial visits needs to be implemented Employers have appreciated the quality of the students	Department is working towards to connect with industries. Recently we have done 2 MOUs to have active collaboration As Department is affiliated to VTU, augmented skillset based syllabus are regularly implemented Based on employers inputs, we have student business proposals and interdisciplinary research work are adopted It is a continuous process and we are striving to get holistic development of the student

R.D.S.

[Signature]

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[Signature] TB

12/8/2022

Head of the Department
Department of Biotechnology
Acharya Institute Of Technology
Soldevanahalli, Bengaluru - 560 107

[Signature]

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5. Parents Feedback

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5.4 Action Taken Report

Based on the feedback received from parents in our recent survey evaluating the effectiveness of our academic programs in preparing students for the workforce, the results have been highly encouraging. The majority of parents expressed satisfaction with how well our graduates performed, with many indicating their children's readiness for professional environments as "Good" or "Very Good." Parents particularly highlighted their appreciation for the technical skills, professional mannerism, and adaptability displayed by our graduates. However, they also emphasized the importance of enhancing hands-on experiences and further developing soft skills such as communication, teamwork, and problem-solving. This valuable feedback from parents will guide our efforts to continually enhance our educational offerings. We are committed to integrating these insights into our curriculum planning and program development initiatives, ensuring that we not only maintain but also improve our ability to prepare students effectively for successful careers in their chosen fields. By addressing these areas of improvement based on parental feedback, we aim to strengthen our programs' alignment with industry expectations and better support our students' overall career readiness and success.

Signature of IQAC

COORDINATOR
Internal Quality Assurance Cell
Acharya Institute of Technology
Bengaluru

Signature of Principal

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

6. Exit Survey

6.4 ACTION TAKEN REPORT ON EXIT SURVEY 2020-21

There are 15 students response got from the exit survey conducted from the final year passing out students of batch 2020-21. The survey was conducted under sections: The sections were

- (1) Feedback on Curriculum
- (2) Feedback on Facilities
- (3) Feedback on Program Outcomes (POs)
- (4) Feedback on Program Specific Outcomes (PSOs):

The responses are attached. The questions are answered on the scale of 1 to 3 from lowest to highest satisfactory level.

Analysis of feedback on curriculum/syllabus prescribed got 62.3% students satisfaction. 86.7% satisfaction shown towards support and encouragement extended towards co-curricular. Industry-Institute-Interactions (industrial visits,expert talks etc.,) of 73.3%.

This data shows there is a need for improvement in this area. Also the syllabus was new to the students hence it is a bit of challenging curriculum/syllabus to the students.

Feedback on domain knowledge and teaching methodologies of faculties shows about 93.3% satisfaction. In feedback on facilities more than 86.7% of the students are satisfied with ambiance, lighting and ventilation of class rooms and laboratories and 93.3% satisfied with the efforts of our Institute to deliver online classes using ALIVE platform. 93.3% satisfied with Central Library facilities. 80% are satisfied with Placement support. 64.7% are satisfied with the support extended towards Sports /extra-curricular


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activities. Overall experience at Acharya Institute of Technology is rated to 93.3%. Support extended towards Sports /extra-curricular activities seen less due to pandemic time.

Training sessions are incorporated into the timetable; ensuring students are prepared for placements by their final year. There is still scope to improve in the sports/ extra-curriculum activities.

Sl.No	Questions	Responses	Action Plan	Action Taken
I Feedback on Curriculum				
1	What are the modifications/course inclusions (core and elective courses) you suggest to meet Industry requirements?	More practical knowledge should be give rather than theorotical subjects. Since the placements are more inclined towards programming and otherwise sales. We should encourage more classes and courses inclined to that. the number of electives should be increased and which was not an option for us. Programming courses like Python or Java as core subject as there is a lot of demand for it irrespective of branches. PUBLIC SPEAKING and	Planned to introduce more practical subjects and all the suggestions of the students. Python or Java will be part of the core subjects and lab. Soft skill training is part of the training and placement activities.	Most of these suggestions are implemented as augmented syllabus wherever necessary. Students are encouraged take MOOC courses to up skill.

H. Cypher
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		PERSONALITY DEVELOPMENT. More robotic centered and IoT related subjects the current syllabus which is very old. Machine Learning and Data science in automation and robotics. More robotics and ai courses		
(2) Feedback on Facilities				
1	What are the modifications/course inclusions (laboratory courses) you suggest to meet Industry requirements?	One Hands on project completion is necessary on that particular core laboratory subject. almost none of the labs were useful to us to portray our skills to apply for jobs. we had to go and work outside to gain skills and experience. we have the resources but it is not utilized. Programming in Python/Java. Hands on experience with IoT, microcontrollers and robotics in general. To an extent they can do independent projects if need be or they feel like it. Solidworks, CATIA, FEA Python, java.	To enhance the labs through the calibration, and improvise with suitable services. Hobby project would help students to learn programming, and mechanical software and implemented to their small projects.	Introduction of challenging programs into the lab practice sessions. Servicing of robotics lab is requested. Mini project concept is introduced.

