Prestige – Chronicles

▪ Inside this Issue

▪ Vision of the Institute

Strive continuously for academic excellence by providing best contemporary, functional education and endeavoring to attain supreme engineering educational excellence, through sincerity of motive and focused efforts.

▪ Mission of the Institute

To prepare students to succeed in information-directed and technology-driven global economy to become global citizens through effective teaching and learning processes with strong practical exposure.

▪ Vision of the Department

To play significant role for achieving academic excellence and develop sincere, motivated Computer Science & Engineering graduate with knowledge, aptitude and skills to be suitable for real world problem solving.

▪ Mission of the Department

- To facilitate budding engineers to learn with passion
- Provide maximum exposure to recent trends and technologies
- Provide specialized learning opportunities with real world problems
- Emphasis on ethical practices and team work

▪ Program Educational Objectives (PEOs)

PEO1: Be successful professional with exposure to technology, knowledge, skills relevant to ICT Industry

PEO2: Be able to contribute in synthesizing solutions for real world problem by working in team

PEO3: Become sincere professional, keen learner, motivated and follower of ethical practices

▪ Program Specific Outcome (PSOs)

PSO1: Students become aware of recent software/hardware tools, technologies and processes

PSO2: Students become enabled to develop moderate level application by following software development process and tools

PSO3: Students become ready to work in team for industry

▪ About this Issue

The first half of 2024 saw a remarkable surge of technical, research-oriented, and collaborative events in the Department of Computer Science and Engineering. From inter-college competitions to hands-on training in AI, cybersecurity, image processing, and IoT, this issue of "Prestige Chronicles" captures the innovation and academic intensity that have become hallmarks of our department.

▪ Message from the Desk of Senior Director

Dr. Manojkumar Deshpande,
Senior Director, PIEMR, Indore

This edition reflects the tremendous energy and academic rigor maintained by the Department of Computer Science and Engineering. The variety of activities held this semester—from research presentations to high-tech workshops—demonstrates the department's continuous commitment to excellence, creativity, and industry readiness. My congratulations to the faculty, students, and coordinators.

▪ Activities

▪ DQAC Meeting

On 10th February 2024, a Departmental Quality Assurance Cell (DQAC) meeting was convened under the leadership of Dr. Piyush Choudhary. The meeting reviewed the academic framework, course delivery effectiveness, and student performance metrics. It also discussed strategies for continuous improvement and innovation in teaching methodologies. Dr. Urjita Thakar Professor, SGSITS, Mr. Ashish Vijayvargiya, CTO, Hotwax Media and Ms. Astha Katiyar, Alumni Representative were the special invitees.

▪ AWS 100 Services Tech Talk

A technical session on "AWS 100 Services" was held on 6th April 2024 and coordinated by Dr. Yakuta Tayyebi. With an overwhelming participation of 200 students, the session offered a deep dive into various Amazon Web Services including EC2, Lambda, S3, RDS, and AI services. Students were enlightened on cloud integration strategies, real-time infrastructure deployment, and certifications.

▪ Decathon – Coding Competition

The Department hosted the "Decathon" coding competition on 4th April 2024, coordinated by Dr. Aradhana Negi. The event challenged 80 students in real-time coding, debugging tasks, and competitive programming rounds that emphasized logic building and algorithmic thinking.

▪ Gaming AR-VR Tech Talk

A highly engaging session on Gaming in AR and VR was held on 10th April 2024 and coordinated by Mr. Sudhanshu Trivedi. 180

students gained insight into the evolution of immersive technologies, hardware-software integration, and future gaming applications.

▪ Machine Learning and Data Science

A workshop on "Machine Learning and Data Science" was held on 3rd April 2024, coordinated by Dr. Charu Verma. Sixty-five students were introduced to ML workflows, data preprocessing, regression models, and evaluation metrics using Python and Jupyter notebooks..

▪ Project Collaboration with Olecons Pvt. Ltd

On 20th January 2024, Dr. Piyush Choudhary coordinated a project collaboration discussion with representatives from Olecons Pvt. Ltd. The meeting aimed at exploring research tie-ups and mentoring opportunities for student-led capstone projects.

▪ Inter-College Project Competition

▪ Project Management Workshop

Held from 27th to 28th March 2024 and coordinated by Dr. Charu Verma, this workshop guided 75 students through essential project management tools such as Gantt charts, stakeholder communication plans, and risk management strategies.

