Department of Computer Science & Technology

Action Taken Report for the Academic Year 2021-2022

The below table summarizes the feedback from stakeholders and action taken by the institute.

S.No.	Feedback Suggestions	Action Taken
1.	Focus on courses that helps to gain analytical and logical thinking ability.	Courses like principles of cyber security, python,
2.	Parent -Teacher Interaction should improve, updates about ward like studies, performance, behavior and attendance.	Organized PTM annually and interacting with parents and informing them about their wards percentage, behavior and attitude in the college premises. Regular practice of sending the status of attendance every month to the parents.
3.	Some management and business courses can be added for students to get idea on multidisciplinary fields.	Included open elective courses like E - Business, Business Analytics & Text Mining Modelling Using Python.
4.	Develop projects that incorporates novel ideas, research and approaches to solve existing problems	Students are motivated by the faculties to actively participate in many Hackathons and Ideations organized by different Institutes.
5.	Upgrade the syllabus which will meet the industry needs.	Existing syllabus fills the gap between industry and academia.
6.	Sports and cultural events should be organized.	Institute conducts different sports for the students to actively participate in competitions. Department organizes technical and non-technical(cultural) events to cherish the students.

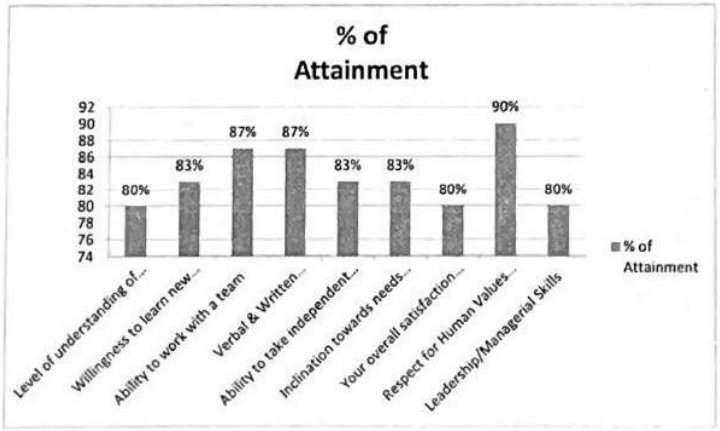
Faculty In-charge

Head of the Department
Computer Science & Technology
HoD
Madanapalle Institute of Technology & Science
MADANAPALLE - 517 325

DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Employer Survey (Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	Level of understanding of the Engineering principles and application of the same in design/ analysis/problem solving	80
2	Willingness to learn new technology and adopt new ideas to meet the workplace challenges	83
3	Ability to work with a team	87
4	Verbal & Written communication skills	87
5	Ability to take independent decisions	83
6	Inclination towards needs of the society	83
7	Your overall satisfaction with the performance of our graduates	80
8	Respect for Human Values & Ethic	90
9	Leadership/Managerial Skills	80



Final Attainment

Faculty In-charge

Head of the Department
Computer Science & Technology
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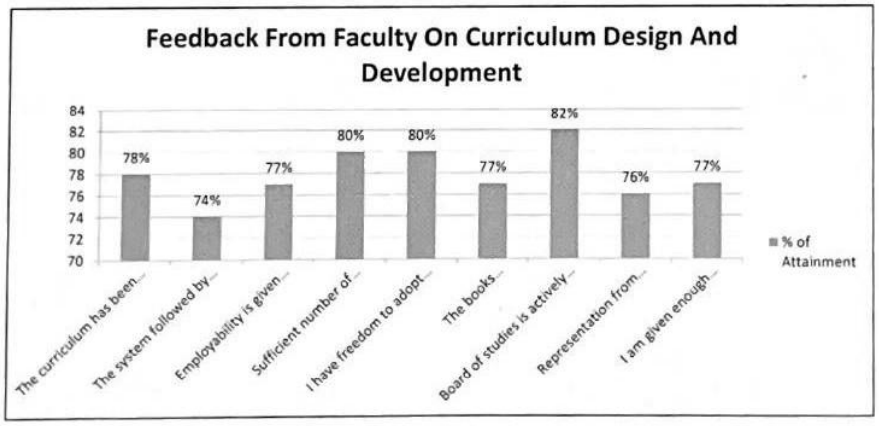
MADANAPALLE - 517325

