DEPARTMENT OF INFORMATION TECHNOLOGY PRESENTS

INNOVATA

Newsletter
Issue: 28
June 2025

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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 knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.
PO2	Problem Analysis	Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)
PO3	Design/ Development of Solutions	Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)
PO4	Conduct Investigations of Complex Problems	Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).
PO5	Engineering Tool Usage	Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)
PO6	The Engineer and The World	Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).
PO7	Ethics	Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)
PO8	Individual and Collaborative Team work	Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.
PO9	Communication	Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences
PO10	Project Management and Finance	Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.
PO11	Life-Long Learning	Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)



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 Eighth 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	SRIRAMOJURIDHIMA	COGNIZANTGENC	4
2	B21IT009	EMMADIDEEKSHITH KUMAR	COGNIZANTGENC	4
3	B21IT010	PULLURU SHREYA	GENPACT	4.2
4	B21IT012	VANGALA AJITH KUMAR	COGNIZANTGENC	4.02
5	B21IT013	MASARTIRAJKUMAR	iBASIS	3.5
6	B21IT014	THIPPARAPUSAICHANDANA	MASTISHKA	3
7	B21IT017	NUKAABHINAY	COGNIZANTGENC	4
8	B21IT020	RACHAMALLA DEEPIKA	COGNIZANTGENC	4.02
9	B21IT028	YERRA AKHILENDRA	LTIMINDTREE	4.05
10	B21IT030	KANTURIBHAVITHA	LTIMINDTREE	4.05
11	B21IT035	LYAGALAMANISHREDDY	SOTINextGen	7.5
12	B21IT037	KHARSHAVARDHAN	LTIMINDTREE	4.05
13	B21IT042	BANDARIVARSHATH	RealPage	15000K Internship
14	B21IT044	ATIKAMANIRUDH	RealPage	15000K Internship
15	B21IT049	ADIRALA SREEJA	LTIMINDTREE	4.05
16	B21IT052	KASARAPUSHWETHAPRIYA	PRICEWATERCOOPERS	4.25
17	B21IT056	NALLA MANASA	MASTISHKA	3
18	B21IT059	GORREANKITHA	LTIMINDTREE	4.05
19	B21IT070	AKUTHOTA ANIL	DELOITTE CYBERSECURITY	4.5
20	B21IT075	PULIDIVYA	LTIMINDTREE	4.05
21	B21IT077	MADADI NANDINI	LTIMINDTREE	4.05
22	B21IT090	BINGI SAIVARSHA	LTIMINDTREE	4.05
23	B21IT092	GURRAPUVIGNESHWAR	COGNIZANTGENC	4
24	B21IT101	LYAGALAGANESH YADAV	LTIMINDTREE	4.05
25	B21IT110	PALEPUGAYATRISHARMA	LTIMINDTREE	4.05
26	B21IT113	DASI SHIVA PRANAV	LTIMINDTREE	4.05
27	B21IT116	ARELLISREERAM	LTIMINDTREE	4.05
28	B21IT119	SRIRAMULA SANTHOSH	LTIMINDTREE	4.05
29	B21IT122	SUDDALASAI SHIVAKSHITH RAO	COGNIZANTGENC	4
30	B22IT132L	PINNAMMADHU	ASPYR	4
31	B22IT134L	SYED WAJID PASHA	LTIMINDTREE	4.05
32	B22IT136L	BOLLUVYSHNAVI	LTIMINDTREE	4.05

STUDENT ACHIEVEMENTS

Student Acceleration Program:

S.No	Roll No	Student Name	Equivalent NPTEL Course	Awarded With	Duration	Credits
1	B22IT002	K. Charan Jit Reddy	Internet of Things	Elite	12 Weeks	3
			Machine Learning	Elite	12 Weeks	3
			Entrepreneurship Development	Elite	12 Weeks	3
2	B22IT016	L. Srija	Cloud Computing	Elite	8 Weeks	3
3	B22IT022	V. Harshitha	Cloud Computing	Elite	8 Weeks	3
4	B22IT025	B. Sai Pragna	Entrepreneurship Development	Qualified	12 Weeks	3
5	B22IT037	B. Sai Krishna	Cloud Computing	Elite	8 Weeks	3
6	B22IT043	B. Manaswini	Cloud Computing	Elite	8 Weeks	3
7	B22IT050	Ch. Shivaram	Cloud Computing	Elite	8 Weeks	3
8	B22IT060	V. Naga Nandita Sai	Entrepreneurship Development	Completed	12 Weeks	3
9	B22IT080	P. Vaishnavi	Introduction to Machine Learning	Elite	12 Weeks	3
			Introduction to Internet of things	Elite	12 Weeks	3

