



NEWSLETTER

"EduJunction"

JAN - MAR '25

VOLUME 2 ISSUE 1

DEPARTMENT OF DATA SCIENCE AND ENGINEERING



"Information is the oil of the 21st century, and analytics is the combustion Engine"

Peter Sondergaard
(Senior Vice President and the
Global Head of Research at Gartner
Inc)

HIGHLIGHTS

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Welcome to the third edition of "EduJunction," the official newsletter of the Department of Data Science and Engineering (DSE), School of Information, Security, and Data Science (SISDS), MUJ. This edition highlights the latest achievements, events, and innovations from our faculty and students. Established in 2021 under the School of IT, the DSE department was created to meet the growing demands and trends of the tech industry. We are committed to advancing the frontiers of Data Science, Artificial Intelligence, and Machine Learning through research, education, outreach, and collaboration. With a diverse team of experts, vibrant academic programs, exciting internships, and competitive opportunities, we provide a dynamic environment for both undergraduate and postgraduate students.



DR. AKHILESH KUMAR SHARMA
HEAD OF DEPARTMENT, DSE

Data Science is an interdisciplinary field that combines tools and methods from applied statistics, mathematics, and computer science to analyze large volumes of data, providing deeper insights and enabling smarter, data-driven decisions across various domains. The DSE program curriculum is carefully designed to equip students with strong foundations in these areas, emphasizing both theoretical knowledge and practical skills. It ensures hands-on learning through labs and real-world applications using cutting-edge technologies. I extend my heartfelt congratulations and best wishes to every stakeholder of the Department of DSE and the entire editorial team on the successful launch of their first newsletter, "EduJunction."

INTRODUCTION

B.Tech Computer Science and Engineering (Data Science) trains engineering graduates to be skilled data scientists. The emphasis is on core data science subjects along with the related computational mathematics, statistics, and computer science subjects.

The program introduces students to the various application domains like finance, business, and healthcare wherein data science can be used to make informed decisions.

The course is a multi-campus model and promotes one-semester mandatory student mobility in 4/5/6th semester, between the MAHE Manipal, Manipal University Jaipur, and Sikkim Manipal Institute of Technology campuses. It is an eight-semester programme that helps software and IT professionals build the skillset required to advance their careers as Data Analysts, Data Engineers, Data Architects, and Data Scientists, among other roles. The programme covers fundamental to advanced skill and knowledge areas.

Data science is the field in which various tools and methods from the fields of applied statistics, mathematics, and computer science are applied in order to gain greater insight and to make better and more informed decisions for a variety of purposes by analyzing a large amount of data.

VISION

To prepare the next generation of practitioners and researchers with human values and ethics to thrive in a data-centric world.

MISSION

- To establish the department as the epitome of motivation and guidance among aspiring engineers.
- To nurture academic, research, and professional excellence in the domain of Data Science and engineering.
- To transform young learners into competent data engineers by inculcating holistic values

ACADEMIC PROGRAMS

- B.Tech Computer Science and Engineering
- (Data Science)
- M.Tech (Data Science)
- Ph.D

FACULTIES

Prof. (Dr.) Akhilesh Kumar Sharma
Dr. Sukhwinder Sharma
Dr. Dinesh Sharma
Dr. Aprna Tripathi
Dr. Rekha Chaturvedi
Dr. Chirag Joshi
Dr. Anju Susan George
Dr. Sudhir Sharma
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Dr. Shweta Redkar
Ms. Shatabdi Basu
Dr. Malvinder Singh Bali
Ms. Meenakshi Gaur

Dr. Srikanta Pradhan
Dr. Ashish Pandey
Dr. Neeraj Kumar Verma
Mr. Ram Kumar Yadav



EXPERT INTERACTION



The Dept. of Data Science and Engineering, Manipal University Jaipur was thrilled to host Dr. Ramakrishna M from MAHE, Manipal. He shared insights on current trends in Data Science and engaged with students on collaborative opportunities. A heartfelt thank-you to Dr. Ramakrishna for this inspiring session!

TEAM HAXS SHINES AT TATA INNOVENT'24

Date: 22 January 2025

Team HaxS (Aashi Sharma, Amey Darokar, Kaustubh Ghale, Prakhar Bhadauria, Siddharth Panditrao) from MUJ received the "Jury's Choice - Special Recognition Award" at Tata InnoVent'24, selected from 9,389 participants across 267 colleges!