HOD

DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Feedback From Faculty On Curriculum Design And Development
(Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	The curriculum has been updated from time to time.	78
2	The system followed by the college for the design and development of curriculum is effective.	74
3	Employability is given weightage in curriculum design and development.	77
4	Sufficient number of prescribed books are available in the library	80
5	I have freedom to adopt modern ICT Tools & Techniques for effective course delivery	80
6	The books prescribed/listed as reference materials are relevant, updated and appropriate	77
7	Board of studies is actively involving to ensure the relevance of the programme offered in the department.	82
8	Representation from industry in Boards of studies is helpful in designing and improving the syllabi based on latest technological evolution.	76
9	I am given enough freedom to contribute my ideas on curriculum design and development.	77



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Faculty In-charge

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Head of the Department
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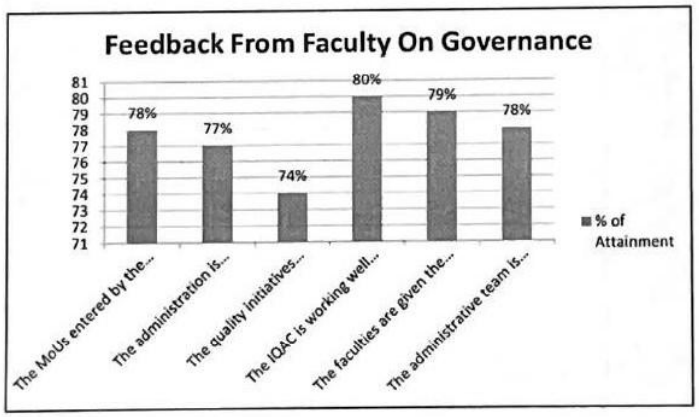
DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Feedback From Faculty On Governance (Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	The MoUs entered by the college enhance the scope for mutual cooperation with Institutions and Research Organizations of repute.	78
2	The administration is sincerely putting efforts for the development of the institution.	77
3	The quality initiatives taken up during the last academic year are contributing for improvement.	74
4	The IQAC is working well for promoting quality in the institution.	80
5	The faculties are given the freedom to express their opinions.	79
6	The administrative team is accessible.	78



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Faculty In-charge

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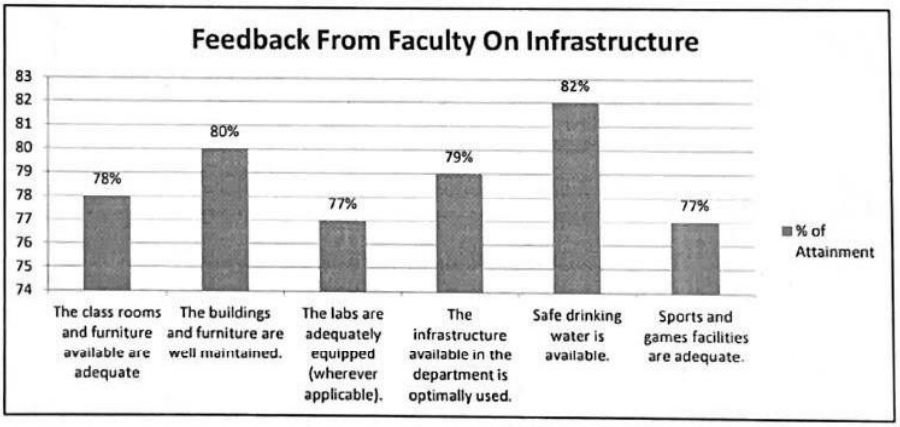
DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Feedback From Faculty On Infrastructure, AY 2021-22

