
Fwd: Report on Expert Lecture " Industry 4.0 " organized by the Department of Mechanical Engineering on March 18,2024

1 message

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To: Mohammad Nawaz Khan <mnkhan@iul.ac.in>, SUMITA CHATURVEDI <sumita@iul.ac.in>

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From: **Communication Cell IUL** <communications@iul.ac.in>

Date: Sat, 30 Mar 2024, 9:18 am

Subject: Report on Expert Lecture " Industry 4.0 " organized by the Department of Mechanical Engineering on March 18,2024

To:

Brief Report on**Expert Lecture " Industry 4.0 " ,Organized by the Department of Mechanical Engineering, on March 18,2024**

Dear All

Department of Mechanical Engineering, Integral University, Lucknow organized an Expert Lecture on "Industry 4.0" by Er. Anand Singh, Senior Manager , HAL Lucknow on March 18, 2024.

Industry 4.0 represents the latest phase of industrial revolution that focuses on automation, interconnectivity, machine learning, and real-time data.

Lecture commenced after the welcome of Er Anand Singh by Prof. (Dr.) P.K Bharti, Head, Department of Mechanical Engineering. Er. Anand Singh, with his extensive experience and expertise in the field, particularly in the context of his role at HAL, Lucknow, provided valuable insights into the practical applications of Industry 4.0 in aerospace engineering and related fields.

The lecture delved deep into the key technologies driving Industry 4.0, including Internet of Things (IoT), artificial intelligence (AI), robotics, additive manufacturing, big data analytics, and augmented reality (AR). The speaker explained how these technologies are interconnected and how they enable automation, connectivity, and data-driven decision-making. His lecture offered students a glimpse into the real-world challenges and opportunities in this rapidly evolving industry.

Following the presentation, a lively Q&A session was held, during which students had the opportunity to engage with the presenter and delve deeper into specific aspects of Industry 4.0. Topics discussed during the Q&A session included the ethical implications of AI, the role of government in fostering Industry 4.0 adoption, and the potential for Industry 4.0 to address environmental challenges.

Two faculty members of the Department of Mechanical Engineering Dr. Sumita Chaturvedi and Dr. Shahnawaz Alam coordinated the smooth conduction of the expert lecture. There were 121 participants.

The program culminated with a vote of thanks.





Regards

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Dr. P.K.Bharti
Professor & Head
Convener (ICCMRE-2018)
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