MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA

S.No	Graduate Survey	% of Attainment	Attainment Level
**Graduate Survey Overall % of Attainment for 2020 Admitted Batch Report A.Y.2023-24**			
1	PO1: Engineering Knowledge:Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	91	3
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	93	3
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.	90	3
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.	90	3
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.	91	3
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.	92	3
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.	90	3
8	PO8: Ethics:Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	91	3
9	PO9: Individual and Team Work:Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	92	3
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.	91	3

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.	91	3
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.	82	2
13	PSO1: Ability to design algorithms using mathematical models and implement problems through different programming tools to solve real world problems.	90	3
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.	81	2
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.	84	2

Faculty In-charge

HOD

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

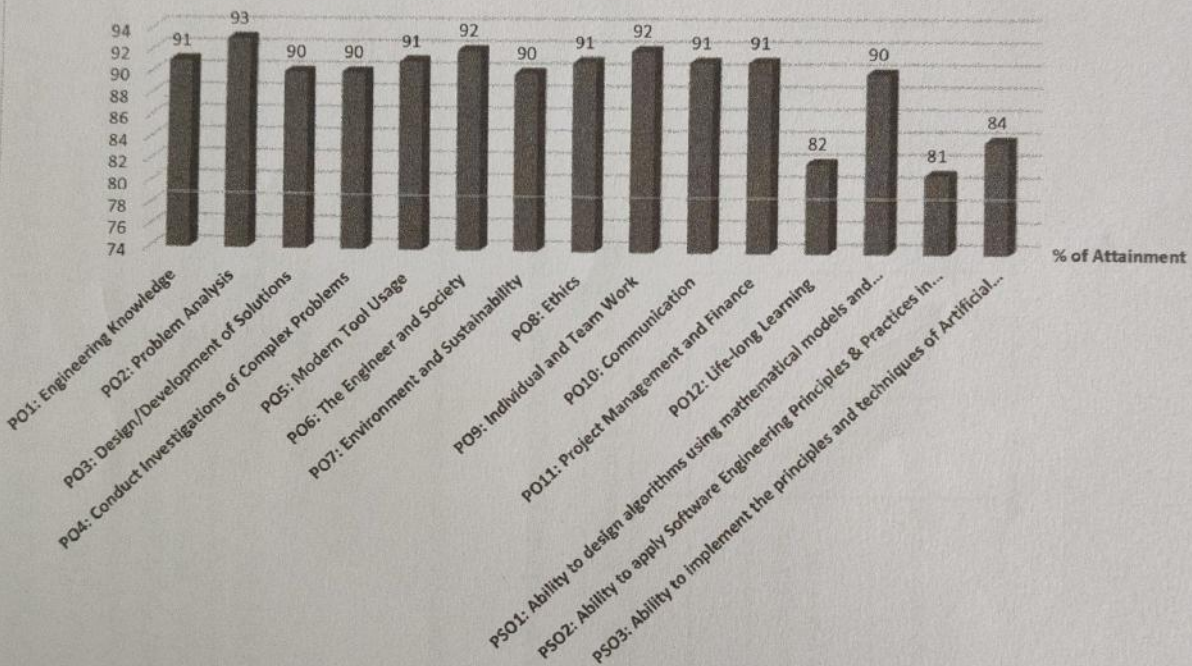# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

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Graduate Survey Overall % of Attainment for 2020 Admitted Batch Report
A.Y.2023-24

Bar chart showing % of Attainment for various POs and PSOs:
- PO1: Engineering Knowledge — 91
- PO2: Problem Analysis — 93
- PO3: Design/Development of Solutions — 90
- PO4: Conduct Investigations of Complex Problems — 90
- PO5: Modern Tool Usage — 91
- PO6: The Engineer and Society — 92
- PO7: Environment and Sustainability — 90
- PO8: Ethics — 91
- PO9: Individual and Team Work — 92
- PO10: Communication — 91
- PO11: Project Management and Finance — 91
- PO12: Life-long Learning — 82
- PSO1: Ability to design algorithms using mathematical models and... — 90
- PSO2: Ability to apply Software Engineering Principles & Practices in... — 81
- PSO3: Ability to implement the principles and techniques of Artificial... — 84

Faculty In-charge

HOD

Head of the ...

Computer Science & Technology

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DEPARTMENT OF COMPUTER SICENCE & TECHNOLOGY

Academic Year 2023-24
Graduate Survey 2020 Admitted Batch

Programme: B.Tech.
Number of respondents : 178

Batch:2020-24

Below are given some fields specifically related to the attributes. You may indicate the extent to which these attributes of the programme were advantage in solving real-life challenges faced in outside world.
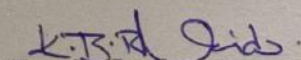We consider your response highly valuable.
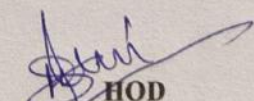
QUIA Web Link: https://www.quia.com/sv/1216049.html

You may rate your response as follows on a five point scale.

E- Strongly Agree (5)	D - Agree (4)	C- Neutral (3)	B- Disagree (2)	A- Strongly Disagree (1)

| S. No | Graduate Survey | Response Tallies and Percentages | | | | | Overall Attainment | |
		A [1]	B [2]	C [3]	D [4]	E [5]	Attainment	% 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.	8	6	5	18	141	0.91	91
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.	6	4	6	10	152	0.93	93

		E- Strongly Agree (5)　D - Agree (4)　C- Neutral (3)　B- Disagree (2)　A- Strongly Disagree (1)							
		Response Tallies and Percentages					**Overall Attainment**	
S. No	**Graduate Survey**	**A [1]**	**B [2]**	**C [3]**	**D [4]**	**E [5]**	**Attainment**	**% of Attainment**
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.	7	6	9	21	135	0.90	90
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.	7	6	8	24	133	0.90	90
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.	7	5	7	22	137	0.91	91
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.	4	5	9	25	135	0.92	92
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.	5	10	7	22	134	0.90	90
8	PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	11	3	5	18	141	0.91	91

				Response Tallies and Percentages					Overall Attainment	
	E- Strongly Agree (5) D - Agree (4) C- Neutral (3) B- Disagree (2) A- Strongly Disagree (1)									
S. No	Graduate Survey	A [1]	B [2]	C [3]	D [4]	E [5]		Attainment	% of Attainment	
9	PO9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	5	5	5	29	134		0.92	92	
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.	8	6	6	22	136		0.91	91	
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.	5	8	4	30	131		0.91	91	
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.	12	7	30	30	99		0.82	82	
13	PSO1: Ability to design algorithms using mathematical models and implement problems through different programming tools to solve real world problems.	6	9	6	24	133		0.90	90	
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.	5	8	4	120	41		0.81	81	
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.	6	10	31	24	107		0.84	84	

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