



NEURANEX

JAN-JUNE 2026 (Vol-II)



Department of Computer Science and Engineering(AI&ML)

Jyothishmathi Institute of Technology & Science started its academic journey in 1997 with a quest to impart technical education to the rural youth. The commitment towards providing the highest quality of education through innovative teaching methods to its students has always brought laurels.

Jyothishmathi Institute of Technology and Science (autonomous), Karimnagar, has signed a Memorandum of Understanding (MoU) with T-Hub, Talent Farm, TASK, Edunet Foundation, and SAP Centre of Excellence in Hyderabad.

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Program Educational Objectives (PEOs)

Fundamental Knowledge: Graduates will build a strong foundation in mathematics, computer science, and artificial intelligence principles to analyze, model, and solve complex problems in AI and Machine Learning.

Core Competencies: Graduates will gain expertise in core areas of Artificial Intelligence and Machine Learning, enabling them to design and implement intelligent systems for real-world applications.

Breadth: Graduates will acquire interdisciplinary knowledge to integrate AI/ML solutions across various domains such as healthcare, finance, robotics, and smart environments, adapting to emerging technologies and global needs.

Professionalism: Graduates will demonstrate ethical behavior, teamwork, leadership, and communication skills, contributing effectively in collaborative and multicultural work environments.

Learning Environment: Graduates will pursue lifelong learning through higher education, industry certifications, and innovation-driven projects in a dynamic and inclusive learning environment that nurtures creativity and entrepreneurial thinking.

INSTITUTE VISION

To be a premier engineering institution striving continuously to deliver quality technical education, nurturing competent engineers capable of achieving global excellence with societal consciousness

INSTITUTE MISSION

- To embrace emerging teaching techniques that equip students to face technical challenges with confidence and competence.
- To cultivate a culture of innovative thinking that inspires students to develop creative solutions to real-world problems.
- To instil leadership qualities and foster an entrepreneurial mindset in students, enabling them to contribute positively to society.

DEPARTMENT VISION

To emerge as a center of excellence in Artificial Intelligence and Machine Learning, offering quality technical education that empowers future innovators to achieve global excellence and drive intelligent solutions for societal advancement

DEPARTMENT MISSION

- To provide quality education in AI and ML, equipping students with advanced computational skills to excel in a globally competitive environment.
- To foster a spirit of innovation and critical thinking, enabling students to develop practical solutions that benefit society.
- To promote strong collaborations with industry and academia, nurturing an entrepreneurial mindset and continuous professional growth in the field of AI and ML.

TRAINING AND PLACEMENTS

PROUD PLACEMENT ACHIEVEMENT AT JITS

Zunaira Amber (IV B.Tech CSM) has secured a placement as a SOC Analyst at Otomeyt AI with an impressive package of ₹6.6 LPA. Otomeyt AI is an emerging technology company specializing in AI-driven cybersecurity and intelligent security solutions. The SOC Analyst role provides hands-on experience in security monitoring, threat detection, incident response, and cyber defense while enabling graduates to strengthen their technical and analytical skills. With a package of ₹6.6 LPA, this achievement marks an excellent beginning to a promising career in the cybersecurity and artificial intelligence domain.



Lumina Datamatics, a leading provider of content, data, and technology solutions, conducted a Campus Recruitment Drive at Jyothishmathi Institute of Technology and Science (Autonomous), Karimnagar, on 30 May 2026 for final-year engineering students. The recruitment process consisted of Group Discussion, Technical Interview, and HR Interview, enabling students to demonstrate their technical proficiency, communication skills, problem-solving abilities, and professional aptitude.

A total of 12 students were successfully selected with a package of ₹3 LPA. The recruitment drive provided students with an excellent opportunity to begin their professional careers in the IT and digital services industry while gaining exposure to real-world projects and a collaborative work environment. This successful placement drive reflects the institute's commitment to industry-oriented education, skill development, and preparing students for rewarding career opportunities through strong industry partnerships.



Rishika Shrinivas Billa (IV B.Tech CSM) has secured a placement as a Systems Engineer at Tata Consultancy Services (TCS) with an impressive package of ₹7.09 LPA. This remarkable achievement reflects her technical proficiency, consistent academic performance, and dedication to excellence. The placement marks a significant milestone in her professional journey and highlights the department's commitment to nurturing industry-ready graduates capable of excelling in the ever-evolving technology landscape.



