TECH INSIGHT

DEPARTMENT OF INFORMATION TECHNOLOGY
SCHOOL OF INFORMATION TECHNOLOGY

" ... it matters that we drive technology as an equalizing force, as an enabler for everyone around the world..."
Sundar Pichai (CEO , Alphabet Inc.)

INSIDE THIS ISSUE

Chief Editor:
Dr. Pankaj Vyas , HoD , IT
Editor:
Dr. Avani Sharma, Assistant Professor, IT
Student Editors:
Carine, B.Tech IT- 3rd Year
Hardik, B.Tech IT- 3rd Year
Ankit, B.Tech IT- 3rd Year

Welcome Message,

The Department of Information Technology at Manipal University Jaipur invites you to navigate the inaugural edition of our newsletter, your gateway to the captivating future of IT.

Our story began in 2012, with a vision - to bridge the chasm between academics and industry. We didn't just build a department; we crafted an ecosystem brimming with state-of-the-art labs pulsating with the latest tech, seasoned faculty who guide you with expertise and infectious passion, and a curriculum that's as dynamic as the industry it embraces.

Here, you'll delve into the depths of code, from basic languages to the intricate dance of networks and the dazzling constellations of cloud computing. We don't simply teach – we ignite curiosity, spark innovation, and fuel your research drive.

Dr. Sumit Srivastava, Director, School of IT, MUJ

Think beyond theoretical frameworks- our world class industry ties open doors to real-world challenges and opportunities. Through Value-Added Courses, MOOCs, Workshops, and Industrial Visits, you'll test your mettle, hone your skills, and network with the pioneers shaping the digital landscape.

Our mission is your success. We support, guide, and empower you every step of the way as you craft your unique code in the symphony of the digital revolution. This isn't just a department; it's a launchpad, a community, and your home in the heart of the IT revolution. Join us, innovators, dreamers, and builders – let's rewrite the very definition of an IT professional, together.

Welcome to the Department of Information Technology at Manipal University Jaipur. Welcome to your future.

Dr. Pankaj Vyas, HOD, Department of IT

Department of IT

The Department of IT was established at Manipal University Jaipur in 2012 with a goal to fulfil the gap between industry and academics by providing students with one of the best and updated curriculum ensuring the seamless disseminate of technical practices among students. Our department caters the needs of IT market across the globe by providing in-depth technical knowledge and opportunities for innovation and research with state-of-the-art computer facilities to students. The department offers one of the most panoramic curriculums ranging from basic technical language learning to advanced subjects associated with machine learning, cloud computing, networking, image processing android programming, IOT, etc. The course curriculum is devised keeping in mind the needs of IT sector. Also, the department of IT strives for stronger partnerships with industries in Computer Networking, Data Mining, Big Data Analytics, Computer Vision, Cloud Computing, Security, etc. The Department of IT has long-term associations with research communities like IEEE, CSI, ACM, NVIDIA.

Vision and Mission

Vision

To achieve global excellence in higher education, research and human development by adapting innovations in IT domain.

Mission

- M1. To become the most inspirational department among the students and engineering aspirants who want to pursue their career in the field of Information Technology.
- M2. To foster academic, research, and professional excellence within the domain of Information Technology.
- M3. To transform young minds into competent IT professionals imbibing strong moral values.

Program Educational Objectives (PEO's)

- To Imbibe the inquisitive practices in students to have thrust for innovation and excellence that leads to use research-based knowledge and research methods.
- To foster world-leading technological innovation to support teaching and learning, research and outreach.
- To support the students to acquire various knowledges and skills and nurture constructive attitude and behaviour.
- Promoting the development of resilience, determination, confidence, and creative and critical thinking among students.
- To support students to ensemble easily in integrated environment of learning and pragmatic implementation of concepts.