S. No.	Survey	% of Attainment
1	The class rooms and furniture available are adequate	78
2	The buildings and furniture are well maintained.	80
3	The labs are adequately equipped (wherever applicable).	77
4	The infrastructure available in the department is optimally used.	79
5	Safe drinking water is available.	82
6	Sports and games facilities are adequate.	77



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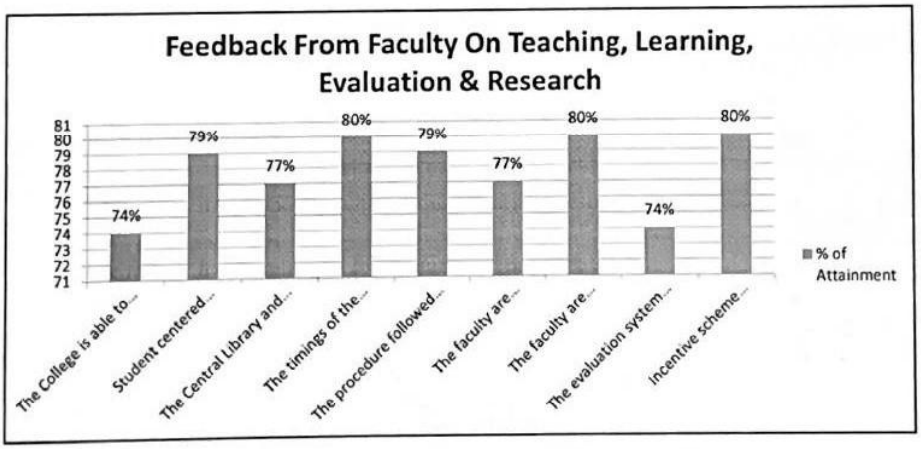
DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Feedback From Faculty On Teaching, Learning, Evaluation & Research
(Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	The College is able to attract meritorious students.	74
2	Student centered learning resources are available in the college	79
3	The Central Library and Department Library are major sources of information.	77
4	The timings of the Library are convenient.	80
5	The procedure followed for acquiring new books and journals are periodicals is appreciable	79
6	The faculty are supported with adequate learning resources.	77
7	The faculty are encouraged to organize and participate of seminars,conferences,workshops & Faculty Development Programmes	80
8	The evaluation system followed by the college is effective.	74
9	Incentive scheme offered for Publications/ Funded projects/Consultancy/ Patents is appreciable	80



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Faculty In-charge

Head of The Department
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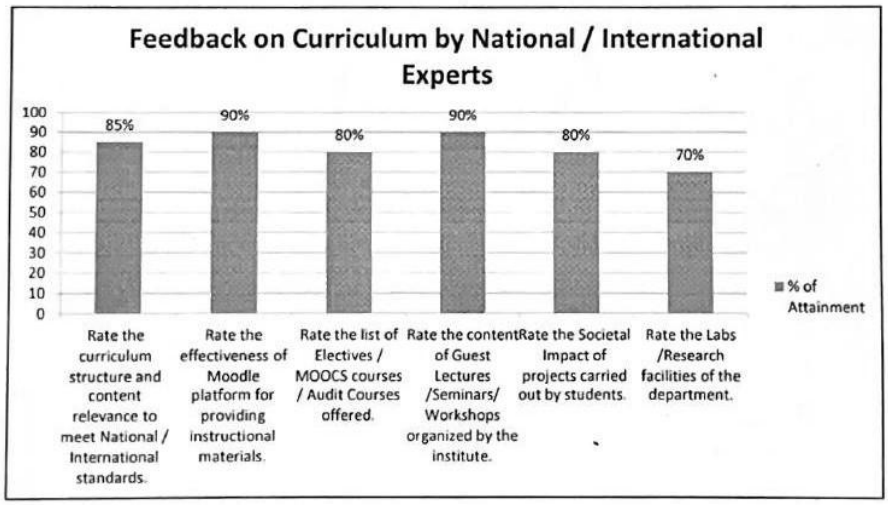
DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Feedback on Curriculum by National / International Experts (Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	Rate the curriculum structure and content relevance to meet National / International standards.	85
2	Rate the effectiveness of Moodle platform for providing instructional materials.	90
3	Rate the list of Electives / MOOCS courses / Audit Courses offered.	80
4	Rate the content of Guest Lectures /Seminars/ Workshops organized by the institute.	90
5	Rate the Societal Impact of projects carried out by students.	80
6	Rate the Labs /Research facilities of the department.	70



