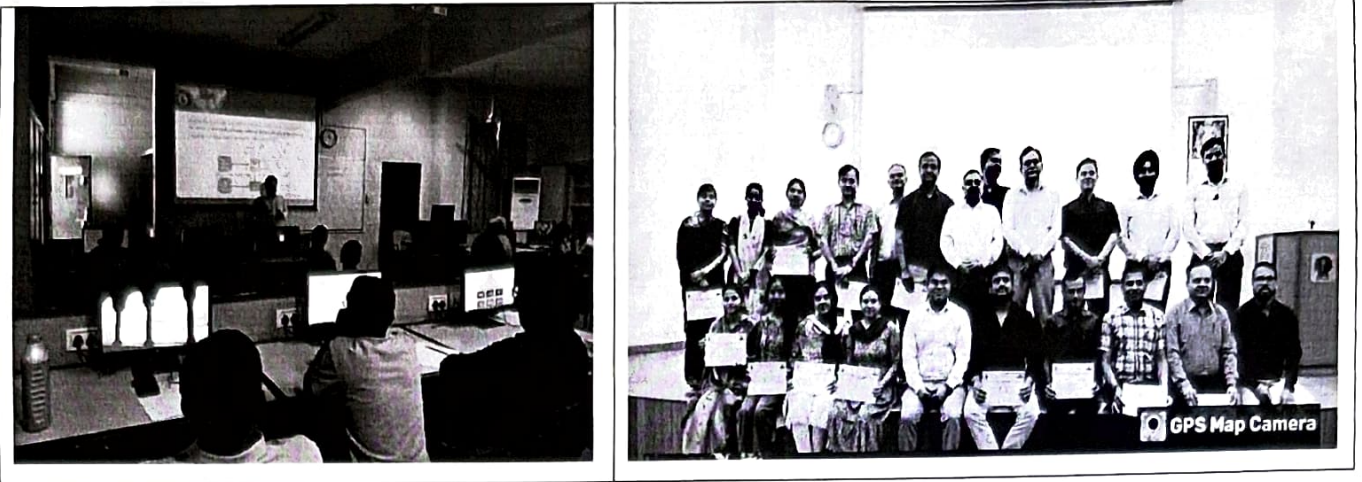# Teacher's Training Programme

On

"Capacity Building in Deep Learning and Cyber Security" for school teachers

May 13-17, 2024

Report

A one-week Teacher's Training Programme (TTP) on "Capacity Building in Deep Learning and Cyber Security" was successfully conducted by the Computer Science Engineering Department of Jaypee University of Engineering and Technology (JUET), Guna, from May 13 to May 17, 2024. The TTP received 68 online registrations from different schools across Madhya Pradesh, Maharashtra, Rajasthan, and Uttar Pradesh, out of which 14 teachers participated. All teachers arrived at the JUET campus on or before May 13, 2024, and attended the training program in physical mode.

Inaugural Session: The program was inaugurated on **May 13, 2024**, at **10:30 AM** in **CL-4** in the presence of **Prof. Vipin Tyagi** (Dean, A&R, JUET, Guna), **Prof. Sanjay Garg** (Dean, I&R, and HoD, CSE), **Prof. Mahesh Kumar**, **Dr. Nileshkumar Patel** (Coordinator), **Dr. K B Meena** (Coordinator), **Dr. Sandeep Srivastava** (HoD – HSS), **Dr. Prateek Pandey, Dr. Ajay Kumar, Dr. Dinesh Verma, Dr. Neelesh Jain, Mr. Navaljeet Singh Arora**, and the teacher participants.

In his inaugural speech, **Prof. Sanjay Garg** (HoD, CSE) explained the motive behind the initiative. He highlighted that the program aimed to provide significant benefits to school teachers by enhancing their skills in Deep Learning and Cyber Security. The inauguration concluded with a vote of thanks by **Dr. Nileshkumar Patel**.

Training Sessions: Throughout the training program, the following resource persons delivered lectures and conducted hands-on sessions:

- **Dr. K B Meena**: Introduction to Machine Learning and Deep Learning
- **Dr. Prateek Pandey**: Network Security
- **Mr. Navaljeet Singh**: Python Programming
- **Dr. Dinesh Verma**: Introduction to Blockchain and its role in Security and Decentralization
- **Prof. Mahesh Kumar**: Importance of Network Security
- **Dr. Neelesh Jain**: Image Forensics
- **Dr. Ajay Kumar**: Exploratory Data Analysis
- **Prof. Sanjay Garg**: Innovation in School Education through Outcome-Based Education (OBE)
- **Prof. Vipin Tyagi**: Expert Talk on Emerging Technologies
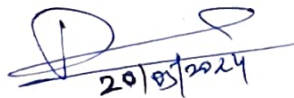- **Dr. Sandeep Shrivastava**: Expert Talk on Human-Social Systems

Valedictory session: The valedictory session took place on **May 17, 2024,** where participants shared their enriching experiences. **Dr. Nileshkumar Patel** provided a comprehensive report on the workshop, followed by **Prof. Sanjay Garg** giving the vote of thanks.

The following feedback was received from the participants: The participants provided highly positive feedback, appreciating the relevance and depth of the training program. They also requested similar programs to be conducted in the future to continue enhancing their knowledge.

20/05/2024

20/05/2024

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Dr. Kunj Bihari Meena
Coordinator

Dr. Nileshkumar Patel
Coordinator

(HOD-CSE)