JOURNEY HIGHLIGHTS:

✓ TOP 30 FROM 2,516 PROJECTS

✓ TOP 10 FINALISTS

🏆 FINAL RECOGNITION: SPECIAL JURY AWARD

MAD PROPS TO THE TEAM FOR THEIR HUSTLE AND BRILLIANCE, AND THANKS TO TATA TECHNOLOGIES FOR HOSTING SUCH A STELLAR PLATFORM.

STARTUP WEEKEND JAIPUR VICTORY



Aditya Kumar Guru, a student of DSE, MUJ, bagged "1st prize" worth ₹50,000 at Startup Weekend Jaipur for showcasing innovation, teamwork, and entrepreneurial spirit. Huge congratulations!

TATA TECHNOLOGIES INNOVENT 2024 JURY AWARD



Kaustubh Ghale (VI Semester), from the Department of Data Science and Engineering, received the Jury's Choice—Special Recognition Award at Tata Technologies InnoVent 2024, held on 22 January 2025 in Pune, Maharashtra, for his project "Product Defect Detection in Manufacturing (Car Defects Detection using GenAI)", selected from among 2500+ teams across India.

JURY RECOGNITION AT TATA INNOVENT 2024

Aashi Sharma (VI Semester), from the Department of Data Science and Engineering, presented her project at the Tata InnoVent 2024 Hackathon held on 22 January 2025.

Her team was selected among the top 10 out of 2,516 innovations, involving 9,389 innovators from 267 colleges, and received the Special Jury Recognition Award at the event.



SPECIAL JURY RECOGNITION AT TATA INNOVENT 2024

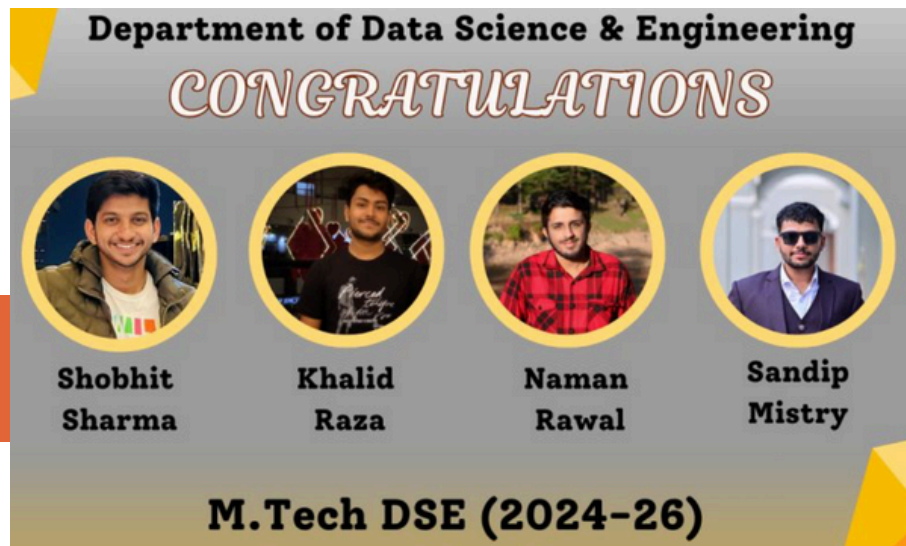


Team HaxS(Aashi Sharma, Amey Darokar, Kaustubh Ghale, Prakhar Bhadauria, Siddharth Panditrao) from Manipal University Jaipur has been honored with the "Jury's Choice—Special Recognition Award" at Tata InnoVent'24.

His team was selected among the top 10 out of 2,516 innovations, with 9,389 innovators from 267 colleges, and received the Special Jury Recognition Award at the event.



INTERNS AT INSOLARE ENERGY LTD



Kudos to the M.Tech students of the Department of Data Science & Engineering, Manipal University Jaipur, for securing internships at Insolare Energy Ltd. The department takes immense pride in the achievements of Shobhit Sharma, Khalid Raza, Naman Rawal, and Sandip Mistry. We extend our heartfelt congratulations and bestow upon them our utmost well wishes for their forthcoming endeavours.

PLACED AT AMAZON

Bhavik Jain (B.Tech, Batch 2021-25) from the Department of Data Science & Engineering has secured a Pre-Placement Offer at Amazon with an impressive package of 32 LPA. This remarkable achievement reflects his exceptional talent and hard work. The department extends its heartfelt congratulations and wishes him continued success in his professional journey.



ACADEMIC/INDUSTRIAL MOU

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.

