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
MLRS

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2022-23 POs Attainments and Actions.

PO1 - Research / Investigation: An ability to independently carry out research /investigation and development work to solve practical problems.
PO Average:2.58 PO Target: 80% of PO Average =2.06 PO Attainment=2.33 — PO1 Target is achieved
Action 1: Students were encouraged to participate in technical events and industrial visits to gain practical exposure to real-world engineering challenges. **Action 2:** Students were guided to convert their project work into research publications or technology disclosures.
PO2 - Report Preparation: An ability to write and present a substantial technical report/document
PO Average:2.12 PO Target: 80% of PO Average =1.70 PO Attainment=2.24 — PO2 Target is achieved
Action 1: Assignments and technical paper presentations were incorporated to strengthen students' technical writing, documentation, and presentation skills. **Action 2:** Students were encouraged to participate in project expos, technical events, and industrial visits to enhance their understanding of complex problem-solving.
PO3: Students should be able to demonstrate advanced proficiency in Computer Science and allied emerging areas of Engineering.
PO Average:2.79 PO Target: 80% of PO Average =2.23 PO Attainment=2.38 — PO3 Target is achieved
Action 1: Students were encouraged to participate in internships and competitive platforms such as coding contests, hackathons, and ideathons. **Action 2:** Students were motivated to attend online and offline training programs in domains like Cyber Security and Data Science to address real-world and community needs.
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:2.04 PO Target: 80% of PO Average =1.63 PO Attainment=2.28 — PO4 Target is achieved
Action 1: Research-oriented problems in areas such as Artificial Intelligence and High Performance Computing were assigned to enhance practical skills. **Action 2:** Hackathons and student innovation initiatives were organized to encourage the development of prototype solutions.
PO5: An ability to acquire and apply advanced technical knowledge, professional skills, and modern computing tools to develop sustainable solutions.

PO Average:2.13 PO Target: 80% of PO Average =1.71 PO Attainment=2.26	PO5 Target is achieved
Action 1: Hands-on workshops on modern tools and technologies were organized to strengthen technical skills in areas like Artificial Intelligence, Cyber Security, and Data Analytics. **Action 2:** Students were encouraged to pursue certification courses to enhance their professional competencies.	
PO6: An Ability to recognize the significance of lifelong learning and actively pursue continuous professional development by adapting technologies in emerging areas.	
PO Average:2.02 PO Target: 80% of PO Average =1.61 PO Attainment=2.35	PO6 Target is achieved
Action 1: Students were guided and motivated to pursue higher studies in emerging fields such as Cyber Security, Machine Learning, and Artificial Intelligence in premier institutions. **Action 2:** Students were encouraged to undertake internships through reputed platforms to gain industry exposure.	

Head of the Department
Department of Computer Science & Engineering
Marri Laxman Reddy
Institute of Technology & Management

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PO Attainments for the Admitted Batch 2021-23

S.No	Year /SEM	Subject	Code	PO1	PO2	PO3	PO4	PO5	PO6
1	I-I	Machine Learning	2015801	2.75	2.75	2.77	2.72	2.73	2.8
2	I-I	Advanced Data Structures	2015802	2.8	2.8	2.8	2.8	2.8	2.8
3	I-I	Research Methodology and IPR	2015803	2.43	2.4	2.42	2.4	2.41	2.44
4	I-I	Information Security	2015811	2.89	2.82	2.56	2.78	2.81	2.91
5	I-I	Cloud Computing	2015815	2.64	2.68	2.58	2.64	2.8	2.48
6	I-I	Machine Learning Lab	2015831	2.88	2.88	2.88	2.89	2.88	2.88
7	I-I	Advanced Data Structures Lab	2015832	3	2.92	2.93	2.92	2.91	2.92
8	I-I	Disaster Management	2010002	2.91	2.8	2.92	2.93	2.92	2.93
9	I-II	Advanced Algorithms	2025804	2.66	2.37	2.58	2.58	2.9	3
10	I-II	Data Science	2025805	1.42	1.31	1.44	1.47	1.49	1.4
11	I-II	Parallel And Distributed Algorithms	2025817	1.69	1.62	1.74	1.74	2.01	
12	I-II	Software Architectute And Design Pattern	2025820	1.56	1.23	1.63	1.63	1.63	1.28
13	I-II	Advanced Algorithms Lab	2025833	2.57	2.57	2.56	2.53	2.5	2.56
14	I-II	Data Science Lab	2025834	2.66	2.64	2.64	2.64	2.57	2.64
15	I-II	Pedagogy Studies	2020006	2.8	2.8	2.8	2.8	2.8	2.8
16	I-II	Mini Project	2025835	2.8	2.8	2.8	2.8	2.8	2.8
17	II-I	Soft Computing	2025823	2.15	2.24	2.24	2.24	2.43	1.96
18	II-I	Fundamentals Of Nano Technology	2035503	2.36	2.32	2.55	2.38	2.32	2.32
19	II-I	Dissertation Work Review I	2025836	2.68	2.68	2.68	2.68	2.68	2.68
20	II-II	Dissertation Work Review II	2025837	2.92	2.92	2.92	2.92	2.92	2.92
21	II-II	Viva Voce	2025838	2.76	2.76	2.76	2.76	2.76	2.76
DIRECT				2.54	2.49	2.53	2.54	2.57	2.56
EX				2.00	1.00	2.00	1.00	1.00	2.00
AL				1.00	2.00	2.00	2.00	1.00	1.00
EMP				1.00	1.00	1.00	1.00	1.00	1.00
INDIRECT				0.30	0.25	0.35	0.25	0.20	0.30
PO Attainment				**2.33**	**2.24**	**2.38**	**2.28**	**2.26**	**2.35**

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