Students participated in Blood Donation Camp

S.No	Roll No	Student Name	Activity	Dates of the attended program	Organized By
1	B23IT077	K.Sai Akshay	Donated Blood	11.02.2025	RED Cross & KITSW
2	B23IT091	Guduri Divya Sai Charan	Donated Blood	11.02.2025	RED Cross & KITSW
3	B23IT097	A.ROSHAN REDDY	Donated Blood	11.02.2025	RED Cross & KITSW
4	B22IT107	Syed Saad Sharief	Donated Blood	11.02.2025	RED Cross & KITSW

FACULTY ACHIEVEMENTS

Publications:

D. Jyothi (Scopus):

Voore Subrahmanyam, N. Sateesh Kumar, Nagurla Mahender**, Jyothi Devaraj**, Indraneel K, Sriram Parabrahmachari, "An Efficient Algorithm to Enhance Confidentiality, Security and Quality of Service(QoS) for Internet of Things(IoT) Communication Network", Communications on Applied Nonlinear Analysis, Vol. 32, No. 3s, Jan. 2025, ISSN: 1074-133X
DOI: https://doi.org/10.52783/cana.v32.2529

Dr. Deepika Kongara (Scopus):

Dr. Deepika Kongara, Shivani Krishnama, "A Framework for Character Recognition APP Using ML Kit", *Journal of Information Systems Engineering and Management,*Vol.10, No.41s, Feb 2025, ISSN: 2468-4376
doi: https://doi.org/10.55267/iadt

Bhaskar Adepu (Scopus):

Bhaskar Adepu, Dr. T. Archana, "Multi-Model Stack Ensemble Deep Learning Approach for Multi-Disease Prediction in Healthcare Application", *Journal of Mechanics of Continua and Mathematical Sciences,* Vol.20, No. 3,pp. 135-155, March 2025, ISSN: 2454-7190. doi:https://doi.org/10.26782/jmcms.2025.03.00009

Conference:

B. Shruthi (IEEE) :

V. Shobha Rani, Chittireddy Akhil Reddy, V. Ramu, A. Ramesh Babu, Vallem Randheer Reddy, **B. Shruthi, "** MBTI Personality Type Prediction Using BERT-LSTM and Deep Learning on Social Media Posts", *2024 4th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS),* Feb. 2025 DOI: https://doi.org/10.1109/ICUIS64676.2024.10866575

FACULTY CONTRIBUTIONS CONTD..

Patent:

S.no	Application Number	Title	Filed Date	Published Date	Applicants	Status
1	202541027105 A	Early Detection of Alzheimer's Disease (Ad) Using A Novel System And Methods Using LLMs	24/03/2025	25/04/2025	**1)S. Sangeetha** 2)Dr. Sheshikala Martha	Published

In House Internship (Student Summer Internship Program):

Title of the Internship: Industry-Oriented Java Full Stack Development Training using React, Node.js & MySQL
Dates of the Internship: 2nd June, 2025 to 27th June, 2025 (4 Weeks)
No.of Students completed: 12 (III Year, IV Year)
Resource Person Name & Designation: S. Tharun Reddy, Trainer Sunstone Eduversity
Convenor: Dr. T. Senthil Murugan, Professor & Head, Dept. of IT
Co-ordinator: Sri. K. Goutham Raju, Asst. Professor, Det. of IT





FDP'S:

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

NPTEL Certofications:

S.no	Faculty Name	NPTEL Certification in	Duration	Grade obtained
1	Dr. B Kiran Kumar	Fundamentals of Object Oriented Programming	12 Week	90%, Topper 5% Elite+Gold
2	R. Sandhya Rani	Introduction to Internet of Things	12 Week	91%, Topper 5% Elite+Gold
3	B Shruthi	Cloud Computing	12 Week	70%, Elite
4	S Sathish Kumar	Sensors and Actuators	12 Week	75%, Elite+Silver
5	Amera Almas	Software Testing	4 Week	62%, Elite