Faculties of Department of IT

Dr. Anju Yadav	Dr. Nirmal Kumar Gupta	Ms. Shikha Chaudhary
Mr. Ankit Mundra	Dr. Nripendra Narayan Das	Ms. Smaranika Mohapatra
Mr. Anurag Bhatnagar	Dr. Narendra Singh Yadav	Mr. Venkatesh Gauri Shankar
Dr. Ashish Jain	Dr. Pankaj Vyas	Dr. Veena Khandelwal
Dr. Avani Sharma	Dr. Prakash Chandra Sharma	Ms. Vineeta Soni
Mr. Bagesh Kumar	Dr. Pratistha Mathur	Mr. Virendra Dehru
Mr. Chandrapal Singh Dangi	Mr. Rahul Saxena	Dr. Vivek Kumar Verma
Dr. Debolina Ghosh	Mr. Ravinder Kumar	Mr. Vijay Prakash Sharma
Dr. Devesh Kumar Srivastava	Mr. Rohit Kumar Gupta	Mr.Suman Saurabh Sarkar
Mr. Dhananjay Kumar Singh	Ms. Rashmi Bartwal	Ms. Varsha Himthani
Dr. Ganpat Singh Chauhan	Dr. Saurabh Mishra	Dr. Krati Dubey
Mr. Himanshu Gauttam	Dr. Sulabh Bansal	Dr. Lokesh Sharma
Dr. Kavita	Dr. Sumit Srivastava	Ms. Nandani Sharma
Mr. Krishna Kumar	Dr. Sumit Dhariwal	Dr. Shalini Puri
	Dr. Shally Vats	Dr. Shweta Sharma

Faculty Achievements

- Dr. Pratistha Mathur received the **Best Faculty Award** by The Institution of Technical and Scientific Research, Rajasthan State Center, Jaipur
- Ms. Smaranika Mohapatra received the **Best Teacher Award** by The Institution of Technical and Scientific Research, Rajasthan State Center, Jaipur
- Mr. Rohit Gupta, IEEE senior member

SSIC 2023

The Department of IT has organized the third series of International Conference-SSIC 2023 from 26th to 27th October, 2023. Smart Systems, Innovation, and Computing (SSIC) is an international forum for researchers, engineers, academicians as well as industrial professionals from all over the world to share and publicize their research work and development activities in the field of, Smart Systems, Innovations in Commuting.

This highly anticipated event brings together researchers, industry professionals, academics, and AI enthusiasts to discuss and showcase innovative technologies and cutting-edge solutions in the realm of smart systems.

FACULTY DEVELOPMENT PROGRAM

1. Responsive Artificial Intelligence (Dec 11-15, 2023)

2. Health and Wellness Talk (August 22-24. 2023)

Students Achievements

- School of IT has started Student Excellence Award intended to honor for various categories in academics, leadership, and service to their community (Awards won)/ undergraduate researcher, achievement. Student's nomination form circulated by Director, SCSE every last week of the month. 63 students of Dept of IT have been awarded by this Dean Excellence Award
- Ankit Gupta : 3rd place in hackathon competition held at MNIT Jaipur from sept 7-8 2023
- Tanmay Tripathi: Research paper Accepted and in press in IEEE ANTS 2023
- Karma Soni : * 2nd Prize in ACM Mini Hacks 3.0
              * 1st Prize in IEEE Hacker

Publications of IT Department :

Journal Publications : 25

Student Journal Publications : 15

Conference Publications : 15

Student Conference Publications : 8

Book Chapter Publications : 16

Student Book Chapter Publications : 6

Academic MoUs

An academic MoU establishes a formal partnership between two or more academic institutions for the purpose of collaboration in research, education, training, or other areas of mutual interest. An academic MoU can also facilitate the exchange of faculty, students, information, and resources between the partner institutions. For more details, you may contact Dept. of IT.
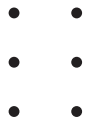
A few MoU's between MUJ and Other institutions (active) are as follows:

- Deakin University, Austrelia
- IOWA State University of Science & Technology, USA
- Celebal Technologies

CLUB EVENTS

Energetic Self Care

- Held on 22 August 2023
- For the wellbeing and mental health of students.
- Conducted by Sheetal Jhunjhunwala, a certified Pranic Healer.

- Held on 16 September 2023
- For motivating college students on self development
- Conducted by Colonel Rajeev Bharwan who had been featured on renowned podcasts like The Ranveer's Show (TRS)

Talk Show With Col. Rageev

Alumni Talk

- Held on 5th October 2023
- For getting students know about the future after college and get an insight about placements and work life after it.
- Conducter by Siddharth-MUJ 2018 and Ashish-MUJ 2020