6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes.

Quality Assurance Strategies and Processes by IQAC

Sr. No.	Particulars
1	Organization of Value-Added Programs
2	Feedback from Stakeholders
3	Competency Enhancement of Faculty

IQAC COORDINATOR

IQAC Co-Ordinator
Trinity College of Engineering And Technology

PRINCIPAL

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.

List of Certificate/ Add-on Programs

Academic Year 2023-24

S. No.	Name of the Program	Duration of Course	No. of Participants
1	A Two Weeks Program on Embedded Systems Actuation & Interfacing Systems	02-09-2023 to 16-09-2023	57
2	A Two Weeks Program on Organizational behavior: Know your people	03-10-2023 to 16-10-2023	120
3	A Two Weeks Program on Front End Development HTML5 & CSS3	03-10-2023 to 16-10-2024	125
4	A Two Weeks Program on Programming Skills using C	20-11-2023 to 02-12-2023	167
5	A Two Weeks Program on Embedded Systems Actuation & Interfacing Systems	03-02-2024 to 17-02-2024	131
6	A Two Weeks Program on IOT Application Using Python	12-02-2024 to 23-02-2024	71
7	A Two Weeks Program on Advanced Python Programming	11-03-2024 to 23-03-2024	195
8	A Two Weeks Program on Machine Learning and Artificial Intelligence	15-04-2024 to 27-04-2024	177

IQAC

PRINCIPAL

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.

Action Taken Report

Academic year: 2023-24

Name of the Stakeholder: Student

A staff council meeting has been convened by IQAC with all the in-charges / heads of the departments under the chairmanship of the principal to bring feedback analysis to their notice with a request to find out the possibility for effective changes offered by their respective departments.

The Heads of the Departments in turn have conducted a meeting in their departments and explored the possibility of action plan to be implemented in accordance with the demands of the stake holders.

Students Feedback above 90% is considered as positive feedback, below 90% as thumbs down feedback and we are working for the improvement.

S. No.	Question	Feedback/ Concern	Percentage Consensus	Action To be taken
1	How well did the curriculum align with your learning objectives and goals?	Excellent	98	We will further enhance the curriculum to ensure it aligns even more closely with the learning Objectives and goals of the students.
2	Were the learning outcomes clearly stated and achievable?	Excellent	96	The learning outcomes were clearly stated and will be made more achievable through regular assessment and feedback mechanisms.
3	Did the curriculum provide enough opportunities for active learning and student engagement?	Excellent	97	The curriculum will be revised to provide increased opportunities for active learning and student engagement, incorporating innovative teaching methods and Interactive activities.
4	How effective were the instructional materials (e.g., textbooks, online resources, handouts)	Very Good	96	The instructional materials will be further evaluated and enhanced to ensure their effectiveness in supporting student learning, considering feedback and

5	Were the assignments and assessments (e.g., tests, projects, and papers) aligned with the content covered in the curriculum?	Very Good	97	The assignments and assessments will be closely reviewed and aligned with the curriculum content to ensure a better integration and assessment of the knowledge and skills acquired by the students.
6	How well did the curriculum incorporate real-world applications and examples?	Excellent	98	The curriculum will be revised to better incorporate real-world applications and examples, ensuring students can connect theoretical concepts to practical situations and gain a deeper understanding of their Field of study.
7	Did the curriculum promote critical thinking, problem-solving, and analytical skills?	Excellent	98	We will provide with more opportunities to engage in challenging tasks and apply their knowledge in practical scenarios.
8	How well did the curriculum integrate technology and digital resources?	Excellent	97	We will ensure seamless integration of technology and digital resources, empowering students with the necessary digital skills and leveraging technological tools to Enhance their learning experience.
9	Did you feel adequately supported by the instructor in understanding and navigating the curriculum?	Excellent	98	We will implement measures to ensure that students feel adequately supported by instructors in understanding and navigating the curriculum, such as providing clear guidelines, regular communication channels, and additional resources for clarification and assistance.
10	How would you rate the overall effectiveness of the curriculum in facilitating your learning experience?	Excellent	98	We are committed to continuously improving the curriculum based on your feedback to enhance its overall effectiveness in facilitating your learning experience, aiming for a more engaging, relevant and impactful educational journey.

