

INNOVATA

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VISION

To become a Center of Excellence in the Information Technology discipline with effective teaching and strong research environment that makes our students globally competitive with strong ethical values and leadership abilities.

MISSION

- * To impart technical knowledge to the students to turn out proficient and well groomed engineers.
- * Motivate students to improve skills by attending training programs and internships that leads to develop innovative projects in emerging technologies.
- * To train our students for higher education, leadership in profession and adopt quality research.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) OF B.TECH IT

- * To provide students with a sound foundation in Information Technology theory and practices to analyze, formulate and solve engineering problems.
- * To develop an ability to design algorithms, implement programs and deploy software.
- * To develop Information Technology solutions with the changing needs of the society for the career-related activities.

PROGRAMME OUTCOMES (POs) OF B.TECH IT

PO1	Engineering Knowledge	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	Problem Analysis	Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
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.
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.
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.
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.
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.
PO8	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	Individual and Team Work	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
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.
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
PO12	Life-Long Learning	Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

CHIEF EDITOR MESSAGE



Dr. K. Ashoka Reddy,
Principal

It gives me immense pleasure to pen a few words as prologue to our in-house Newsletter exclusively meant for churning out the latent writing talent which bears immense potentiality of sharpening communication skills as part of overall personality development. I congratulate the editorial board of the newsletter for their untiring efforts in collecting and compiling the data without which it would have not been possible to place this newsletter in your hands. I, on behalf of KITSW family, wish you all the best for achieving greater success and scaling new heights in the future.

Chief Editor:

Dr. K. Ashoka Reddy,
Principal

Editor :

Dr. T. Senthil Murugan,
Professor & Head,
Dept. of IT

Editor In-charge:

Sri. K. Goutham Raju,
Assistant professor,
Dept. of IT

Student Editor:

Sri. R. Hanudeep Reddy
B21IT001

EDITOR MESSAGE

My hearty congratulations and best wishes to one and all. I would like to welcome you all, to the Twenty Seventh edition of newsletter from Department of Information Technology. It is our aim to communicate with all our stakeholders about the activities going on in the Department. Throughout the newsletter you will see various activities in the department, student and faculty achievements during this semester. We welcome your feedback and would like to hear what you think of this newsletter.



Dr. T. Senthil Murugan
Professor & HOD

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) OF M.TECH DATA SCIENCE

PEO1	Research and Innovation	attain proficiency in the field of data science to analyze, synthesize, simulate and use innovative techniques in research & teaching
PEO2	Technical expertise and Successful career	excel in profession, become an entrepreneur by adopting emerging technologies in the field of data science.
PEO3	Soft skills and Life-long learning	exhibit professional ethics, effective communication and develop solutions with the changing needs of the society for careerrelated activities.

PROGRAMME OUTCOMES (POs) OF M.TECH DATA SCIENCE

PO1	Engineering Knowledge	Independently carry out research and development work to solve practical problems.
PO2	Problem Analysis	Write and present an effective technical report/document.
PO3	Design/ Development of Solutions	Demonstrate competency in the field of data science.

PLACEMENTS

Following is the list of placed students who have received offer letters during this semester

S. No	Roll No.	Name of the Student	Selected for company	CTC (IN LAKHS)
1	B21IT008	SRIRAMOJU RIDHIMA	COGNIZANT (CTS)	4
2	B21IT009	EMMADI DEEKSHITH KUMAR	Cognizant Gen C	4
3	B21IT010	PULLURU SHREYA	Genpact	3.6
4	B21IT013	MASARTI RAJ KUMAR	iBASIS India Pvt Ltd	3.8
5	B21IT014	THIPPARAPU SAICHANDANA	MASTISIKA	3.00
6	B21IT017	NUKA ABHINAY	COGNIZANT (CTS)	4
7	B21IT028	YERRA AKHILENDRA	COGNIZANT (CTS)	4
8	B21IT030	KANTURI BHAVITHA	LTI MINDTREE	4.05
9	B21IT035	LYAGALA MANISH REDDY	SOTI	7.5
10	B21IT037	K HARSHAVARDHAN	LTI MINDTREE	4.05
11	B21IT038	CHANDRAGIRI SRUJANA	Global Tax Hub	3.00
12	B21IT049	ADIRALA SREEJA	LTI MINDTREE	4.05
13	B21IT056	NALLA MANASA	MASTISIKA	3.00
14	B21IT059	GORRE ANKITHA	LTI MINDTREE	4.05
15	B21IT075	PULI DIVYA	LTI MINDTREE	4.05
16	B21IT077	MADADI NANDINI	LTI MINDTREE	4.05
17	B21IT092	GURRAPU VIGNESHWAR	COGNIZANT (CTS)	4
18	B21IT101	LYAGALA GANESH YADAV	LTI MINDTREE	4.05
19	B21IT110	PALEPU GAYATRI SHARMA	LTI MINDTREE	4.05
20	B21IT113	DASI SHIVA PRANAV	COGNIZANT (CTS)	4
21	B21IT116	ARELLI SREERAM	LTI MINDTREE	4.05
22	B21IT122	SUDDALA SAI SHIVAKSHITH RAO	COGNIZANT (CTS)	4
23	B22IT132L	PINNAM MADHU	ASPYRAILABS PVT. LTD	3.8
24	B22IT134L	SYED WAJID PASHA	COGNIZANT (CTS)	4
25	B22IT136L	BOLLU VYSHNAVI	LTI MINDTREE	4.05

