



Jan-Jun
2026

IOT TODAY

Latest news and bulletin updates
Technical, Curricular, Co-curricular, Research

Issue#9

DESPORTIVOS'26 LNMIT Jan 30, 2026



Ojas Khetarpal (23FE10CI00003), Prayag Bhardwaj (2428020182), and team, participated in Desportivos'26, an inter-college, 3-day event, basketball tournament hosted by LNMIT, Jaipur, from 30th January to 1st February, promote sportsmanship, and represent Department of IoT & IS, Manipal University Jaipur.

Selection of 7 students, ISRO-SAC



A Proud Milestone for Manipal University Jaipur! Seven students from Manipal University Jaipur have been selected for the Long-Term Internship Programme at the Space Applications Centre (SAC), ISRO, Ahmedabad, under the MUJ-ISRO SAC.

MAGNUS '26

March 13-15, 2026

Ojas Khetarpal (23FE10CI00003), Prayag Bhardwaj (2428020182), Vivaan Sharma (2428020126) and team participated in MAGNUS '26 (13th annual inter-college sports festival), in Basketball, organized by O.P.Jindal Global University (JGU) from March 13-15, 2026 at the in Sonapat (main campus), Haryana. Team showcased strong teamwork and competitive performance dynamically to highlight the Dept of IoT & IS.

3rd Prize in OJAS 3.0-March 22, 2026

Ojas Khetarpal (23FE10CI00003) and team won the 3rd prize in Football, OJAS 3.0, annual sports fest at UPES Dehradun from March 18 to March 22, 2026. The event was hosted by UPES Dehradun. This achievement reflects Dept of IoT and IS, MUJ's strong sporting culture and competitive spirit at National stage.



APOGEE'26, BITS Pilani, Apr 10-14, 2026



Anjali and her team won Runner-up position in hackathon at APOGEE 2026, hosted by Birla Institute of Technology and Science, Pilani,

with PLUSS Advanced Technologies as the Technology Partner, Team showed excellent performance, creativity and strong problem-solving approach demonstrated during the event.

Genesis AI Conclave 2026 Infosys Feb

18, 2026



Genesis AI Conclave 2026, organized by the TechCohere Community at Infosys Jaipur Development Center on 18 Feb 2026, an industry-academia conclave

focused on the latest advancements in Artificial Intelligence (AI) and Generative AI (GenAI). The event brought together academicians, researchers, industry experts, and technology professionals to

discuss emerging AI trends, real-world applications, responsible AI practices, and the future of intelligent technologies. By fostering meaningful industry-academia collaboration, Genesis AI Conclave 2026 reinforced the importance of innovation, research excellence, ethical AI adoption, and continuous learning in building a future-ready workforce and advancing sustainable technological development.

Dr Geeta Rani, HoD, IoT & IS was invited as panel expert in discussion with Industry Experts, Infosys Jaipur, Prof. Anil Chaudhary, Swami Keshvanand Institute of Technology, Prof. Sanjay Kumar Sinha, Poornima Institute of Engineering & Technology, Dr. Pooja Gupta, Dept. of Data Science & Engineering, Manipal University Jaipur were distinguished experts invited from academia and industry.

Desk of HoD, IoT & IS



Dear Friends, remember that every challenge is an opportunity to grow. Keep pushing your boundaries and embracing new knowledge. Your dedication is the key to unlocking endless possibilities. Wishing you continued success in all domains.

Dr. Geeta Rani (HoD),
IoT and Intelligent Systems

Editor:

Dr. Hemlata Goyal (Faculty)
Ojas Khetarpal (Student)

THINK NEXT' 26 Jan 30, 2026



THINK NEXT'26 was organized by the School of Computer Science and Engineering-2 in collaboration with the Directorate of Research and E-Cell at Manipal University Jaipur. Conducted from 30th January to 1st February at LHC, under the banner of TechIdeate'26, designed as a structured innovation-to-impact platform aimed at transforming student ideas, research concepts, and ongoing projects into tangible, industry-ready outcomes. The event emphasized research validation, intellectual property development, startup incubation, and academic publication support.