Congratulations
FOR BEING PLACED IN

accenture

PACKAGE **6.28** LPA



A Akshay, S Adithya, S Hemanth, and P.N. Deekshith (IV B.Tech CSM) have secured placements as Advanced App Engineering Associates at Accenture with an impressive package of ₹6.28 LPA. Their achievement reflects their technical competence, perseverance, and readiness to meet industry expectations. This milestone showcases the department's commitment to academic excellence, skill development, and preparing students for rewarding careers in the rapidly evolving technology sector.

Nikhil Kumar Rajak (IV B.Tech CSM) has secured a placement as an Associate Software Developer at Antino with an impressive package of ₹6.26 LPA. This accomplishment reflects his strong technical skills, dedication, and commitment to excellence. The achievement marks a significant milestone in his professional journey and highlights the Department of Artificial Intelligence & Machine Learning's focus on fostering innovation, industry-relevant skills, and career readiness. The department extends its best wishes to him for continued success and a rewarding career in the software industry.



DEPARTMENTAL EVENTS

The ICT Academy – Cognizant Foundation Tech4All Phase II CSR Training Programme on Data Analytics was inaugurated at Jyothishmathi Institute of Technology and Science (JITS – Autonomous), Karimnagar, on 17 February 2026. Sponsored by the Cognizant Foundation and implemented by ICT Academy, the initiative aims to equip 65 women students with industry-relevant knowledge in Data Analytics through 120 hours of comprehensive technical and soft skills training.



DEPARTMENTAL EVENTS

The Entrepreneurship Awareness Programme was organized on 23 February 2026 at Jyothishmathi Institute of Technology and Science (JITS – Autonomous), Karimnagar, in collaboration with the Central Institute of Tool Design (CITD), MSME. Centered on the theme "Crafting the Entrepreneurial Mindset," the programme inspired students to explore entrepreneurship as a viable career path by fostering innovation, creativity, leadership, and startup-oriented thinking.

The keynote session by Prof. Devaraju Venkata Rao provided valuable insights into the fundamentals of entrepreneurship, including opportunity identification, business planning, financial management, risk assessment, and sustainable business practices.



DEPARTMENTAL EVENTS



(JITS - Autonomous), Karimnagar, in collaboration with IBM and ICT Academy, organized a four-day Advanced Skills Training Programme from 25-28 February 2026 for final-year CSM students. Recognized by IBM as a Host Institute, JITS continues to strengthen industry-academia collaboration by providing students with access to globally relevant technologies and professional learning opportunities.

The programme focused on Amazon Web Services (AWS) and other advanced IT technologies, offering participants hands-on training, practical problem-solving experience, and insights into current industry practices through sessions conducted by IBM experts. In addition to the intensive training, students received six months of online learning access, enabling them to further enhance their technical competencies at their own pace.

DEPARTMENTAL EVENTS

A three-day Soft Skills Training Programme was organized for II B.Tech students from 9-11 March 2026 in association with TASK. The sessions, led by Mr. Thomas, focused on communication, personality development, teamwork, leadership, and interview skills through interactive activities and practical exercises. The programme aimed to enhance students' confidence, employability, and workplace readiness.



The training emphasized confidence building, effective communication, professional etiquette, and career preparedness, enabling students to adapt to industry expectations and workplace culture. The management and Principal Dr. T. Anil Kumar encouraged students to continuously develop their soft skills alongside technical knowledge, highlighting their importance in achieving long-term career success and professional excellence.

DEPARTMENTAL EVENTS

The Department organized a seminar on "Spatial Computing and Emerging Technologies" featuring Mr. Mallesh Dasari, Assistant Professor at Northeastern University, USA, and Head of the Spatial Intelligence Research Group. The session provided valuable insights into Spatial Computing, Artificial Intelligence (AI), Augmented Reality (AR), and Virtual Reality (VR), highlighting their transformative impact across industries such as healthcare, education, manufacturing, smart cities, and autonomous systems. The expert also discussed emerging research trends, career opportunities, and the growing importance of immersive technologies in shaping the future of digital innovation. The seminar inspired students to explore advanced technologies and reinforced JITS' commitment to fostering innovation, research excellence, and industry-oriented learning.



