



GALGOTIAS COLLEGE OF ENGINEERING & TECHNOLOGY

1, Knowledge Park-II, Greater NOIDA, Uttar Pradesh, 201310

Faculty Development program

On Recent Innovations and Novel Concepts for Sustainable Developments

A one-week faculty development program on “Recent Innovations and Novel Concepts for Sustainable Developments” was held from 15th July 2024 to 22nd July 2024 at Galgotias College of Engineering and Technology, Greater Noida, Uttar Pradesh. This FDP was Jointly organised by the departments of Civil engineering and Applied Sciences and sponsored by Dr Abdul Kalam Technical University, Lucknow, U.P. The FDP was aimed at raising awareness about the modern and innovative measures for the sustainable development of the society.



There were sixty registrations for the event and 12 keynote speakers graced the event. The inauguration of the FDP started with Saraswati Vandana and lamp lighting. The FDP was inaugurated by Dr (Prof.) Rakesh Kumar Khandal, Chancellor, SDGI Global University, Ghaziabad, Former VC, UPTU, Lucknow. In his speech, he acknowledged the need for sustainable development by making responsible use of the resources at hand and attempting to preserve the ecological balance. Dr. Rishav Garg, HOD, Civil, while addressing the gathering emphasized on our commitment for using innovative measures for sustainable development. Dr. Rajesh Tripathi, HOD, Applied Sciences stressed on the implementation of recent innovations and Novel concepts in the day to day life for achieving the goal of sustainable development. Dr. Bipin Kumar Srivastava, DSW, asked the audience to focus on the Novel ways to get the sustainable development. Through the course of five days, 12 keynote speakers from academia and industry discussed about their cutting-edge research programs and exploring its practical applications for Research, business, society and academia. Dr. Harish Sahu, Scientist-E, DRDO, Delhi discussed about the importance of Quantum computing in reaching out for sustainable development. Dr (Prof.) Sanjay Kumar Sharma, GBU, Greater Noida focussed on the Ancient Science and Modern Development in relation to get sustainability. Dr Shailendra S. Gaurav, Professor, CCS University, Meerut discussed how Intellectual Property Rights (IPR) can play an

essential role in finding Novel concepts for sustainability. Mr Deepak Kumar Singh, GM, Satcom Monitoring Centre, Department of Telecommunication, Ministry of Communication, Delhi emphasized on the Latest technology and development in Satellite Communication which can be a milestone in having innovations for sustainable development. Dr Ashwani Kumar Tiwari, JNU, Delhi shared insight about Mine Water and Utilisation. Dr Anil Kumar, Asso. Prof, DTU, Delhi discussed about CO₂ mitigation potential in cement industry through concentrated solar energy. Col (Dr) Prof Pawan Pandey, IIT Delhi gave insight on Indian construction industry. Mr. Rajneesh Sarin, Program Director, CSE, New Delhi shared his view on Urban discomfort which is largely causing the climate change scenarios of heat and floods. Dr. Tokeer Ahmad, Professor, Jamia Millia Islamia, New Delhi discussed about Catalysis for Sustainable Green Energy and Dr. Deeksha Dave, IGNOU, Delhi highlighted Eco Innovations for sustainability.



The FDP ended with a valedictory session by Prof. Anil C Mathur, Visiting Professor, Centre of Space Science and Technology, IIT Roorkee, Retired from ISRO. He gave an insight about Challenges and Opportunities in Space Science and Technology. Dr. Smriti Dwivedi gave vote of thanks to the Guests, speakers, participants and colleagues for their contributions in making the FDP a successful event.