6th International Conference (ICICV-2026)

June 28-29, 2026



The 6th International Conference on Innovations in Computational Intelligence and Computer Vision (ICICV-2026), jointly organized by Department of IoT & Intelligent Systems, Manipal University Jaipur and BINUS University Jakarta, Indonesia during 28-29 June 2026. The conference invited professionals and researchers from industry, and academia to submit original, high-quality, and unpublished research articles. The event focused on research challenges within the

fields of Computational Intelligence and Computer Vision. The main aim of this conference was to strengthen global academic collaboration and advance research excellence in academicians. The selected and presented research articles will be published in SCOPUS indexed Springer book series.

MoU



A significant milestone was marked with the signing of a Memorandum of Understanding (MoU) between Manipal University Jaipur and BINUS University.

This strategic partnership reflects the shared commitment of

both institutions to advancing excellence in education, research, innovation, and global engagement.

The collaboration will focus on joint research and innovation initiatives, faculty and student exchange programs collaborative workshops, seminars, academic activities, cultural exchange, industry-oriented research and innovation, promoting interdisciplinary learning and global best practices. This MoU marks the beginning of a long-term partnership dedicated to creating impactful opportunities for students, researchers, and faculty while strengthening international academic cooperation.

5 Day Workshop on "AI Tools for Smart Office Productivity"

June 22, 2026



Successfully concluded the 5-Day Workshop on "AI Tools for Smart Office Productivity", jointly organised by the Department of IoT & Intelligent Systems, SCSE, Manipal University Jaipur, in collaboration with the HR Department, MUJ, from 22-26 June 2026. The workshop brought together colleagues from various administrative and support departments to explore how modern AI tools can enhance workplace productivity, communication, documentation, reporting, and decision-making. Through engaging hands-on sessions, participants actively learned and experimented with tools such as ChatGPT, GoogleGemini, CanvaAI, and MicrosoftCopilot. Participants also explored NotebookLM, Gamma, discovering practical ways to make everyday office tasks smarter, faster, and more efficient. It was encouraging to witness the enthusiasm, curiosity, and willingness of participants to adopt AI-driven workflows in their daily professional responsibilities.

Jan-Jun
2026

IOT TODAY

Internship & Placement

Issue#9

Glimpse of Internship and Placement

MANIPAL UNIVERSITY
JAIPUR

School of Computer Science
&
Engineering

Congratulates

OJAS KHETARPAL
B.Tech CSE (IoT & IS)
Batch 2023-27

On Getting an Internship at

**BAJAJ
FINSERV**

MANIPAL UNIVERSITY
JAIPUR

School of Computer Science
&
Engineering

Congratulates

PRIYA AGRAWAL
B.Tech CSE (IoT & IS)
Batch 2023-27

On Getting an Internship at

IMPETUS

MANIPAL UNIVERSITY
JAIPUR

School of Computer Science
&
Engineering

Congratulates

ARVIND KRISHNAN
B.Tech CSE (IoT & IS)
Batch 2023-27

On Getting an Internship at

AWC
Passion to excel

MANIPAL UNIVERSITY
JAIPUR

**SCHOOL OF COMPUTER
SCIENCE & ENGINEERING**

Congratulates

KRISHNA GOEL
B.TECH CSE (BATCH 2023-2027)