DEPARTMENTAL EVENTS

The Department of CSE(AI&ML), organized a Five-Day Faculty Development Programme (FDP) on “UI Design with Flutter” from 16-20 June 2026 at the Centre of Excellence (COE) in Emerging Technologies Lab. The programme was conducted by G. Pranavi, Assistant Professor, CSE (AI&ML), with Dr. R. Jegadeesan, Professor, as coordinator, and was attended by 12 faculty members. The FDP provided hands-on exposure to Flutter and Dart, responsive UI design, API and database integration, Firebase services, state management, and application deployment. The programme aimed to enhance faculty expertise in cross-platform application development and promote industry-oriented teaching and innovative learning practices.



A Five-Day Faculty Development Programme (FDP) on “Quantum Technologies for Secure Communications” was organized by the Department of Computer Science and Engineering, Jyothishmathi Institute of Technology and Science, from 19-23 May 2026 at the Centre of Excellence (COE) in Emerging Technologies Lab. The programme provided faculty members with knowledge and hands-on exposure to Quantum Computing, Quantum Cryptography, Quantum Key Distribution (QKD), Post-Quantum Cryptography, Quantum Algorithms, and Quantum Networking. The FDP also addressed the role of quantum technologies in cybersecurity and secure communication systems, with practical sessions using quantum computing platforms and simulation tools. The programme aimed to strengthen faculty expertise and promote the integration of emerging quantum technologies into teaching, research, and industry-oriented learning.



COLLEGE LEVEL EVENTS

The Grassroots Innovation Initiative was successfully conducted in Velichara and Parlapalli villages, engaging more than 140 villagers to identify innovative local practices and address real-world community challenges. Organized by the Jyothismathi College Innovation Cell under the guidance of Dr. N. Venkateswaran, with the support of 10 Innovation Interns and the Telangana Innovation Cell (TGIC), the programme encouraged active community participation and knowledge sharing.



The initiative provided students with valuable field exposure while promoting innovation at the grassroots level. It strengthened collaboration between academia and rural communities, encouraging sustainable, need-based solutions to local problems. The programme reflected JITS' commitment to nurturing social innovation, experiential learning, and community-driven technological development.

COLLEGE LEVEL EVENTS

Jyothishmathi Institute of Technology and Science (JITS - Autonomous) celebrated the 77th Republic Day with great patriotism and enthusiasm. The celebrations commenced with the national flag hoisting by Chairman Sri J. Sagar Rao garu, followed by the singing of the national anthem. Addressing the gathering, the Chairman and Principals emphasized the significance of the Constitution, national unity, integrity, and the role of youth in nation-building. Students, faculty, and staff participated enthusiastically in the celebrations, reaffirming their commitment to the values of democracy, discipline, and social responsibility. The event concluded with an impressive NCC march past, showcasing discipline, teamwork, and patriotic spirit, making the celebration a memorable tribute to the nation's democratic ideals.



Jyothishmathi Institute of Technology and Science proudly hosted the 10-day NCC Combined Annual Training Camp-II (CATC-II) from 3-12 June 2026, bringing together around 420 NCC cadets and 180 participants for the prestigious Inter Group Sports Shooting Competition (IGSSC). The camp provided an excellent platform for cadets to strengthen their physical fitness, military skills, and leadership qualities through a well-structured training programme.

The camp included drill sessions, firing practice, obstacle training, sports competitions, leadership activities, cultural events, and community service programmes. Under the guidance of senior NCC officers and instructors, cadets received hands-on weapon training and developed discipline, teamwork, self-confidence, and a strong sense of national service. The successful conduct of the camp reflected JITS' commitment to promoting leadership, character building, and holistic development among students through the National Cadet Corps.

COLLEGE LEVEL EVENTS



COLLEGE LEVEL EVENTS

International Yoga Day with the theme "Unite Your Body, Mind and Soul Through Yoga." The programme was conducted by Sri Mutyala Ramesh from Patanjali Yoga Samithi, Karimnagar, who demonstrated various yoga postures, breathing techniques, and meditation practices while highlighting the importance of yoga in maintaining physical health, mental well-being, and emotional balance.



The program highlighted the importance of incorporating yoga into daily life to improve flexibility, strengthen immunity, reduce stress, enhance concentration, and promote a healthy lifestyle. Students, faculty, and staff enthusiastically participated in the session, recognizing yoga as a powerful practice for maintaining harmony between the body and mind. The event reinforced the institute's commitment to fostering holistic development, self-discipline, and wellness among its academic community.

