



Department of Information Technology

PO-PSO attainments of 2019-23 Batch R18 II

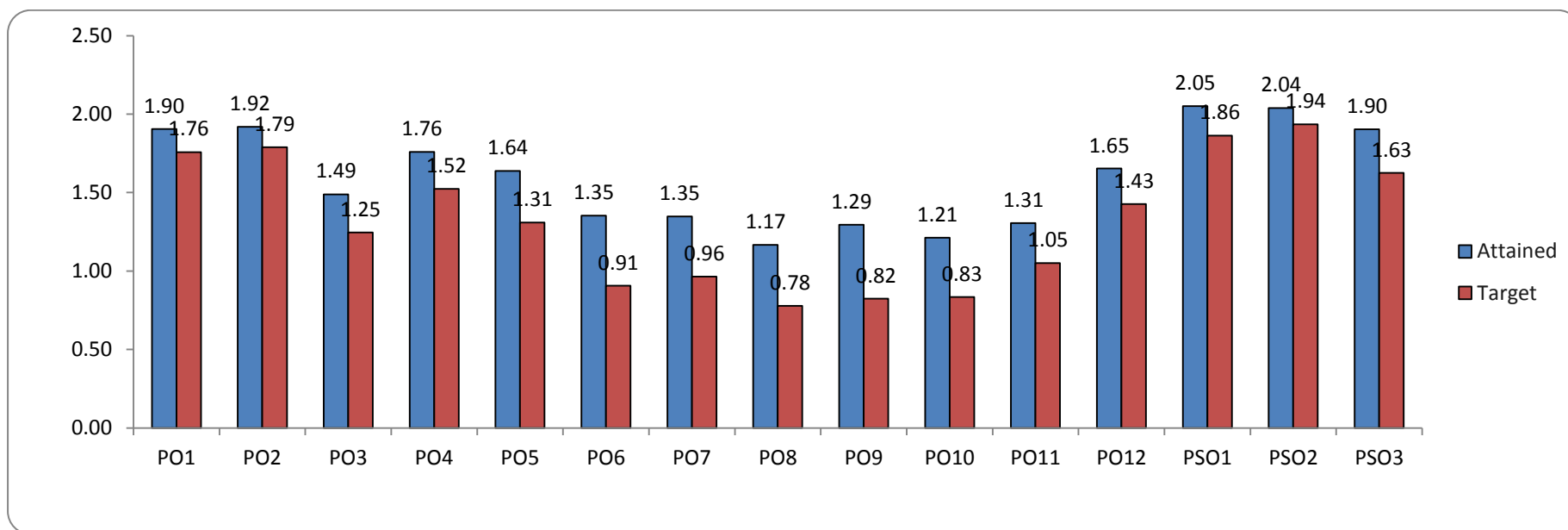
Direct Attainment: 2022-23	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Mapping Averages	1.98	2.01	1.40	1.71	1.47	1.02	1.08	0.87	0.92	0.94	1.18	1.60	2.09	2.17	1.83
Attainment averages	1.74	1.77	1.24	1.54	1.44	1.01	1.08	0.84	0.94	0.82	0.96	1.43	1.92	1.89	1.74

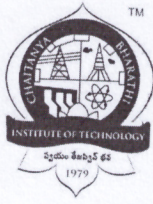
Indirect Attainment: 2022-23	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Program Exit Survey	2.29	2.28	2.29	2.33	2.31	2.30	2.32	2.32	2.37	2.34	2.32	2.37	2.33	2.31	2.30
Employer Survey	2.44	2.44	2.25	2.63	2.4	2.63	2.38	2.63	2.5	2.78	2.38	2.78	2.67	2.83	2.5
Co-Curricular Activities	3.00	2.88	2.89	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.78	2.78	2.89
Extra Curricular Activities	-	-	-	-	2.00	3.00	2.00	2.00	3.00	3.00	3.00	2.00	-	-	-
Indirect Attainment	2.58	2.53	2.48	2.65	2.43	2.73	2.43	2.49	2.72	2.78	2.67	2.54	2.59	2.64	2.56

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
80% of Direct attainment	1.39	1.41	0.99	1.23	1.15	0.81	0.86	0.67	0.75	0.66	0.77	1.15	1.53	1.51	1.39
20% of Indirect Attainment	0.52	0.51	0.50	0.53	0.49	0.55	0.49	0.50	0.54	0.56	0.53	0.51	0.52	0.53	0.51
Final Attainment	1.90	1.92	1.49	1.76	1.64	1.35	1.35	1.17	1.29	1.21	1.31	1.65	2.05	2.04	1.90

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
PO-PSO Articulation averages are	1.98	2.01	1.40	1.71	1.47	1.02	1.08	0.87	0.92	0.94	1.18	1.60	2.09	2.17	1.83
89% of mapping average	1.76	1.79	1.25	1.52	1.31	0.91	0.96	0.78	0.82	0.83	1.05	1.43	1.86	1.94	1.63

