



Research Talk on Data Analytics and Digital Twins in Energy Industry

Date: 18th October, 2022

Time: 10:00 pm to 11:00 pm

Platform: Da Vinci Auditorium, Delhi Technical Campus

Research Cell, Delhi Technical Campus organized a Research Talk on '**Data Analytics and Digital Twins in Energy Industry**'.

Objective: The purpose of the lecture was to enlighten students and faculty about the role of Data Analytics and Digital Twins, and their importance in the Energy sector.

Dr. Rishi Relan, a predictive modelling and digital twin expert, product owner and technical lead at Siemens Energy R&D, delivered the lecture. Dr. Relan has co-authored approximately 55 scientific articles in various journals, conferences and technical workshops. He serves as a reviewer for multiple leading scientific Journals and conferences. He is an eminent researcher and a profound expert in the field of Data-driven modeling.

During the research talk, Dr. Relan enlightened the faculty and students with his great knowledge and experience in the field of Data Analytics. The lecture helped the students and the faculty members in gaining insights to various application of data analytics in the Energy Sector. Practical application of Data analytics in the industry along with case examples helped the students to gain in-depth knowledge of Artificial Intelligence and its application in the Industry especially for safety-critical systems.

Learning Outcomes:

- Understanding the fundamentals of Data Analytics and Digital Twins
- Application of Digital Twins in the Energy sector
- Predictive Modeling of faults in the industry especially for safety critical systems

The Lecture was successfully coordinated by the research cell faculty coordinators.

Report Published By: Research Cell, DTC

Total Participants/Attendees:

Students: Above 190

Faculty: Above 18



Delhi Technical Campus

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Research Talk on

DATA ANALYTICS AND DIGITAL TWINS IN ENERGY INDUSTRY

Organised by Research Cell



Speaker

Dr. Rishi Relan

Chief Manager, and Digital Twin
and Predictive Modelling Expert at
Siemens Limited, Gurgaon, India.

Coordinators

Dr Seema Verma, HOD CSE

Dr Mohd Atif Wahid, HOD MAE

Dr Malik Nadeem, Member (Research Cell)

Date: **October 18, 2022**

Time: **10am IST**

Venue: **Da Vinci Auditorium**

Audience All Faculty members and Students

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