INNOFEST

The Annual Intercollegiate Sports Meet - Sports Fiesta 2026 was inaugurated on 6 February 2026, marking the beginning of a week-long celebration of sports, fitness, and healthy competition. The event was inaugurated by Dr. T. Anil Kumar, Dr. V. Raj Kumar, and Dr. P. K. Vaishali, who motivated students to uphold the values of sportsmanship, teamwork, discipline, and perseverance while striving for excellence both on and off the field. Held from 6-12 February 2026, the sports meet featured a wide range of events, including cricket, volleyball, throw ball, table tennis, chess, and carroms, attracting enthusiastic participation from students of various institutions.



INNOFEST

TechXplore 2026, the annual intercollegiate technical festival, was inaugurated on 12 February 2026 by Prof. A. Krishnaiah, Dean, Faculty of Engineering, Osmania University. The festival brought together talented students from various institutions to showcase their technical knowledge, creativity, and innovative ideas through a series of competitive events. The festival featured a diverse range of competitions, including Project Expo, Paper Presentation, Code-O-Quick, Robo Explore, Circuit Design, Poster Presentation, and Technical Quiz, with around 300 participating teams.



UTSAV-2026, the annual day celebrations, were held in the presence of Prof. T. Kishen Kumar Reddy, vice-chancellor, JNTU Hyderabad, along with distinguished guests Prof. P. Satish Kumar and Prof. R. B. V. Subrahmanyam. Addressing the gathering, the dignitaries inspired students to strive for academic excellence, embrace innovation, and contribute meaningfully to society through knowledge and research. The celebrations featured the presentation of the Annual Report, highlighting the institution's academic, research, placement, sports, and extracurricular achievements during the year.



STUDENTS ACHEIVEMENTS

We proudly congratulate Mohammed Afzaluddin, IV B.Tech CSE, for representing JNTU Hyderabad in the AIU South-East Zone Inter-University Football Championship (Men) 2025-26, held at Woxsen University, Hyderabad, from 5-11 January 2026. His dedication, discipline, and outstanding sportsmanship have brought great pride to the institution. We wish him continued success in all his future endeavors, both on and off the field.

Students of JITS - Autonomous earned international recognition by participating in the Global Innovation Summit & Retreat 2026 held in Dubai, UAE. Ajith Shanagonda, Mohammed Shoaib Affan, and Akshith Shanagonda reached the finals with Project DD, a surplus food management platform designed to reduce food wastage through a credit-based redistribution system.



Students secured First Prize at the prestigious CBIT Hackathon - SUDHEE 2026, held on 14 February 2026, showcasing exceptional innovation, teamwork, and technical expertise. Competing against more than 200 registered teams, the team successfully advanced through multiple evaluation rounds and emerged as the overall champions with their innovative project, earning a cash prize of ₹12,000.



STUDENTS ACHIEVEMENTS

Students Shaik Zohaib Ur Rahman (23271A6658) and Panuganti Varshini (23271A6655) secured First Prize at the prestigious SAP Code Unnati Innovation Marathon, held in Hyderabad on 13 March 2026. Competing among the top 30 finalist teams from across the country, they impressed the jury with their innovative project, "Smart Solar Umbrella," which demonstrated creativity, technical expertise, and a practical approach to addressing real-world challenges.



The Innovation Marathon provided a platform for young innovators to showcase technology-driven solutions with social and environmental impact. The team's outstanding performance reflects the institution's emphasis on innovation, research, and experiential learning while fostering entrepreneurial thinking and problem-solving skills. Their achievement brought laurels to the institution and earned appreciation from the management for their remarkable accomplishment.

STUDENTS ACHIEVEMENTS

Shaik Zohaib Ur Rahman (23271A6658) and Panuganti Varshini (23271A6655), Final Year B.Tech CSE (AI & ML) students, secured First Prize at Winnovx Hackathon-2026, held on 12-13 June 2026 at Stanley College of Engineering and Technology for Women, Hyderabad. Their innovative project, "Smart Solar Umbrella," emerged as the winner among 72 participating teams, earning a cash prize of ₹50,000.



The hackathon provided a platform for students to demonstrate their creativity, technical expertise, and problem-solving abilities by developing innovative solutions to real-world challenges. Their outstanding performance reflects the institution's strong emphasis on research, innovation, and experiential learning while encouraging students to excel in national-level competitions. This remarkable achievement brings pride to the institution and serves as an inspiration for aspiring innovators and future entrepreneurs.

