



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2024-25 POs Attainments and Actions.

PO1 - Research / Investigation: An ability to independently carry out research /investigation and development work to solve practical problems.	
PO Average:2.21 PO Target: 80% of PO Average =1.76 PO Attainment=2.54	PO1 Target is achieved
<p>Action 1: Encouraged students to convert project work into publications or technology disclosures.</p> <p>Action 2: Motivated the students to publish papers in journals, conferences, or institutional magazines.</p> <p>Action 3: Students have been encouraged to participate in technical events and industrial visits to gain valuable insights into fundamental engineering challenges.</p>	
PO2 - Report Preparation: An ability to write and present a substantial technical report/document	
PO Average:2.21 PO Target: 80% of PO Average =1.76 PO Attainment=2.52	PO2 Target is achieved
<p>Action 1: Assignments, and technical paper presentations were implemented to strengthen technical writing, documentation, and oral presentation competencies.</p> <p>Action 2: Sample reports and rubrics are provided for reference.</p> <p>Action 3: Conducted training sessions on plagiarism awareness, similarity index reduction, and ethical research writing practices.</p> <p>Action 4: Students were encouraged to participate in project expos, technical events, and industrial visits to develop insights into solving complex engineering problems.</p>	
PO3: Students should be able to demonstrate advanced proficiency in Computer Science and allied emerging areas of Engineering.	
PO Average:2.06 PO Target: 80% of PO Average =1.64 PO Attainment=2.56	PO3 Target is achieved
<p>Action 1: Students were encouraged to participate in internships and coding competitions like Code-chef, Hackathon and ideathons etc.</p> <p>Action 2: Guest lecture have been organized by industry experts on Artificial Intelligence and Robotic Process Automation courses.</p> <p>Action 3: Students are encouraged to participate in online / offline training programs in the field of Cyber Security and Data Science applications to serve the needs of community.</p> <p>Action 4: E-learning (DSS) resources and structured assessments were adopted to ensure conceptual clarity and mastery of Advanced Data Structures and Machine Learning concepts.</p>	
PO4: Students should be able to identify, analyze, and effectively solve complex real-world problems by applying advanced computing concepts, while considering solutions from a global perspective.	
PO Average:2.09 PO Target: 80% of PO Average =1.67 PO Attainment=2.59	PO4 Target is achieved
Action 1: In laboratory courses, open ended experiments have been introduced to inculcate the modelling	

skills.	
Action 2: Research-based complex problems were assigned in Artificial Intelligence, High Performance Computing to enhance students' practical skills.	
Action 3: The faculty are highly encouraged to provide real world emerging problems to work as a academic projects and same were published in reputed journals and conferences.	
Action 4: Hackathons and Student Innovation Proposals were invited to develop prototype models.	
PO5: An ability to acquire and apply advanced technical knowledge, professional skills, and modern computing tools to develop sustainable solutions.	
PO Average:2.03 PO Target: 80% of PO Average =1.62 PO Attainment=2.57	PO5 Target is achieved
Action 1: Organized hands-on workshops on latest tools to enhance the technical knowledge required to incorporate in to the research activities in Artificial Intelligence, Cyber Security and Data Analytics.	
Action 2: Students were motivated to do certification courses.	
Action 3: Online lecture videos using ICT studio have been provided to support slow learners in achieving a better understanding.	
Action 4: Assessment rubrics included effective tool usage, experimentation quality, and sustainability considerations.	
PO6:An Ability to recognize the significance of lifelong learning and actively pursue continuous professional development by adapting technologies in emerging areas.	
PO Average:2.06 PO Target: 80% of PO Average =1.64 PO Attainment=2.58	PO6 Target is achieved
Action 1: Industry-oriented training programs were organized to bridge skill gaps in Artificial Intelligence technologies.	
Action 2: Students were motivated to pursue higher studies in areas of Cyber Security, Machine Learning, and Artificial Intelligence in premier institution.	
Action 3: Students are encouraged to take an internship through reputed platforms.	

A. Gauri A.

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PO Attainments for the Admitted batch 2023-25

S.No	Year /SEM	Subject	Code	PO1	PO2	PO3	PO4	PO5	PO6
1	I-I	Artificial Intelligence	2215801	2.14	2.04	2.14	2.14	2.14	2.14
2	I-I	Advanced Data Structures	2215802	2.63	3	2.52	2.59	3	2.64
3	I-I	Database Programming With Pl/Sql	2215813	2.58	2.45	2.59	2.59	2.42	2.48
4	I-I	Software Quality Engineering	2215804	2.85	2.88	2.77	2.82	2.74	2.77
5	I-I	Advanced Data Structures Lab	2215831	2.89	2.88	2.87	2.91	2.87	2.88
6	I-I	Database Programming With Pl/Sql Lab	2215832	2.88	2.88	2.88	2.88	2.87	2.88
7	I-I	Research Methodology & Ipr	2211234	2.16	2.04		1.80	1.56	2.04
8	I-I	Disaster Management	2215856		2.88		2.88	2.88	
9	I-II	Advanced Algorithms	2225804	1.87	1.75	1.79	1.87	1.68	1.69
10	I-II	Machine Learning	2225805	2.56	2.70	2.53	2.57	2.47	2.47
11	I-II	Advanced Computer Networks	2225820	1.51	1.74	1.57	1.59	1.47	1.57
12	I-II	Robotic Process Automation	2225824	2.48	2.25	2.47	2.41	2.39	2.30
13	I-II	Advanced Algorithms Lab	2225835	3.00	3.00	3.00	3.00	3.00	3.00
14	I-II	Advanced Computer Networks Lab	2225837	2.71	2.72	3.00	2.72	2.72	2.72
15	i-II	Mini Project With Seminar	2225839	3.00	3.00	3.00	3.00	3.00	3.00
16	I-II	Constitution Of India	2220008		2.75		2.76	2.80	2.76
17	II-I	High Performance Computing	2235826	2.67	2.80	2.54	2.54	2.54	2.93
18	II-I	Fundamentals Of Nano Technology	2235503	2.78	2.77	2.74	2.74	2.76	2.75
19	II-I	Dissertation Work Review I	2234004	3.00	3.00	3.00	3.00	3.00	3.00
20	II-II	Dissertation Work Review II	2245846	3.00	3.00	3.00	3.00	3.00	3.00
21	II-II	Viva Voce	2245847	3.00	3.00	3.00	3.00	3.00	3.00
		avg d		2.62	2.64	2.63	2.61	2.59	2.60
		EXIT		3.00	2.00	3.00	3.00	3.00	3.00
		AL		2.00	2.00	2.00	2.00	2.00	2.00
		EMP		1.00	2.00	1.00	2.00	2.00	2.00
		avg ind		0.45	0.40	0.45	0.50	0.50	0.50
		po att		2.54	2.52	2.56	2.59	2.57	2.58

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Head of the Department
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