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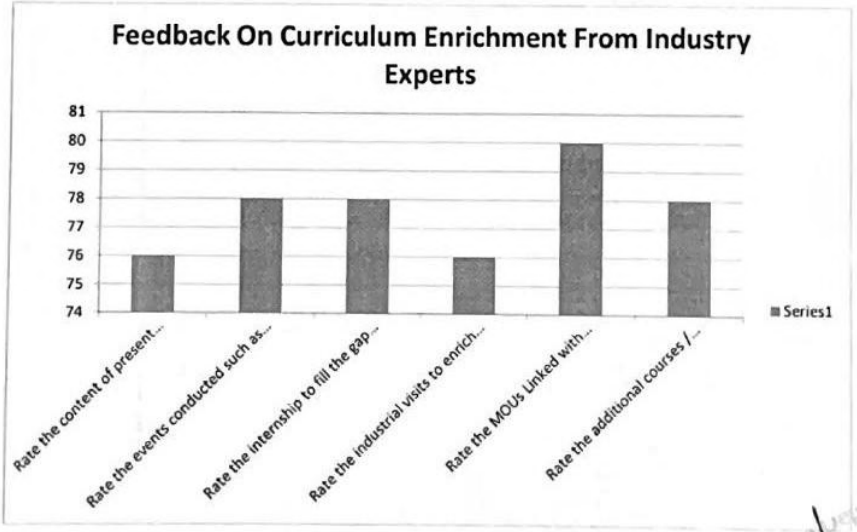
DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Feedback On Curriculum Enrichment From Industry Experts
(Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	Rate the content of present curriculum to meet the industrial needs.	76
2	Rate the events conducted such as guest lectures/ workshops/seminars/webinars to enrich the curriculum.	78
3	Rate the internship to fill the gap in the curriculum.	78
4	Rate the industrial visits to enrich the curriculum.	76
5	Rate the MOUs Linked with industry.	80
6	Rate the additional courses / Training / certificate courses provided by the institution.	78



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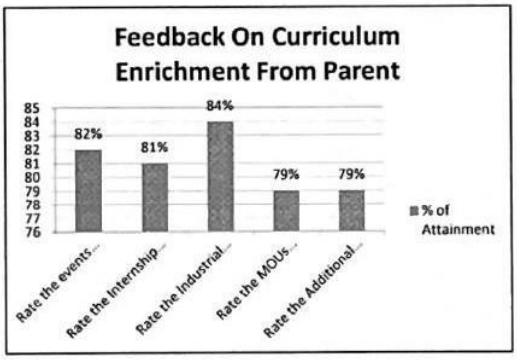
DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Feedback On Curriculum Enrichment From Parent (Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	Rate the events participated by your ward such as Guest Lectures/ Workshops/Seminars/Webinars to enrich the Curriculum.	82
2	Rate the Internship undergone by your ward to fill the gap in the curriculum.	81
3	Rate the Industrial visits undergone by your ward to enrich the curriculum.	84
4	Rate the MOUs linked with Industry	79
5	Rate the Additional courses / Training / Certificate Courses provided by the Institution to your ward	79