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T S.

Action Taken Report

Academic year: 2023-24

Name of the Stakeholder: Teacher

A staff council meeting has been convened by IQAC with all the in-charges / heads of the departments under the chairmanship of the principal to bring feedback analysis to their notice with a request to find out the possibility for effective changes offered by their respective departments.

The Heads of the Departments in turn have conducted a meeting in their departments and exploredthepossibilityofactionplantobeimplementedinaccordancewiththedemandsofthe stake holders.

Teachers Feedback above 90% is considered as positive feedback and below 90% as thumbs down feedback and we are working for the improvement.

S. No.	Question	Feedback/ Concern	Percentage Consensus	Action To be taken
1	Rate the level of support provided for teachers in implementing the curriculum effectively.	Excellent	98	We will establish regular professional development programs and resources to enhance their understanding and implementation of the curriculum.
2	Please rate the overall effectiveness of the curriculum in meeting the learning needs of your students.	Excellent	96	We will conduct a comprehensive curriculum review and make necessary adjustments to ensure it aligns more effectively with the diverse learning needs of our students.
3	How well does the curriculum align with the learning objectives and standards set by the educational institution?	Excellent	96	We will conduct a thorough analysis to identify any gaps and revise the curriculum accordingly to ensure a stronger alignment with the institution's learning objectives and standards.

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.

4	Rate the clarity and organization of the curriculum materials (e.g., lesson plans, instructional resources, assessments).	Excellent	97	We will review and revise the materials to improve their clarity and organization, ensuring they provide clear guidance and support for teachers in delivering effective instruction and assessment.
5	How well does the curriculum support differentiated instruction to meet the diverse needs of students?	Excellent	98	We will enhance the curriculum by incorporating a variety of instructional strategies, resources, and assessments that cater to different learning styles, abilities, and interests, thus ensuring a more inclusive and personalized learning experience for all students.
6	Rate the level of student engagement and interest generated by the curriculum.	Excellent	98	We will explore innovative teaching methodologies and incorporate interactive learning activities and real-world applications to enhance student engagement and foster a higher level of interest in the curriculum content.
7	How well does the curriculum integrate technology and digital resources to enhance learning?	Excellent	98	We will further enhance the integration of technology by incorporating interactive digital tools, educational software, online resources, and virtual learning platforms, thereby enriching the learning experience and promoting digital literacy skills among students.
8	Rate the effectiveness of the curriculum in fostering critical thinking, problem-solving, and creativity skills.	Excellent	97	We will introduce additional inquiry-based activities, open-ended projects, and collaborative learning opportunities to further enhance the development of critical thinking, problem-solving, and creativity skills among students.

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.

TRINITY COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTU Hyderabad)

PEDDAPALLY-505172,Dist.Peddapalli.(T.S)
Ph:08728-224347,Fax: 08728-223959,MobileNo.8522954369,E-mail:officetcek@gmail.com

9	How well does the curriculum address the diverse cultural and social backgrounds of the students?	Excellent	98	We will incorporate culturally relevant and inclusive content, perspectives, and examples to ensure that student's diverse cultural and social backgrounds are effectively represented and integrated within the curriculum.
10	Overall, how satisfied are you with the curriculum?	Excellent	97	We will take into account the suggestions and concerns rose by the stakeholders and implement necessary revisions and improvements to ensure a higher level of satisfaction and effectiveness in meeting the educational needs.

IQAC COORDINATOR

IQAC Co-Ordinator
Trinity College of Engineering And Technology
PEDDAPALLI

PRINCIPAL

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.

Action Taken Report

Academic year: 2023-24

Name of the Stakeholder: Alumni

A staff council meeting has been convened by IQAC with all the in-charges / heads of the departments under the chairmanship of the principal to bring feedback analysis to their notice with a request to find out the possibility for effective changes offered by their respective departments.

The Heads of the Departments in turn have conducted a meeting in their departments and explored the possibility of action plan to be implemented in accordance with the demands of the stake holders.

Alumni Feedback above 90% is considered as positive feedback and below 90% as thumbs down feedback and we are working for the improvement.