2	Any other suggestions for curriculum improvement. (qualitative)	More industry oriented visits and training is necessary instead of just mugging the syllabus subjects. The curriculum should focus on performance and not attendance or marks alone. The proctors should make it their core responsibility to understand the student's skills and needs and help them with the resources and ability to help them. Involve department in Sports activities atleast in college level like the other departments as Sports help people know each other well and is vital for mind and body.	Suggestions are well taken and documented. Industry visits to be organized on need basis. Mentoring is improvised to understand students requirement through regular meetings and discussions. To encourage students to take participations in sports at various level.	Informed to the faculties various assignments (Sports, proctors, subject teachers to inculcate the suggestions of the students to implement wherever necessary.
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H. Cylen

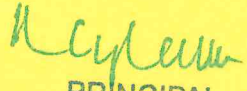
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1.4.1 **Stakeholders Feedback** **Action Taken Reports** **2019-2020**


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1.Student Satisfaction Survey

1.4 Action Taken Report 2019-20

Suggestions by students	Responsibility	Actions Plan	Action taken report	Proofs
1. Online lectures to be been more effective.	LMS coordinator	Plan to design an App for online classes and monitor the classes	Addressed: Implemented specific App for online classes with support of google meet.	Proof 1: https://alive.university/ 
2. Industrial visit to be scheduled and Lab equipments should be updated	Dean Academics	Plan to update the lab equipment with the latest configuration and instruments.	Addressed: Lab equipment was updated with the latest instruments and configurations.	Proof 2: List of updated Lab Equipments
3. Need mock interview.	Placement Office	Plan to include more trainers in the placement cell to give mock interviews and tests.	Addressed: Placement training cell improved with additional trainers from the industry.	Proof 3: soft skill- List of Trainers
4. Provide wifi for students with better speed	Head of Infrastructure	Plan to provide free wifi to every students	Addressed: Provided Wifi to registered student accounts	Proof 4: List of Number of wifi ports

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2.1 Student Feedback

2.1.4 Action Taken Report

The student satisfaction survey was conducted to assess the overall contentment of students across various departments regarding their educational experience. The survey aimed to gather insights into different aspects of college life, including the teaching and learning process, mentoring, extracurricular activities, and college infrastructure. Online student satisfaction survey received 273 responses, primarily from undergraduate students and postgraduate students. The survey aimed to assess and understand the satisfaction levels and academic experiences of this diverse student population.

Methodology of survey

The survey was designed to be comprehensive and user-friendly, ensuring students could provide their feedback efficiently through google forms. Questions were crafted to cover multiple dimensions of the student experience:

1. Teaching and Learning Process
2. Mentoring and Support
3. Extracurricular Activities
4. College Infrastructure

Summary for the year 2019-2020

The recent student satisfaction survey revealed highly positive feedback across several key areas. An impressive 85% of students expressed satisfaction with the teaching and learning process. Mentoring received an even higher approval, with 89% of students giving positive responses. Extracurricular activities also gathered favorable feedback, with over 80% of students offering positive comments. The college infrastructure was particularly well-received, with 90% of students providing positive feedback. Overall, these results highlight a strong level of satisfaction among students in various aspects of their college experience.

New Initiatives to address the concerns of Students - To Improve Employability

- The institute has invited domain specific companies for placement and training
- **Proof:** List of Companies invited for placement enclosed
- **Responsibility:** Placement Officer



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2.2 Faculty Feedback

2.2.4 Action Taken Report

The feedback on curriculum is taken from Faculty's for every academic session for continuous improvement in curriculum design. The main purpose of this feedback is to collect the perceptions of faculty for the effectiveness of the curriculum and to fill the gap in the existing curriculum in order to meet the requirements of employers such as Engineering Industries, research and higher education institutions.

The collective feedback data is analysed and a consolidated report of the recommendations will be communicated to principal and academic council for possible incorporation in the curriculum.

We shall very much appreciate and be grateful to you if you can spare some of your valuable time to fill up this feedback form.

FACULTY FEEDBACK 2019-2020

A survey conducted among faculty members on the curriculum for 2019-20 assessed design, objectives and outcomes, exposure to latest developments, balance between theory and practical, and institute support for overall development. Results showed 93% positive feedback. Faculty praised the curriculum's structure, clear objectives, relevant outcomes, exposure to current trends, and balance between theory and practice. The institute's support for student development was also commended. The feedback suggested minor improvements in industry interaction and practical training. Overall, the curriculum received strong faculty approval with minimal suggestions for enhancement.

New initiatives to address the concern of Faculty - To Enhance Skill Development:

- The institute has included bridge courses and additional short-term courses to the planned curriculum.