The Department hosted an Inter-College Project Competition on 8th April 2024. Dr. Dipti Chauhan coordinated the event, which saw participation from 360 students. Diverse innovations including health monitoring systems, smart city models, and IoT-based solutions were presented..

▪ One-Day Hands-On Workshop on Python

Dr. Amita Jain coordinated a hands-on training workshop on Python on 2nd April 2024. With 151 participants, the workshop covered Python programming fundamentals, control structures, functions, and basic data analytics.

▪ Computer Vision Workshop

A two-day Computer Vision workshop was conducted on 3rd–4th April 2024 and coordinated by Dr. Amita Jain. With 90 attendees, it covered facial recognition, object detection, and video processing using OpenCV and TensorFlow..

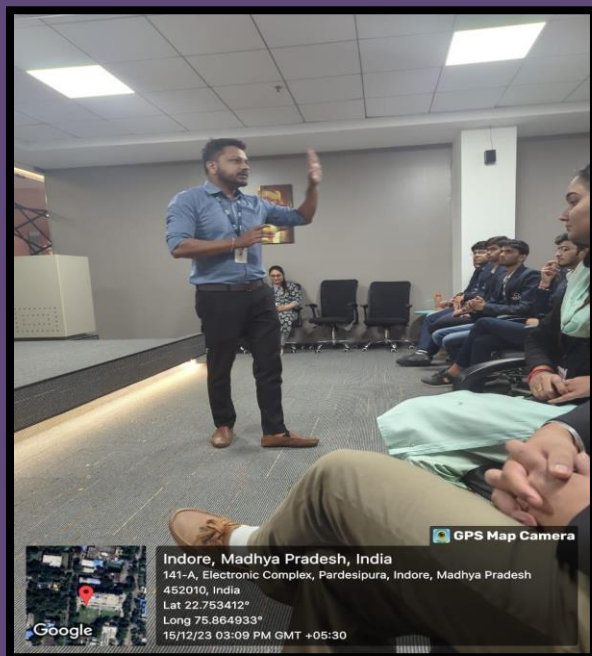## ▪ Flutter and Firebase App Development Workshop

A workshop on cross-platform app development using Flutter and Firebase was conducted on 5th–6th April 2024. Dr. Yakuta Tayyebi coordinated the event for 84 students, guiding them through building UIs, database integration, and backend hosting.

▪ Salesforce Workshop

On 3rd–4th April 2024, 60 students attended the Salesforce Workshop coordinated by Mr. Ajay Jaiswal. Participants were introduced to CRM fundamentals, Salesforce platform navigation, Apex programming, and automation flows.

▪ Inter-College Research Paper Presentation

On 3rd April 2024, 50 students participated in a Research Paper Presentation competition coordinated by Dr. Yakuta Tayyebi. Topics ranged from AI applications to blockchain frameworks. The event encouraged academic writing and critical review.

• Open Source Intelligence & Ethical Hacking

Prof. Jaya Mishra coordinated a two-day cybersecurity workshop on 1st–2nd April 2024. 82 students were trained in digital reconnaissance, anonymity tools, password cracking, and threat mitigation techniques.

Drone Tech Use Cases Workshop

A one-day workshop on 3rd April 2024 was coordinated by Mr. Anand Kushwaha, where 20 students explored real-time drone applications, flight controller programming, and regulatory aspects in drone deployment.

Video Editing and Animation Workshop

Mr. Sudhanshu Trivedi coordinated this two-day workshop and competition on 19th–20th March 2024, where 100 students learned editing techniques, animation workflows, and media project creation using industry tools.

Heartiest Welcome

☛ **Mr. Taresh Ayaspure**
☛ **Mr. Himanshu Bagwaiya**
☛ **Dr. Purva Sharma**

Forthcoming Events

☛ Decathon Competition
☛ Embedded system design and IoT using Raspberry Pi Workshop
☛ Gaming AR-VR Techtalk
☛ Machine Learning and Data Science Workshop

News Letter Committee

☛ **Dr. Amita Jain,** Chief Editor
☛ **Ms. Khushi Singh,** Student Coordinator
☛ **Ms. Mahak Hanumant ,** Student Member

Contact Details

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