- KING MONGKUT'S UNIVERSITY OF TECHNOLOGY NORTH BANGKOK, BANGKOK, THAILAND
- PRINCE SULTAN UNIVERSITY, RIYADH, SAUDIARABIA
- LYZR.AI
- ALTAIR PVT. LTD.
- CELEBAL TECHNOLOGIES PRIVATE LIMITED, JAIPUR
- LA TROBE UNIVERSITY, VICTORIA, AUSTRALIA

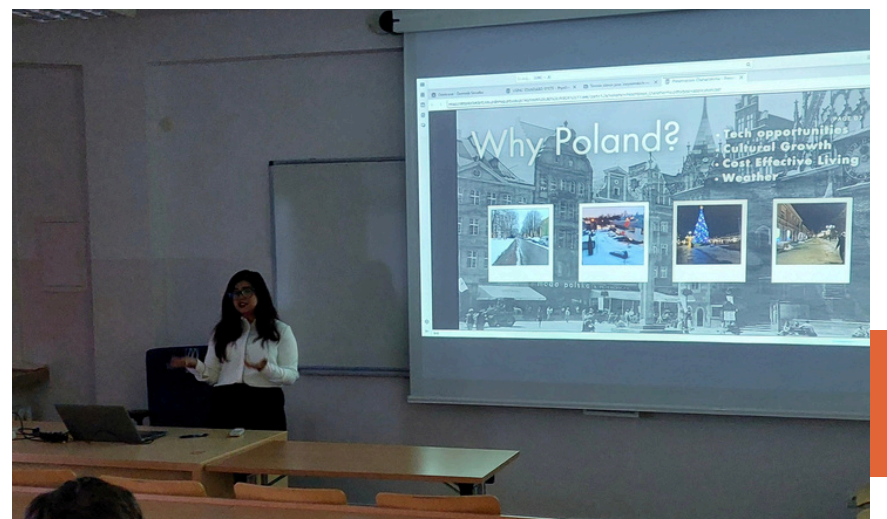


FACULTY EXCELLENCE RECOGNITION

Our faculty member, **Mr. Gaurav Kumawat** from the department was honored at the 3rd District Level Award Ceremony for outstanding contribution to academics and research. Special thanks to Dr. Hemant Dhabhai, Director of Aravali Institute of Technical Studies, for supporting educational excellence.

GLOBAL INTERNSHIP ACHIEVEMENT

Chahat Verma, a student from the VI semester, completed a 2-month internship in Poland from January to March as a Python Developer. During her internship, she focused on self-similarity in time series data and Hurst parameter analysis, gaining valuable experience in the field of data science.



KAGGLETHON SUCCESS AT MUJ



Chintakrindi Kumar Kartik (IV Semester), from the Department of Data Science and Engineering, secured 3rd position in Kagglethon, part of ACM's Elicit event held at Manipal University Jaipur.



MANIPAL UNIVERSITY
JAIPUR



FACULTY LEADERSHIP PROGRAM

Dr. Pooja Gupta got the opportunity to get selected for "The Women in Space and Allied Sciences Leadership Programme (WiSLP)" organized by WISE-KIRAN Division, DST in Collaboration with British Council under the UK-INDIA, Education and Research Initiative at IIT Indore from February 18th-21st 2025.

EXPERT LECTURE


The Department of Data Science and Engineering at Manipal University Jaipur organized an expert lecture titled "The Technology Behind LLMs (ChatGPT, Claude, or Gemini): Empowering You with AI"

The Technology Behind LLMs (Chatgpt, Claude or Gemini)
Empowering You with AI Expert


9 April, 2025
05.15 PM - 6:00 PM
Online - MS Teams

Mr. Vansh Soni

SOCIAL MEDIA

 **FACEBOOK :** [HTTPS://WWW.FACEBOOK.COM/PROFILE.PHP?ID=61574661437092](https://www.facebook.com/profile.php?id=61574661437092)

 **INSTAGRAM:** [HTTPS://WWW.INSTAGRAM.COM/DSEMUJ/](https://www.instagram.com/dsemuj/)

 **LINKEDIN:** [HTTPS://WWW.LINKEDIN.COM/IN/DEPARTMENT-OF-DATA-SCIENCE-AND-ENGINEERING-MANIPAL-UNIVERSITY-JAIPUR-028067245/](https://www.linkedin.com/in/department-of-data-science-and-engineering-manipal-university-jaipur-028067245/)
WEBPAGE: [HTTPS://JAIPUR.MANIPAL.EDU/FOSTA/DEPARTMENT-OF-DATA-SCIENCE-ENGINEERING.PHP](https://jaipur.manipal.edu/fosta/department-of-data-science-engineering.php)