on getting an internship at

PRDO

MANIPAL UNIVERSITY
JAIPUR

School of Computer Science
&
Engineering

Congratulates

JAI CHADHA
B.Tech CSE (IoT & IS)
Batch 2023-27

On Getting an Internship at

PHILIPS

MANIPAL UNIVERSITY
JAIPUR

School of Computer Science
&
Engineering

Congratulates

DAKSH DEV VASHISHTA
B.Tech CSE (IoT & IS)
Batch 2023-27

On Getting an Internship at

Grant Thornton

MANIPAL UNIVERSITY
JAIPUR

School of Computer Science
&
Engineering

Congratulates

SATVIK AHUJA
B.Tech CSE (IoT & IS)
Batch 2023-27

On Getting an Internship at

PHILIPS

MANIPAL UNIVERSITY
JAIPUR

School of Computer Science
&
Engineering

Congratulates

RIYA GUPTA
B.Tech CSE (IoT & IS)
Batch 2023-27

On Getting an Internship at

accenture

MANIPAL UNIVERSITY
JAIPUR

School of Computer Science
&
Engineering

Congratulates

SHUBHANI JHA
B.Tech CSE (IoT & IS)
Batch 2023-27

On Getting an Internship at

PHILIPS

MANIPAL UNIVERSITY
JAIPUR

School of Computer Science
&
Engineering

Congratulates

JIYA SINGH RAJPUT
B.Tech CSE (IoT & IS)
Batch 2023-27

On Getting an Internship at

Pixcellence



JOURNAL PUBLICATIONS

Madhavi, S. P. Singh, K. Park, S. Prajapat and G. Kumar, "CARBON-Lyapunov: Carbon-Aware Edge-Cloud Collaboration With Lyapunov Optimization for Agricultural Consumer Electronics," in IEEE Transactions on Consumer Electronics, vol. 72, no. 2, pp. 4258-4268, May 2026, doi: 10.1109/TCE.2026.3674982.

Jain, M., Verma, R., Kumar, S. et al. Privacy- preserving network slice classification in 6G using federated CNN-BiLSTM. Discov Artif Intell 6, 480 (2026). <https://doi.org/10.1007/s44163-026-01063-z>

Dua T, Singh N, Kumawat R. Low power and high speed 2:1 multiplexer designs using pass transistor logic. International Journal of Advanced Technology and Engineering Exploration. 2026;13(135):303-318. DOI : 10.19101/IJATEE.2024.111101724

Tyagi, S., Shukla, P., Singh, P. et al. Enhanced content-based image retrieval via hybrid color, texture, and deep learning features. Sci Rep 16, 14888 (2026). <https://doi.org/10.1038/s41598-026-38422-w>

Upadhyay, D., Garg, P. & Babbar, N. Blockchain and IoT based smart contract framework for efficient and secure product life management. Discov Internet Things 6, 25 (2026). <https://doi.org/10.1007/s43926-025-00274-7>

Agrawal, T., Singh, V.K., Maheshwari, L. et al. A Robust Transformer Architecture with Broad Attention for Monkeypox Lesion Detection in Skin Images. Int J Comput Intell Syst 19, 188 (2026). <https://doi.org/10.1007/s44196-026-01166-6>

Kumar, R., Sinwar, D. and Singh, V. (2026), QoS-Driven Path Selection and Route Optimization in 5G C-RAN Architecture Using Nature-Inspired Algorithms. Int J Commun Syst, 39: e70455. <https://doi.org/10.1002/dac.70455>

Singh, S., Dureja, H. & Singh, R. A multilingual smart farming system for real time agricultural decisions using machine learning. Discov Appl Sci 8, 613 (2026). <https://doi.org/10.1007/s42452-026-08597-y>

X. Xu, W. Zhang, G. Kumar, B. Alabdullah, J. Yang and P. L. Yee, "A Lightweight Framework With Pruning and Knowledge Distillation for Ship Detection in SAR Images," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 19, pp. 13220-13233, 2026, doi: 10.1109/JSTARS.2026.3681509

Manavalan, T., Gunasekaran, P., Elumalai, S. et al. Hybrid Monarch Butterfly Optimization-DenseNet framework for energy-aware task scheduling in cloud environments. Sci Rep 16, 18323 (2026). <https://doi.org/10.1038/s41598-026-47949-x>

J. Yang et al., "LLMEdgeSec: LLM-Enabled Log Reasoning for Zero-Day IoT Threat Detection," in IEEE Internet of Things Journal, doi: 10.1109/JIOT.2026.3686053.

S. Kumar, R. Tiwari, S. S. Singh, H. Shakya, G. Kumar and A. K. Bashir, "PPWCS: A Strategy for Enhancing Caching Performance in Content-Centric Networking Enabled Consumer IoT Systems," in IEEE Transactions on Consumer Electronics, doi: 10.1109/TCE.2026.3686622.

Mankodi, A., Shukla, P.K. & Tekchandani, H. KDTViT knowledge distillation, transfer learning and transformer based deep learning framework for efficient histopathology image classification. Sci Rep 16, 20721 (2026). <https://doi.org/10.1038/s41598-026-49792-6>

Tiwari, A., Kishore, J. & Singh, R. Minority class-aware multiclass arrhythmia detection using conditional GAN augmentation. Sci Rep 16, 21565 (2026). <https://doi.org/10.1038/s41598-026-51237-z>

Praveen Kumar Shukla, Dinesh Kumar Saini et al. Diversity-controlled adaptive stochastic learning based particle swarm optimization for multimodal emerging engineering problems, Results in Engineering, Volume 30, 2026,110585,ISSN 2590-1230,<https://doi.org/10.1016/j.rineng.2026.110585>.