STUDENT INTERNSHIPS

H.T.NO	NAME OF THE STUDENT	NAME OF THE COMPANY	START DATE	END DATE
23271A66D9	Rohit Gayal	Virtual Internship Program – Servicenow	16/4/2026	19/5/2026
23271A66F3	Samala Sravanthi	Microsoft	16/2/2026	3/12/2026
23271A66F4	Sanuvala Sreeja	Service Now Administration - Fundamentals On Demand Course	29/4/2026	29/5/2026
23271A66F5	Jynapuram Srimuka	Data Analytics	28/5/2026	28/5/2026
23271A6643	Akula Sravani	Alfido Tech	14/6/2026	17/7/2026
23271A6601	G.Abhilash	Cognifyz It Solutions	25/6/2026	25/7/2026
23271A6602	Vengalapuram Abhishek	Yuva Intern	4/6/2026	16/7/2026
23271A6603	Afra Nibras	Codec Technologies	25/6/2026	25/7/2026
23271A6605	Adla Akanksha	Codsoft To Internship Program	5/6/2026	5/7/2026
23271A6607	Thimmapuram Akhila	Future Interns	12/6/2026	12/7/2026

STUDENT INTERNSHIPS

23271A6612	Ashmith Mekala	Pinnacle Labs	15/6/2026	15/7/2026
23271A6618	Bachu Hasini	Codsoft Internship Program	5/6/2026	5/7/2026
23271A6620	Kandi Soumya	Alfido Tech	10/6/2026	10/7/2026
23271A6620	Kandi Soumya	Alfido Tech	10/6/2026	10/7/2026
23271A6621	Lahari Vanga	Codsoft Internship Program	7/6/2026	11/7/2026
23271A6622	Nalumachu Lahari	Code Alpha	9/6/2026	10/7/2026
23271A6628	Bommideni Navya Shree	Beeskilled	7/6/2026	7/7/2026
23271A6628	Bommideni Navya Shree	Edunet Foundation	12/6/2026	10/7/2026
23271A6629	Edla Nishwak	Codtech It Solutions Private Limited	6/6/2026	4/7/2026
23271A6630	Chinthala Raghuvardhan Reddy	Codetech It Solutions Private Limited	26/6/2026	8/7/2026
23271A6635	Sriramula Sadvika	Future Interns	7/6/2026	7/7/2026

STUDENT INTERNSHIPS

23271A6636	Sahasra Vishnubaktula	Pinnacle Labs	15/6/2026	15/7/2026
23271A6637	D Sai Chaitanya Reddy	Innoknowvex Solutions	4/6/2026	4/7/2026
23271A6638	Kunarapu Sairam	Thiranex	18/6/2026	17/7/2026
23271A6639	Ch.Sathwika	Futureintern	10/6/2026	10/7/2026
23271A6642	P.Soniya	Codec Technologies	3/6/2026	3/7/2026
23271A6642	Soniya Pulisetti	Codec Technologies	3/6/2026	3/7/2026
23271A6643	Akula Sravani	Alfido Tech	14/6/2026	17/7/2026
23271A6645	Ankathi Sri Kavya	Edunet Foundation	12/6/2026	10/7/2026
23271A6646	Anagandula Sriharshini	Code Alpha	10/6/2026	10/6/2026
23271A6646	Sriharshini Anagandula	Code Alpha	10/6/2026	10/7/2026
23271A6647	Kadari Srija	Alfido Tech	10/6/2026	10/7/2026

STUDENT INTERNSHIPS

23271A6648	Myadagoni Sriman	Beeskilled	6/6/2026	18/7/2026
23271A6657	Yogitha Potla	Alfido Tech	10/6/2026	10/7/2026
23271A6661	Pittala Ajay Kumar	Codealpha	20/6/2026	20/7/2026
23271A6663	Gundu Akshaya	Thiranex	10/6/2026	9/7/2026
23271A6686	Kadava Manasa	Servicenow University	22/6/2026	22/7/2026
23271A6698	Uppu Shruthi	Yuvaintern	4/6/2026	9/7/2026
23271A6699	Vattimalla Sindhu	Edunet Foundation	12/6/2026	10/7/2026
23271A66A0	Ponnam Sohan	Codealpha	20/6/2026	20/7/2026
23271A66A0	Ponnam Sohan	Codealpha	20/6/2026	20/7/2026
23271A66A3	Ponnam Sriharshini	Edunet Foundation	12/6/2026	10/7/2026
23271A66A4	G.Srinitha	Deloitte	20/7/2026	20/7/2026