Proof: Schedule of Bridge course conducted

Responsibility: Dean Academics

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2.3 Alumni Feedback

2.3.4 Action Taken Report

The feedback on curriculum is taken from Alumni's, faculties and students for every academic session for continuous improvement in curriculum design. The main purpose of this feedback is to collect the perceptions of Alumni for the effectiveness of the curriculum and to fill the gap in the existing curriculum in order to meet the requirements of Engineering Industries, research and higher education institutions.

ALUMNI FEEDBACK (2019-2020)

A survey of alumni on the 2019-20 curriculum assessed its design, objectives, exposure to latest developments, balance of theory and practice, and overall institutional support. Results indicated 82% positive feedback. Alumni commended the curriculum for its well-structured design, clear objectives, relevant outcomes, and contemporary focus. They also appreciated the balance between theoretical and practical elements, along with robust institutional support for student development. The feedback suggested enhancements such as increased industry interaction and more practical training opportunities. Overall, the curriculum received high praise from alumni, with constructive suggestions for further improvement.

New Initiatives to address the concern of Alumni - To Enhance Collaborative Research Outcomes

- The institute in collaboration with the university offers multidisciplinary elective courses in the upcoming scheme.

Proof: 2018 and 2021 - VTU Scheme Copy wherein multidisciplinary courses have been offered to students

Ex: One open elective course was offered in 2018 scheme while the new scheme revised in 2021 has 2 open electives during 6th and 7th semester in diverse fields.

Responsibility: Syllabus copy

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3. Student Feedback on TLP

3.4 Action Taken Report 2019-20

Feedback Area	Feedback	Action Plan	Action Taken
Practical Exposure	- Students requested more lab sessions and hands-on practical work	- Increase the number of lab hours and introduce new experiments relevant to current research and industry needs.	- Added new practical experiments in molecular biology and microbial techniques. - Extended lab hours for core subjects.
Assessment	- Students suggested moving from theory-heavy assessments to more practical and project-based evaluations.	- Incorporate more project-based assessments	- Introduced project evaluations in core subjects and allowed students to present research findings as part of assessment.
Industry Exposure	- Need for more guest lectures from industry professionals and biotech entrepreneurs.	- Organize more guest lectures, workshops, and seminars with industry experts and alumni.	- Hosted guest lectures from biotech firms and entrepreneurs in biotech start-ups. - Organized industry workshops.
Use of Teaching Aids	- Desire for more interactive and visual learning tools, including 3D models and simulations.	- Introduce interactive tools like simulations, 3D models, and animations in lectures.	- Implemented 3D visualizations and bio-simulation software in certain subjects for better understanding of complex concepts.

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4. Employer Feedback

4.4 Action Taken Report

Employers feedback for the recruitment year 2019-2020

Suggestions	Plan of Action	Expected Outcomes
Increase Workplace Readiness	- Introduce mandatory internships and work placements.	- Higher employment rates among graduates.
Foster Adaptability and Learning Agility	- Encourage participation in workshops and training sessions.	- Graduates become quick learners, adaptable to new environments.
Strengthen Soft Skills Training	- Implement workshops on communication, teamwork, and leadership.	- Employers report improved interpersonal skills in graduates.
Enhance Industry Engagement	- Organize guest lectures and networking events with industry leaders.	- Stronger partnerships with industry, leading to more opportunities.
Update Curriculum Regularly	- Establish an industry advisory board to review curriculum annually.	- A dynamic curriculum that keeps pace with industry changes.

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5. Parent Feedback

5.4 Action Taken Report 2019-20

Feedback/Suggestion Area	Parent Feedback	Action Taken
Practical Exposure	- Parents welcomed the increased lab sessions and emphasized the importance of hands-on experience for students' career growth	- Continued focus on enhancing lab infrastructure and ensuring students get ample practical exposure.
Teacher-Student Interaction	- Parents praised the regular feedback mechanisms and increased teacher-student interaction, noting a more supportive learning environment.	- Continued regular communication between faculty and students, providing personalized mentorship and guidance
Internship and Placement Support	- Parents were relieved to see stronger internship and placement support, especially in core biotech areas.	- Strengthened placement and internship opportunities further by expanding partnerships with top biotech firms and labs.

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6. Exit survey

6.4 Action Taken Report

Department of MBA

Exit Survey Report 2019-20

Feedback/Suggestions	Plan of Action	Expected Outcomes
Improve Course Relevance	- Review and update curriculum based on industry trends.	- Curriculum aligned with current market needs.
Enhance Practical Learning	- Increase opportunities for internships and live projects.	- Greater workplace readiness among graduates.
Strengthen Alumni Network	- Establish an alumni mentorship program.	- Improved networking opportunities and career guidance.
Focus on Soft Skills Development	- Implement workshops on communication, negotiation, and leadership.	- Graduates demonstrate strong interpersonal skills.
Feedback Mechanism for Courses	- Develop a system for ongoing course feedback during the program.	- Continuous improvement of course content and delivery.
Career Services Enhancement	- Expand career counseling and job placement services.	- Higher job placement rates and student satisfaction.

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