M.TECH DATA SCIENCE PLACEMENTS

1	M20DS006	SIDDA SMARAN	JRF AT DRDO, HYDERABAD	31K PM INTERN
2	M23DS001	SUMAYYA YASMEEN	TCS HYDERABAD	7.00
3	M23DS003	UFAIRA TAZHEEN	LTI MIND TREE, HYDERABAD	25K PM INTERN
4	M23DS005	DASARI BHARGAVI	ACCENTURE, HYDERABAD	4.5
5	M23DS006	DURGAM SRIJANJALI	E2OPEN SOFTWARE INDIA PRIVATE LIMITED	8

STUDENT ACHIEVEMENTS

S.No	Roll No	Student Name	NPTEL Course / Moocs Course	Awarded With	Duration	Weeks
1	B23IT117	K.Aryan	NPTEL: Cyber Security and Privacy	Completion Certificate	Jul-Oct 2024	12
2	B23IT068	Pulluri Sushanth	NPTEL: Problem solving through programming in c	Completion Certificate	Jul-Oct 2024	12
3	B22IT066	K.Chaitanya	MOOCS:Computer Graphica and Multimedia	Completion Certificate	Jul-Sep 2024	8
4	B22IT077	G.Rajashekar	MOOCS: Computer Graphica and Multimedia	Completion Certificate with Elite	Jul-Sep 2024	8

S.No	Roll No	Student Name	Conference/ Workshop	Dates of the attended program	Organized institute
1	B23IT117	K.Aryan	Conference	19-10-2024 to 24-10-2024	Osmania University
2	B23IT117	K.Aryan	Conference	21-09-2024	BITS, warangal

FACULTY CONTRIBUTIONS

NPTEL COURSES BY FACULTY:

S.N.	Name of the Faculty	Name of Course Passed	Course Offered by (agency)	Grade obtained if any
1	Dr. T. Senthil Murugan	Cloud Computing	IIT Kharagpur	91%, Topper 1%, Elite+Gold
2	A Bhaskar	The Joy of Computing Using Python	IIT Madras	83%, Elite+Silver
3	Dr. Y. Bhavani	Ethical Hacking	IIT Kharagpur	81%, Elite+Silver
4	Dr. K. Praveen Kumar	Cloud Computing	IIT Kharagpur	90%, Topper 1%, Elite+Gold
5	Dr. K. Deepika	Introduction to Internet of Things	IIT Kharagpur	84%, Elite+Silver
6	S. B. Swathi	Cloud Computing	IIT Kharagpur	67%, Elite
7	Sobiya Sabahat	Introduction to Internet of Things	IIT Kharagpur	88%, Topper 5%, Elite+Silver
8	K Goutham Raju	Programming in Modern C++	IIT Madras	55%, Completed
9	S Sathish Kumar	Software Testing	IIIT Bangalore	60%, Elite

INDUSTRY TRAINING ATTENDED BY FACULTY:

S.N.	Name of the Faculty	Name of the Internship/ Training/ Collaboration	Name of the Company &Place	Duration	Outcomes of Internship/ Training/ Collaboration
1	Dr. Y. Bhavani	HPC Master Trainer Program	C-DAC at Pune	27.05.2024 to 07.06.2024	The HPC Master Trainer Program equips participants with advanced skills in high-performance computing, enabling them to optimize complex computational problems and effectively train faculty and students.
2	Dr. K. Deepika	Post Graduate Certification in Data Science	iHUB-DivyaSampark at IIT Roorke	26.02.2023 to 08.08.2024	It enhances career opportunities in data-driven fields, preparing individuals for roles such as data scientist, machine learning engineer, or data analyst.

Conference:

Sri. K Goutham Raju:

S. Tharun Reddy, M. Rajesh, **K. Goutham Raju** and B. Prashanth, "Distressful movement recognition from surveillance video by deep learning method", *AIP Conference Proceedings*, vol. 2971, no. 1, pp. 020044-1-020044-7, June. 2024, doi: <https://doi.org/10.1063/5.0196240>

FACULTY CONTRIBUTIONS CONTD..

Patent:

S.no	Application Number	Title	Filed Date	Published Date	Applicants	Status
1	20244108450 5	CARDIACNET AUTOMATED DETECTION AND CLASSIFICATION OF CARDIAC ARRHYTHMIA USING DEEP LEARNING MODEL	05/11/2024	08/11/2024	2)Garlapati Supriya, Assistant Professor, Dept. of CSE 3)Kodam. Goutham Raju, Assistant Professor, Dept. of IT 4)Garlapati Swetha, Assistant Professor, Dept. of CSE 5)Chiruvella Chaitanya, Assistant Professor, Dept. of CSE 6)Naika Suman, Assistant Professor, Dept. of CSE-DS 7)Satheesh Sarabu 8)G Harika, Assistant Professor, Dept. of CSE-DS	Published

FDP'S:

VARIOUS FDP'S ATTENDED BY THE FACULTY FROM THE DIFFERENT INSTITUTIONS



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp: Yerragattu Hillock, Village: Bheemaram, Mandal: Hasanparthy, Warangal, Telangana, 506015.