S. No.	Questionnaire	Feedback / Concern	Percentage Consensus	Action To be taken
1	Rate the overall quality of the curriculum	Excellent	98	We will assess the areas of improvement and implement necessary changes to enhance its quality.
2	How well did the curriculum align with your career goals and aspirations?	Excellent	97	We will review and make adjustments to ensure better alignment, providing students with the necessary skills and knowledge for their desired career paths.
3	Were the courses within the curriculum relevant to your field of study?	Excellent	98	We will review and update the course offerings to ensure they align closely with the evolving needs and advancements in the respective field.
4	Did the curriculum provide a good balance between theoretical knowledge and practical skills?	Excellent	96	We will assess the curriculum structure and make necessary revisions to ensure a more optimal balance, providing students with both theoretical foundations and practical application opportunities.
5	How effective were the teaching methods employed within the curriculum?	Excellent	98	We will evaluate and explore innovative teaching methodologies to enhance student engagement, understanding, and retention of the subject matter.

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.

6	Were the learning resources (books, online materials, etc.) provided adequate and up-to-date?	Very Good	97	We will ensure that students have access to comprehensive, up-to-date materials that support their learning needs.
7	Did the curriculum encourage critical thinking and problem-solving skills?	Excellent	96	We will assess and incorporate additional opportunities for students to engage in activities and assignments that foster critical thinking and problem-solving abilities, enhancing their overall skill development.
8	How well did the curriculum prepare you for the demands and challenges of your professional career?	Excellent	98	We will analyze and introduce relevant enhancements to ensure that the curriculum equips students with the necessary knowledge, skills, and practical experiences to excel in their future professional endeavors.
9	Did the curriculum provide opportunities for practical application through internships, projects, or industry collaborations?	Very Good	98	We will actively explore and establish partnerships with industry organizations, enhance internship programs, and introduce more project-based learning initiatives to provide students with valuable real-world experiences and industry exposure.
10	Overall, how satisfied are you with the curriculum provided by our institution?	Very Good	99	We will carefully evaluate the feedback received and make necessary improvements to ensure a higher level of satisfaction among students, striving to continually enhance the curriculum and meet their expectations.

IQAC COORDINATOR

IQAC Co-Ordinator
Trinity College of Engineering And Technology
PEDDAPALLI

PRINCIPAL

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172

Action Taken Report

Academic year: 2023-24

Name of the Stakeholder: Employer

A staff council meeting has been convened by IQAC with all the in-charges / heads of the departments under the chairmanship of the principal to bring feedback analysis to their notice with a request to find out the possibility for a effective changes offered by their respective departments.

The Heads of the Departments in turn have conducted a meeting in their departments and explored the possibility of action plan to be implemented in accordance with the demands of the stake holders.

Employer Feedback above 90% is considered as positive feedback and below 90% as thumbs down feedback and we are working for the improvement.

S. No.	Question	Feedback/ Concern	Percentage Consensus	Action To be taken
1	How well does the curriculum align with the job requirements and industry standards?	Excellent	97	We will conduct a comprehensive review of the curriculum to ensure alignment with job requirements and industry standards and make necessary updates.
2	How well does the curriculum cover the necessary knowledge And skills for the job?	Excellent	96	We will assess and enhance the curriculum to ensure comprehensive coverage of the necessary knowledge And skills required for the job.
3	Are the teaching methodologies effective in facilitating learning and skill development?	Excellent	97	We will evaluate and improve the teaching methodologies to ensure they effectively facilitate learning and skill development for the students.
4	Are the learning resources (books, online materials, etc.) provided in the curriculum relevant and accessible?	Excellent	98	We will review and update the learning resources in the curriculum to ensure their relevance and accessibility for the students.

M. Gawer

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.

