



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



Alumni Survey Overall % of Attainment for 2019 Admitted Batch Report

S.No	Alumni Survey	% of Attainment	Attainment Level
1	PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	85	2
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	89	2
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.	95	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.	92	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.	85	2
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.	87	2
8	PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	90	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.	87	2
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.	89	2

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.	88	2
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.	96	3
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.	93	3
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.	94	3

R.T.S.R. Naidu.
Faculty In-charge


HOD

Head of The Department
Computer Science & Technology
Madanapalle Institute of Technology & Sciences
MADANAPALLE, 517 311



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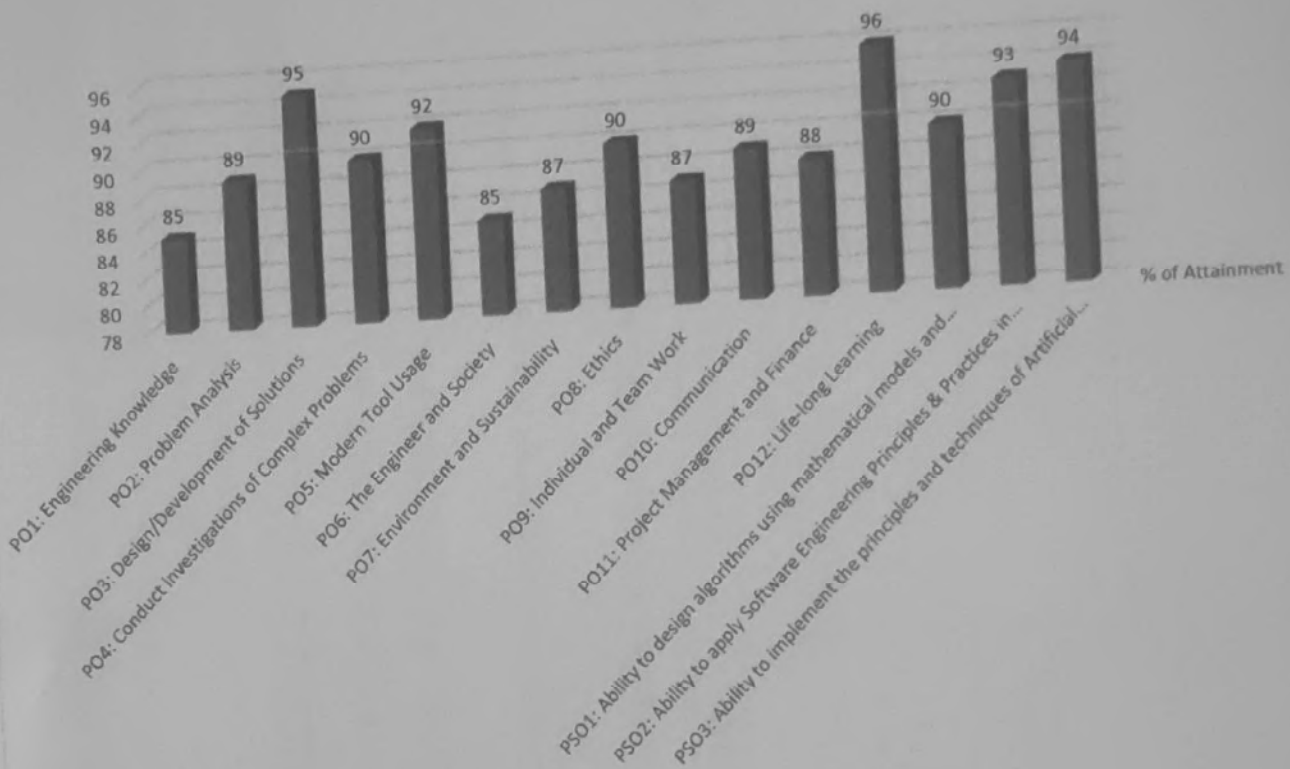
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Alumni Survey Overall % of Attainment for 2019 Admitted Batch Report



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DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY

Alumni Survey - 2019 Admitted Batch

Programme: B.Tech.

Number of respondents : 130

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/1213183.html>

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

S. No	Alumni 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	16	18	82	0.85	85
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.	7	7	7	11	98	0.89	89

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

S. No	Alumni Survey	Response Tallies and Percentages					Overall Attainment	
		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.	2	3	4	10	111	0.95	95
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.	6	6	5	13	100	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.	4	3	5	18	100	0.92	92
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.	7	6	11	29	77	0.85	85
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	6	9	28	82	0.87	87
8	PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	4	7	8	12	99	0.90	90

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

S. No	Alumni Survey	Response Tallies and Percentages					Overall Attainment	
		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.	6	8	12	10	94
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.	5	6	9	15	95	0.89	89
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.	3	5	14	23	85	0.88	88
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.	2	3	3	6	116	0.96	96
13	PSO1: Ability to design algorithms using mathematical models and implement problems through different programming tools to solve real world problems.	3	4	10	21	92	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.	3	3	7	11	106	0.93	93
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.	3	4	4	7	112	0.94	94