STUDENT PUBLICATIONS

Name of the Student & Semester	Name of the Publisher	Name of the Journal/ Conference, etc.	Volume No. & Issue No.
Nikhil Kumar Rajak, Syed Mustafa Ayaan Ali, Ragi Sai Saketh, Ranjith Reddy (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
B. Rishika, E. Shivani, Mohammed Nawaz Uddin, K. Aakash (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
I. Laxmi Prasanna, Preethi Yadav, K. Akhil Vardhan, B. Sheshanth (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
A. Sanjana ² , K. Nandini ³ , E. Nishanth ⁴ , P. Saivignesh ⁵ (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
B. Akshitha ² , S. Meghana ³ , D. Ajay ⁴ , P. Ranjith Kumar ⁵ (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
A. BHAVANI, M. CHARANYA, MD. ADNAN KHAN, K. RUTHWIK (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
Merugu Manish Kumar, Jagannatham Krishnahitha, Bollaram Shiva, Anasuri Sriya (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
Saniya Afzali, Shanthi Kumar Dasari, Mahalaxmi Aourneni, Akshay Bollu, Vinil Garrepelli (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
S. Sagaram Ganesh, Goudoju Ajaykumar, Gundeti Vaishnavi, Chidrala Vyshnavi (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
M.SURAJ, G.VAISHNAVI, V.RAMANJALI, N.VAMSHI CHARY (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129

STUDENT PUBLICATIONS

Katta. Vivek, Eruguralla. Satish Babu, Madha. Vaishnavi, Vadluri. Srivalli, Nagula. Rahul (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
G.SHASHWITHA, K.SAI PREETHAM , M.SAMYUKTHA ,MD RAIYAN ALI (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
N. Nagaraju, P. Meghana, B.Sowmya, G. Charvaka (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
B. Muktheeshwar, K.Rasagnya, D.Niharika, N.Harshith (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
S. Sri Ram Bharadwaj, Bharat, G. Veerendra Nath, G. Hariharan (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
A.SAIPRIYA, Y.SHAMANTH, K,SAMYUKTHA, B.VAMSHI (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
G.SRIKANTH, V,Vyshali, CH. Srilekha, K.Nikhitha, K.Vishnuvardhan, Bharath vinod kumar (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
Vennela.D, Srichaitanya.D, Shivaraj.s, Shiva Jetti (IV-II)	IJEDR (Independent Journal Publication / IJEDR Organization)	International Journal of Engineering Development and Research(IJEDR)	Volume 14, Issue 1, March 2026 2321-9939
M. Nikhitha, B. Keerthana, B.Harish, V.Saketh (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
Adukkadan Neeha Krishna1, Chindam Shirisha3, Kaki Mallikarjun Lohith Reddy4, Gorla Rakesh (IV-II)	IJEDR (Independent Journal Publication / IJEDR Organization)	International Journal of Engineering Development and Research(IJEDR)	Volume 14, Issue 1, March 2026 2321-9939
Anumalla Varshini2, Sravanapelly Arun Babu3, Udham Sundeep4, Vangala Madhuri5 (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129