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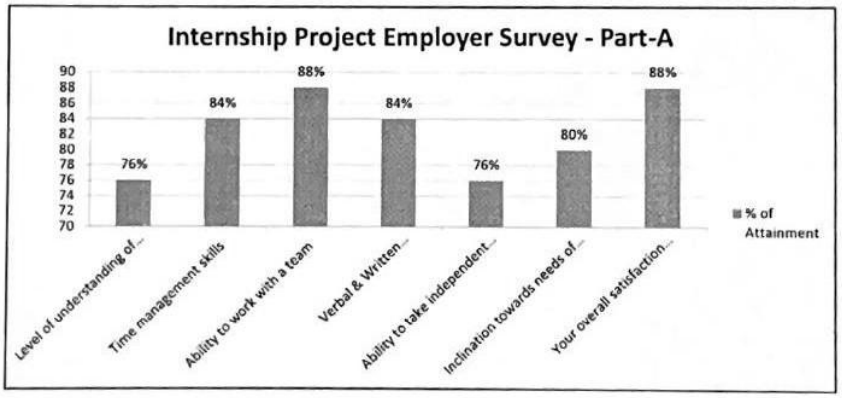
DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Internship Project Employer Survey - Part-A (Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	Level of understanding of the Engineering Principles and Application of the same in Design/ Analysis/Problem Solving	76
2	Time management skills	84
3	Ability to work with a team	88
4	Verbal & Written communication skills	84
5	Ability to take independent decisions	76
6	Inclination towards needs of the society	80
7	Your overall satisfaction with the performance of our graduates	88



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Head of the Department
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Madanapalle Institute of Technology & Science
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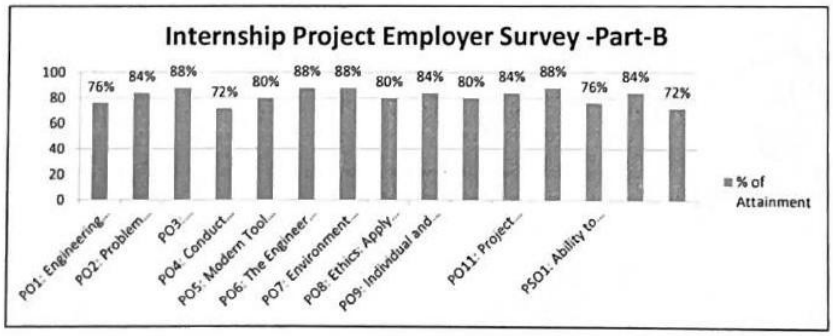
DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Internship Project Employer Survey -Part-B (Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	76
2	PO2: Problem Analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.	84
3	PO3: Design/Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	88
4	PO4: Conduct Investigations of Complex Problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions for complex problems.	72
5	PO5: Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.	80
6	PO6: The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	88
7	PO7: Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	88
8	PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	80

9	PO9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	84
10	PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	80
11	PO11: Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	84
12	PO12: Life-long Learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.	88
13	PSO1: Ability to design algorithms using mathematical models and implement problems through different programming tools to solve real world problems.	76
14	PSO2: Ability to apply Software Engineering Principles & Practices in the domain of Database Management Systems, Compilers, Computer Networks, Operating Systems and allied areas, Mobile and web based applications under realistic constraints.	84
15	PSO3: Ability to implement the principles and techniques of Artificial Intelligence and Machine Learning, IoT and Cloud Computing, Data Analytics & Security by applying them to develop intelligent systems and data-driven solutions.	72



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Faculty In-charge

Head of the Department
Computer Science & Technology
Madanapalle Institute of Technology & Science
MADANAPALLE - 517 325