K. S. R. id.
Faculty In-charge

HOD

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



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S.No	Alumni Survey	% of Attainment	Attainment Level
1	PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	88	2
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	89	2
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.	91	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.	84	2
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.	82	2
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.	80	2
8	PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	87	2
9	PO9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	89	2
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	84	2

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.	82	2
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.	85	2
13	PSO1: Ability to design algorithms using mathematical models and implement problems through different programming tools to solve real world problems.	83	2
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	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.	89	2

R. Rajakumar
Faculty In-charge

[Signature]
HOD

Head of the Department
Computer Science & Technology
Madanapalle Institute of Technology & Science
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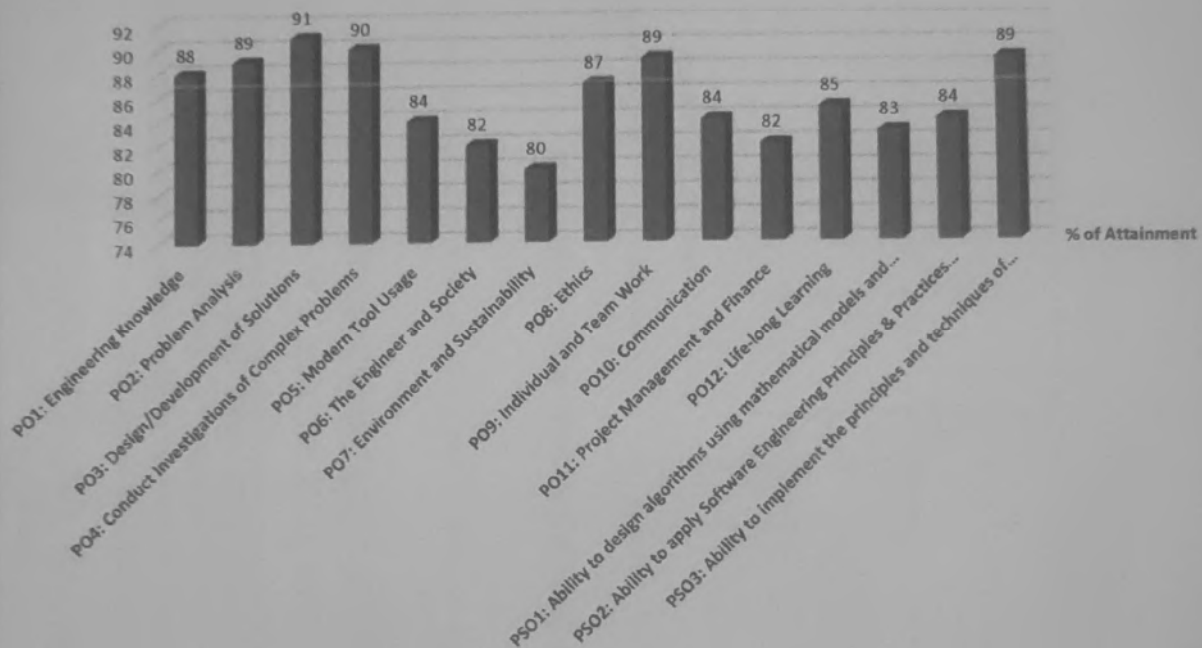
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DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY Alumni Survey - 2018 Admitted Batch

Programme: B.Tech.

Number of respondents : 38

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/1213404.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)		
		Response Tallies and Percentages					Overall Attainment	
S. No	Alumni Survey	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.	2	1	3	6	26	0.88	88
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.	1	2	2	7	26	0.89	89

		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	Alumni 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.	1	1	3	4	29	0.91	91
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.	1	1	4	4	28	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.	3	3	2	5	25	0.84	84
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.	3	2	5	6	22	0.82	82
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.	3	5	3	5	22	0.80	80
8	PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	2	1	5	3	27	0.87	87

		E- Strongly Agree (5)	D - Agree (4)	C- Neutral (3)	B- Disagree (2)	A- Strongly Disagree (1)		
		Response Tallies and Percentages					Attainment	
S. No	Alumni 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.	1	1	4	6	26	0.89	89
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.	2	2	6	5	23	0.84	84
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.	2	2	7	6	21	0.82	82
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.	2	3	3	5	25	0.85	85
13	PSO1: Ability to design algorithms using mathematical models and implement problems through different programming tools to solve real world problems.	4	2	3	4	25	0.83	83
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.	2	2	4	9	21	0.84	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.	1	1	3	8	25	0.89	89

R. Rajakumar
Faculty In-charge

[Signature]
HOD
Head of the Department
Computer Science & Technology
Kadapa: 2020-21
2020-21
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