STUDENT PUBLICATIONS

Ramidi Rashmitha ¹ , Adepu Abhignya ² , Mamindla Premkrishna ³ , Nalla Tharan ⁴ , (IV-II)	IJEDR (Independent Journal Publication / IJEDR Organization)	International Journal of Engineering Development and Research(IJEDR)	Volume 14, Issue 1, March 2026 2321-9939
Anaveni Shiva Teja, 3Anugandula Abhinav, 4Katta Prem Kumar, 5Pulkam Sai Rakesh (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
U. Poojitha,M.Raghavendra, K. Meghana, MD. Samiudin (IV-II)	IJEDR (Independent Journal Publication / IJEDR Organization)	International Journal of Engineering Development and Research(IJEDR)	Volume 14, Issue 1, March 2026 2321-9939
Sahithya Sirikonda ¹ , Akshitha Putta ² , Saiteja Gurrala ³ , Varshith Kumar Boddu ⁴ (IV-II)	IJEDR (Independent Journal Publication / IJEDR Organization)	International Journal of Engineering Development and Research(IJEDR)	Volume 14, Issue 1, March 2026 2321-9939
K.Saakshith, Ch.Sreenikitha, Ch. Aravind, V.Vedasree (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
Gandla Subhash , Shashidhar, Pranay Reddy, Anumalla Sujal (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
Uday Tunguturi ² , Abhishek Reddy Kalvala ³ , Sandeep Reddy Adama ⁴ , Sravan Myaka ⁵ (IV-II)	IJEDR (Independent Journal Publication / IJEDR Organization)	International Journal of Engineering Development and Research(IJEDR)	Volume 14, Issue 1, March 2026 2321-9939
K.Anjana, G. Karan, S. Manikanta, V. Adarsh (IV-II)	IJEDR (Independent Journal Publication / IJEDR Organization)	International Journal of Engineering Development and Research(IJEDR)	Volume 14, Issue 1, March 2026 2321-9939
Chindam Vivek, 2Kontham Shiva, 3Bodugam Vishnu, 4Sura Vigneshwar, 5Rangu Rohan (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
K.Hariprasad, D.Pravallika, Ch. Bhavani,H. Shivanath, K.vamshi (IV-II)	EdTech Publishers Private Limited	International Scientific Journal of Engineering and Management (ISJEM)	Volume: 05 Issue: 03 March – 2026 2583-6129
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K.Srinidhi, K.Srija, B.Kalyan kumar, M. Harsha vardan (IV-II)	IJEDR (Independent Journal Publication / IJEDR Organization)	International Journal of Engineering Development and Research(IJEDR)	Volume 8, Issue 3 (May-June)-2026 2582-4201

Agentic AI is an advanced form of AI that can reason, plan, use tools, and execute tasks with minimal human intervention. Unlike traditional Generative AI, AI agents can break complex goals into smaller tasks and follow a perceive-reason-act-observe cycle. They can interact with APIs, databases, software tools, and external knowledge sources to complete multi-step tasks. Agentic AI is gaining importance in areas such as autonomous decision-making, education, healthcare, software development, and smart agriculture.



Spiking Neural Networks (SNNs) are a brain-inspired AI architecture that processes information through discrete spikes rather than continuous numerical values. By incorporating the timing of spikes, SNNs can perform efficient event-driven computation with low power consumption. They are increasingly explored for neuromorphic computing, robotics, pattern recognition, and edge AI applications.



Feedforward Neural Networks (FNNs) are fundamental deep learning models in which information flows in one direction from the input layer through hidden layers to the output layer. They learn patterns by adjusting weights during training using backpropagation and optimization algorithms. FNNs are widely used for classification, regression, pattern recognition, and prediction tasks.



Neuro-Symbolic AI combines neural networks with symbolic reasoning to achieve both pattern recognition and logical decision-making. Neural models learn from complex data such as images, text, and sensor signals, while symbolic methods represent knowledge through rules, logic, and relationships. This combination can improve interpretability, reasoning, and reliability compared with purely data-driven models. Neuro-Symbolic AI is being explored in areas such as robotics, healthcare, scientific discovery, knowledge graphs, and intelligent decision-support systems.



As an alumna, I take great pride in being a part of this college and the CSE (AI & ML), which played a defining role in shaping my academic and professional journey. The department provided a strong technical foundation, experienced faculty support, and a motivating learning environment that encouraged curiosity and innovation. From practical labs and projects to seminars and technical events, every opportunity helped me build confidence and real-world skills. The approachable faculty, collaborative culture, and focus on emerging technologies made learning both meaningful and future-oriented. I will always be grateful to the department for nurturing my abilities and preparing me to step into the professional world with clarity, competence, and confidence. The values and discipline I gained here continue to guide me in my career and personal growth.

-HARSHINI



As computer science and engineering (AI & ML) students, we extend our sincere gratitude to our faculty and staff for their constant mentorship, expertise, and encouragement. Their commitment to academic excellence and innovation has been central to our intellectual and professional growth. Through research guidance, technical initiatives, and experiential learning opportunities, they have helped us build strong foundations and future-ready skills. As we move ahead, we carry their values of discipline, creativity, and collaboration with confidence and purpose.

As we conclude this edition, we thank the entire JITS family for fostering a culture of excellence and progress. The dedication of students, faculty, and staff together creates a vibrant and enriched learning community where ideas evolve into achievements and aspirations into success.

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Best regards,

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