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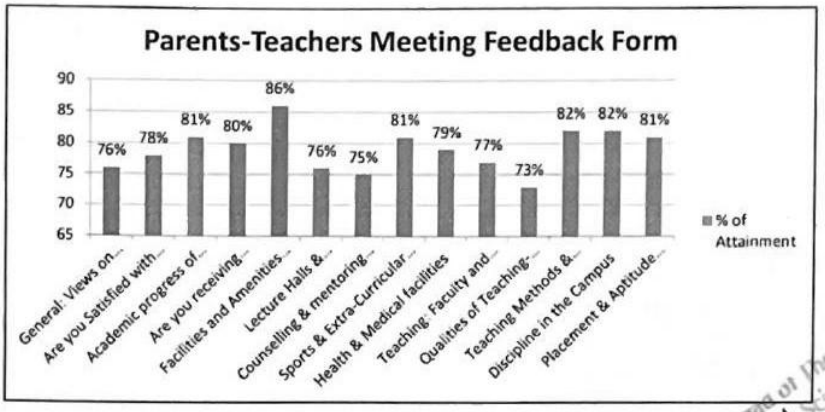
DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Parents-Teachers Meeting Feedback Form (Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	General: Views on organizing Parents Teachers Meeting	76
2	Are you Satisfied with Progress / Growth of MITS?	78
3	Academic progress of your ward	81
4	Are you receiving Attendance Intimation about your wards regula	80
5	Facilities and Amenities for Students: Library & Computer Cente	86
6	Lecture Halls & Laboratories	76
7	Counselling & mentoring facilities	75
8	Sports & Extra-Curricular facilities	81
9	Health & Medical facilities	79
10	Teaching: Faculty and Methods: Attitude of the Teaching faculty	77
11	Qualities of Teaching-Learning	73
12	Teaching Methods & Techniques	82
13	Discipline in the Campus	82
14	Placement & Aptitude Training	81



Final Attainment

Faculty In-charge

Head of the Departm...
Computer Science & Technology
Yadanapalli Institute of Technology & Science
A.P.

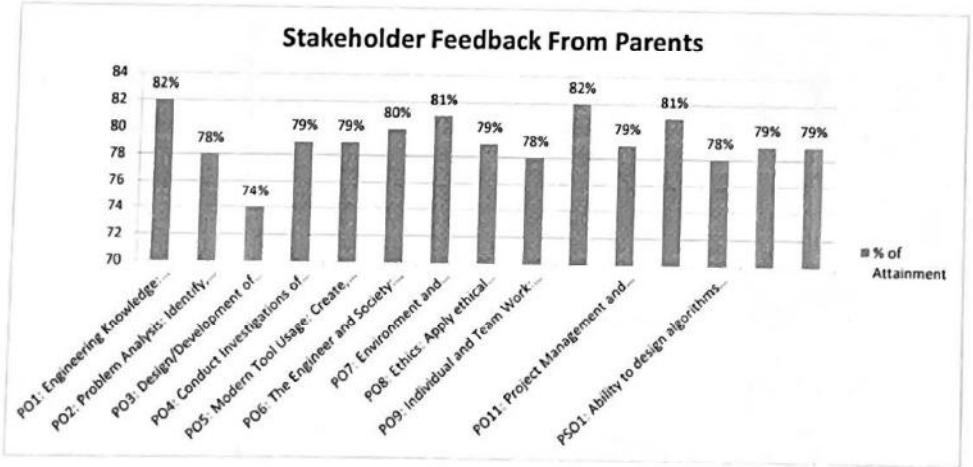
HOD

DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Stakeholder Feedback From Parents (Academic Year 2021-22)

S. No.	Survey	% of Attainment
1	PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	82
2	PO2: Problem Analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.	78
3	PO3: Design/Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	74
4	PO4: Conduct Investigations of Complex Problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions for complex problems.	79
5	PO5: Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.	79
6	PO6: The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	80
7	PO7: Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	81
8	PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	79
9	PO9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	78

10	PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	82
11	PO11: Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	79
12	PO12: Life-long Learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.	81
13	PSO1: Ability to design algorithms using mathematical models and implement problems through different programming tools to solve real world problems.	78
14	PSO2: Ability to apply Software Engineering Principles & Practices in the domain of Database Management Systems, Compilers, Computer Networks, Operating Systems and allied areas, Mobile and web based applications under realistic constraints.	79
15	PSO3: Ability to implement the principles and techniques of Artificial Intelligence and Machine Learning, IoT and Cloud Computing, Data Analytics & Security by applying them to develop intelligent systems and data-driven solutions.	79



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