CONFERENCE PUBLICATIONS

Tyagi, S., Shukla, P., Tekchandani, H., Singh, P. (2026). Deep Learning and Handcrafted Feature-Based Hybrid Network for Enhanced Content-Based Image Retrieval System. In: Hassanien, A.E., Anand, S., Jaiswal, A., Kumar, P. (eds) Innovative Computing and Communications. Lecture Notes in Networks and Systems, vol 1437. Springer, Singapore. https://doi.org/10.1007/978-981-96-7526-5_5

Chakravarty, H.S., Singh, R. (2026). Machine Learning for Global Wine Quality Standardization and Safety. In: Nanda, S.J., Yadav, R.P., Prasad, M., Saraswat, M. (eds) Data Science and Applications. ICDSA 2025. Lecture Notes in Networks and Systems, vol 1722. Springer, Cham. https://doi.org/10.1007/978-3-032-10756-5_32

Chahar, N.K., Dhaka, A., Nandal, A., Kumar, V. (2026). CycleGAN-Based Adversarial Learning for Enhanced Steganographic Image Detection. In: Roy, S., Rani, G., Dey, N., Zumpano, E. (eds) Innovations in Computational Intelligence and Computer Vision. ICICV 2025. Lecture Notes in Networks and Systems, vol 1699. Springer, Cham. https://doi.org/10.1007/978-3-032-09825-2_39

Kamath, P.A., Sharma, B., Sharma, L. (2026). Intelligent Feature Optimization for Anomaly Detection in IoT-Enabled Smart Urban Networks. In: Patel, K.K., Santosh, K., Gomes de Oliveira, G., Patel, A., Ghosh, A. (eds) Soft Computing and Its Engineering Applications. icSoftComp 2025. Communications in Computer and Information Science, vol 2875. Springer, Cham. https://doi.org/10.1007/978-3-032-22065-3_36

N. Babbar, H. V. Singh, S. Bendale and P. Garg, "Stock Market Price Prediction Using Big Data Analysis: A Performance Evaluation Study," 2025 3rd International Conference on Computational Intelligence and Network Systems (CINS), Dubai, United Arab Emirates, 2025, pp. 1-6, doi: 10.1109/CINS67018.2025.11412101.

U. Choudhary, L. Upreti and S. Singhal, "A LoRa-Based GPS Tracking and Emergency Alert System for Remote Exploration," 2025 International Conference on Modeling, Simulation & Intelligent Computing (MoSiCom), Dubai, United Arab Emirates, 2025, pp. 560-565, doi: 10.1109/MoSiCom67153.2025.11398157.

A. Dalal, V. J. Patibandla, S. Dua, K. Kaushik, R. Kumawat and M. Soni, "Cloud-Enabled Predictive Analytics for Assessing Post-Surgical Complication Risks Using AI Models," 2025 5th International Conference on Internet of Things: Smart Innovation and Usages (IoT-SIU), Dehradun, India, 2025, pp. 1-7, doi: 10.1109/IOT-SIU65919.2025.11402853.

G. G. Battu, V. Jayadeep Patibandla, M. A. Kalam Azad, K. Kaushik, R. Kumawat and M. Soni, "Scalable AutoML Framework for SME Financial Forecasting in Cloud-Based Multi-Tenant Platforms," 2025 IEEE 7th International Conference on Computing, Communication and Automation (ICCCA), Greater Noida, India, 2025, pp. 1-7, doi: 10.1109/ICCCA66364.2025.11325320.

EDITED BOOK

Sinha, A., Patel, A. and Sinwar, D. (2026). Cognitive Security. In Generative Artificial Intelligence for Next-Generation Security Paradigms (eds S.K. Srivastava, D. Srivastava, M.K. Mahto, B.O. Soufiane and P. Kantha). <https://doi.org/10.1002/9781394305698.ch6>