5	How well does the curriculum address the needs of diverse learners (e.g., different learning styles, backgrounds)?	Very Good	97	We will evaluate and enhance the curriculum to better address the needs of diverse learners, including accommodating different learning Styles and backgrounds.
6	How well did the curriculum prepare students for real-world challenges and industry demands?	Very Good	98	We will strengthen the curriculum to better prepare students for real-world challenges and meet industry demands ensuring they possess the necessary skills and knowledge upon graduation
7	How well did the curriculum address the ethical considerations and professional standards relevant to the job role?	Very Good	97	We will assess and enhance the curriculum to ensure comprehensive coverage of ethical considerations and professional standards relevant to the job role, equipping students with the necessary ethical and professional competencies.
8	Did the curriculum adequately address the practical skills required for the job role?	Excellent	97	We will review and enhance the curriculum to ensure sufficient emphasis on practical skills development that aligns with the requirements of the job role.
9	Were the assessments and evaluations in the curriculum effective in measuring students' understanding and competence?	Excellent	98	We will evaluate and improve the assessments and evaluations in the curriculum to ensure they effectively measure students' understanding and competence, providing accurate and reliable indicators of their knowledge and skills.
10	How would you rate the overall effectiveness of the curriculum in preparing students for the job?	Excellent	98	We will conduct a comprehensive assessment of the overall effectiveness of the curriculum in preparing students for the job, identifying areas for improvement and implementing necessary changes to enhance its effectiveness.

IQAC COORDINATOR

IQAC Co-Ordinator
Trinity College of Engineering And Technology
PEDDAPALLI

PRINCIPAL

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.

TRINITY COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTU Hyderabad)

PEDDAPALLY-505172, Dist. Peddapalli. (T.S)
Ph: 08728-224347, Fax: 08728-223959, Mobile No. 8522954369, E-mail: officetcek@gmail.com

Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year
(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
G.Ashok Kumar	A one- week FDP on Recent Advances in the Power Sector Challenges, Solutions, and Opportunities	31-07-2023 to 05-08-2023
M.Shivakumar	A one- week FDP on Recent Advances in the Power Sector Challenges, Solutions, and Opportunities	31-07-2023 to 05-08-2023
K.Srinivas	A one- week FDP on Recent Advances in the Power Sector Challenges, Solutions, and Opportunities	31-07-2023 to 05-08-2023
Ch.Supriya	A one- week FDP on Recent Advances in the Power Sector Challenges, Solutions, and Opportunities	31-07-2023 to 05-08-2023
A.Srikanth	A one- week FDP on Image fusion techniques and applications for Enhanced visual Perception	04-12-2023 to 09-12-2023
Shahjahan	A one- week Faculty Development Program on Quantum Signal Processing	14-09-2023 to 19-09-2023
S.Kalyani	A one- week Faculty Development Program on Quantum Signal Processing	14-09-2023 to 19-09-2023
P.Prabhakar	A one- week Faculty Development Program on Quantum Signal Processing	14-09-2023 to 19-09-2023
G.Lavanya	A one- week Faculty Development Program on Quantum Signal Processing	14 09 2023 to 19-09-2023
G.Laxmi	A one- week Faculty Development Program on Cloud application development	22-04-2024 to 27-04-2024
P.Sandhyarani	A one- week Faculty Development Program on Cloud application development	22-04-2024 to 27-04-2024
S.khaja pasha	A one- week Faculty Development Program on Cloud application development	22-04-2024 to 27-04-2024
J.Swathi	A one- week Faculty Development Program on Cloud application development	22-04-2024 to 27-04-2024
MD.Ziauddin	A one- week Faculty Development Program on Deep dive into IOT Technologies applications	03-07-2023 to 08-07-2023
B.Rajendar	A one- week Faculty Development Program on Deep dive into IOT Technologies applications	03-07-2023 to 08-07-2023
B.Srujana	A one- week Faculty Development Program on Deep dive into IOT Technologies applications	03-07-2023 to 08-07-2023
Shahjahan	A one- week Faculty Development Program on Deep dive into IOT Technologies applications	03-07-2023 to 08-07-2023

TRINITY COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTU Hyderabad)

PEDDAPALLY-505172, Dist. Peddapalli. (T.S)
Ph: 08728-224347, Fax: 08728-223959, Mobile No. 8522954369, E-mail: officetcek@gmail.com