2022-23 Graduated Batch attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Final attainment	1.90	1.92	1.49	1.76	1.64	1.35	1.35	1.17	1.29	1.21	1.31	1.65	2.05	2.04	1.90
Target	1.76	1.79	1.25	1.52	1.31	0.91	0.96	0.78	0.82	0.83	1.05	1.43	1.86	1.94	1.63
Attained Status	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes





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COMMITTED TO
RESEARCH,
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45
years

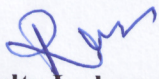
Name of the Department: Information Technology
Academic Year: 2022-23(Batch 2019-23 passed out)
UG Programme:

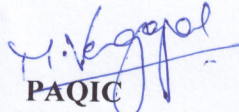
Program outcomes	Target Fixed	Target Achieved	Observation(Attained/not attained)	Actions Taken		
				A1	A2	A3
PO1	1.76	1.90	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Bridge course classes are to be conducted for lateral entry students to teach Engineering concepts that they missed during the first year of the program.	Tutorial Hours to be conducted for weak Learners.	
PO2	1.79	1.92	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Students are to be motivated to participate in innovative project exhibitions for developing an analytical approach, which further helps them in problem solving.	Tutorial classes are to be conducted to make the students analyze and solve complex engineering problems by applying the principles of mathematics and sciences.	
PO3	1.25	1.49	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Courses that inculcate the ability to Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health	Students are encouraged and motivated to take up course level project works that include and pertain to public health and safety, and the cultural, societal and environmental considerations.	

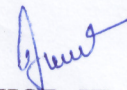
				and safety, and the cultural, societal, and environmental considerations, are included and continuously updated.		
PO4	1.52	1.76	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Students are to be motivated to attend Hackathons, coding competitions, Inter / Intra college seminars, workshops, Paper/Poster presentations, conferences, to do projects in the latest trending areas.	Courses are included and syllabi updated to include and inculcate the analysis and research skills.	
PO5	1.31	1.64	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Students are trained to use Open Source Software / Technologies such as Anaconda, R-Tool, Eclipse, Keras, Tensorflow, MySQL, Linux based OS, Hadoop, Pig and Hive.	Students are encouraged to pursue their Mini and Major projects using the latest tools and technologies.	Google Colab is recommended for 18MTC09 and 18MBC01 to enhance student learning.
PO6	0.91	1.35	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Students are to be encouraged to take part in Swachh Bharat drives, Blood Donation Camps, community development programs.	Awareness programs on road safety, yoga and art of living to be organized.	
PO7	0.96	1.35	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Tree Plantation program(Haritha Haram) to be organized to encourage the students to understand the responsibility towards the environment.	Students are to be encouraged to indulge in projects, in which global and environmental issues are improved, with respect to consumption of energy and utilization of renewable energy resources.	
PO8	0.78	1.17	Target level is achieved. No gap is	Students are to be motivated to practice	Motivational programmes are	Students are to be encouraged

			observed for the set Target level. But still there is scope for further improvement.	ethical values in the engineering profession, through practice courses.	to be conducted.	to participate in co-curricular activities.
PO9	0.82	1.29	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Team based learning is to be practiced for Mini Projects, Major Project, Project Seminars and Assignments.	Rubrics are to be created to assess the performance of every individual in the team and whole team performance. The rubrics to be shared with students.	Students are to be encouraged to work as teams in organizing various events during cultural, technical fests conducted annually by the Institute and in technical clubs.
PO10	0.83	1.21	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Curriculum is to be enriched with courses on Soft Skills and employability, Project Seminars, Technical Seminars, where students listen, observe and demonstrate their presentation skills.	Student's presentations are to be made mandatory in Minor and Major projects and give more importance to communication skill parameter in evaluation rubric.	Soft skills training is to be imparted to students to enhance various aspects of communication/technical talks by group discussions, presentations.
PO11	1.05	1.31	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Curriculum is to be facilitated to understand principles of project management and finance through Engineering Economics and Accountancy courses.	Students are to be encouraged to organize the events through professional societies and student clubs and raise required funds through sponsorship and registrations and reach break even.	
PO12	1.43	1.65	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Curriculum is to be facilitated students to earn credits through MOOC and NPTEL courses and is considered for the award of Honors and Minor Engineering Degrees.	Audit courses are to be planned for the latest courses in blended mode.	
PSO1	1.86	2.05	Target level is	Training programs are	Students are to be	

			achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	to be conducted for students to learn the latest technologies for providing IT enabled solutions.	encouraged to take up projects on real time industry problems and give optimized solutions to them for their challenges.	
PSO2	1.94	2.04	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	Students and faculty should be encouraged to map their interest and skills to technology domains.	Students are to be encouraged to publish research articles related to their interested technology domain in reputed journals and conferences	
PSO3	1.63	1.90	Target level is achieved. No gap is observed for the set Target level. But still there is scope for further improvement.	The Sessions are to be organized with experts about Higher studies opportunities in India and abroad.		


Faculty Incharge


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