

Online Knowledge Transfer Series

Report on Lecture #6 “Emerging Transportation Solutions driven by Industry 4.0 Transformation”

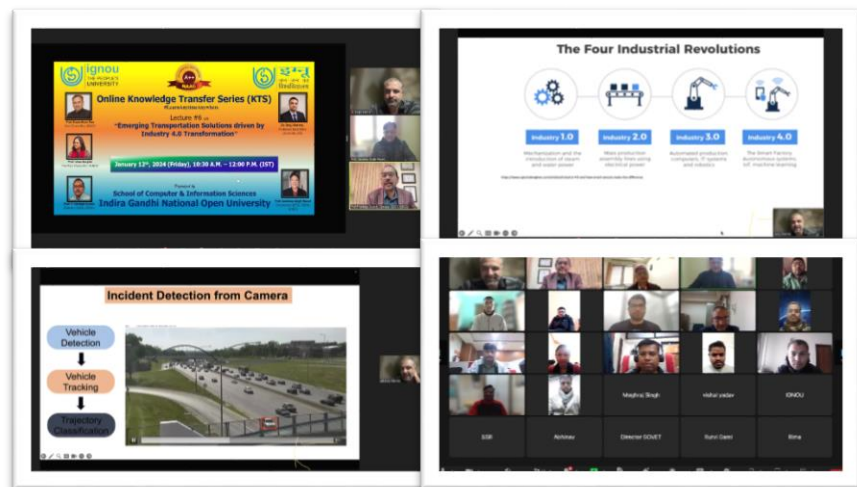
Date: 12/01/2024

School of Computer and Information Sciences (SOCIS) at IGNOU, New Delhi organized Lecture #6 titled “Emerging Transportation Solutions driven by Industry 4.0 Transformation” on 12th January 2024. Dr. Anuj Sharma was the resource person of the day. Dr. Sharma’s research has been recognized by numerous funding agencies, including the National Science Foundation, the Federal Highway Administration, the National Institute of Health, several state departments of transportation (DOTs), and multiple city public works departments.

Prof. Sandeep Singh Rawat, Coordinator (KTS), first expressed his appreciation for the invaluable guidance of our esteemed Honorable Vice Chancellor, Prof. Nageshwar Rao, and the Pro-Vice Chancellor, Prof. Uma Kanjilal, in facilitating this online knowledge transfer series. He also conveyed his profound gratitude to the expert, Dr. Anuj Sharma, for graciously agreeing to impart his knowledge to the participants. Prof. Rawat expressed his appreciation for this and extended a warm welcome to all the participants. The session commenced with Prof. P.V. Suresh, Director - SOCIS providing an introduction to the distinguished resource person, Dr. Anuj Sharma.

Dr. Anuj Sharma delves into the transformative impact of Industry 4.0, incorporating 5G connectivity, crowdsourcing, social networking, big data analytics, artificial intelligence, cloud-edge computing, and immersive technologies. He explores how these elements have revolutionized various industries, presenting his designed solutions rooted in the 4.0 revolutions. These solutions aim to enhance comprehension of driver behavior, optimize traffic operations, and advance autonomy in challenging conditions.

Emerging Transportation Solutions driven by Industry 4.0 Transformation: Insights from Dr. Anuj Sharma during the session.



A total of 65 participants from various regions of India and abroad actively engaged in the session. The Q&A segment proved to be a valuable opportunity for participants to acquire deeper insights into the subject matter. In closing the event, Dr. M. P. Mishra of SOCIS proposed a vote of thanks. He offered his thanks to our esteemed Honorable Vice Chancellor - Prof. Nageshwar Rao, and Pro-Vice Chancellor - Prof. Uma Kanjilal, for their timely guidance in organizing the online knowledge transfer series. Special thanks were extended to our resource person, Dr. Anuj Sharma, for graciously accepting our invitation and delivering Lecture #6, titled “Emerging Transportation Solutions driven by Industry 4.0 Transformation”. Furthermore, Dr. Mishra expressed appreciation to all participants, including learners from BCA, MCA, and Ph.D. programmes, as well as faculty members from other schools. The feedback received for the webinar was overwhelmingly positive.

Prepared by: Prof. Sandeep Singh Rawat, Coordinator (KTS), SOCIS