V.Mamatha	A one- week Faculty Development Program on Emerging Trends in VLSI, Communications & AI enabled IOT applications	05-06-2023 to 10-06-2023
P.Madhushekar	A one- week Faculty Development Program on Emerging Trends in VLSI, Communications & AI enabled IOT applications	05-06-2023 to 10-06-2023
D.Sampath	A one- week Faculty Development Program on Emerging Trends in VLSI, Communications & AI enabled IOT applications	05-06-2023 to 10-06-2023
N.Saishravani	A one-Week Faculty Development Program on Digital Business Management	04-10-2023 to 09-10-2023
A.Srilatha	A one-Week Faculty Development Program on Digital Business Management	04-10-2023 to 09-10-2023
R.Rammohan Reddy	A one-Week Faculty Development Program on Digital Business Management	04-10-2023 to 09-10-2023
N.Mahendar	A one-Week Faculty Development Program on Digital Business Management	04-10-2023 to 09-10-2023
P.Ramesh	A one-Week Faculty Development Program on Digital Business Management	04-10-2023 to 09-10-2023
N.Venkateswarlu	A one-Week Faculty Development Program on Digital Business Management	04-10-2023 to 09-10-2023
A.Arif	A one-Week Faculty Development Program on Innovative teaching and learning Pedagogy	20-02-2024 to 25-02-2024
T.Nanditha	A one-Week Faculty Development Program on Innovative teaching and learning Pedagogy	20-02-2024 to 25-02-2024
K.Nagalaxmi	A one-Week Faculty Development Program on Innovative teaching and learning Pedagogy	20-02-2024 to 25-02-2024
B.Ramamurthy	A one-Week Faculty Development Program on Innovative teaching and learning Pedagogy	20-02-2024 to 25-02-2024
S.MeersubhanAli	A one-Week Faculty Development Program on Artificial Intelligence Techniques for Real Time Applications	02-12-2023 to 07-12-2023
M.Amulya	A one-Week Faculty Development Program on Artificial Intelligence Techniques for Real Time Applications	02-12-2023 to 07-12-2023
S.Khaja pasha	A one-Week Faculty Development Program on Artificial Intelligence Techniques for Real Time Applications	02-12-2023 to 07-12-2023
B.Srujana	A one-Week Faculty Development Program on Research Issues and Challenges in Communication and Signal Processing	23-03-2024 to 28-03-2024
G.Lavanya	A one-Week Faculty Development Program on Research Issues and Challenges in Communication and Signal Processing	23-03-2024 to 28-03-2024

PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.

TRINITY COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE & Affiliated to JNTU Hyderabad)

PEDDAPALLY-505172, Dist. Peddapalli. (T.S)
Ph: 08728-224347, Fax: 08728-223959, Mobile No. 8522954369, E-mail: officetcek@gmail.com

P.Prabhakar	A one-Week Faculty Development Program on Research Issues and Challenges in Communication and Signal Processing	23-03-2024 to 28-03-2024
G.Laxmi	A One day workshop on IOT Design using wireless protocols	16-08-2023
K.Anjali	A One day workshop on IOT Design using wireless protocols	16-08-2023
A.Vijaya	A One day workshop on Make in India and entrepreneurship	02-01-2024
P.Ramesh	A One day workshop on Make in India and entrepreneurship	02-01-2024
M. Shivakumar	A One day International Conference on Advances in Computing &Communication	13-07-2023
Dr. Natarajan	A One day International Conference on Advances in Computing &Communication	13-07-2023
A.Arif	A One day International conference on emerging Technologies in Engineering and Management Studies	24-11-2023
P. Padmini	A One day International conference on emerging Technologies in Engineering and Management Studies	24-11-2023
R.Rammohan Reddy	A One day International conference on emerging Technologies in Engineering and Management Studies	24-11-2023
K.Vamshi krishna	A One day workshop on Research Opportunities in Electrical Power Engineering	23-03-2024
B.Santhosh	A One day workshop on Research Opportunities in Electrical Power Engineering	23-03-2024
P.Padmini	A One day workshop on Winning Strategies For Women Professionals in Higher Education – Reflections Towards Capacity Building	25-11-2023
A.Venkataswamy	A One day workshop on Winning Strategies For Women Professionals in Higher Education – Reflections Towards Capacity Building	25-11-2023

IQAC CO-ORDINATOR
IQAC Co-Ordinator
Trinity College of Engineering And Technology
PEDDAPALLI

PRINCIPAL
PRINCIPAL
Trinity College of Engineering & Technology
Peddapalli - 505 172 T.S.