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PRESS RELEASE

Dhanbad Chapter of Indian Geotechnical Society (IGS) launched at IIT (ISM) Dhanbad

The opening ceremony of Indian Geotechnical Society, Dhanbad chapter and inaugural function of GIAN course on Treatment and Valorization of Wastes was held at IIT (ISM) Dhanbad on January 24 (Tuesday).

The Dhanbad chapter was incorporated to Indian Geotechnical society during the function as its 49th local chapter by Prof Rajiv Shekhar, Director, IIT(ISM) who was present during the function through video conferencing from Kolkata.

The function was attended by Prof Sarat Kumar Das, HOD, Civil engineering, IIT(ISM); Dr Anil Joseph, President, Indian Geotechnical Society; Dr AP Singh, Secretary, Indian Geotechnical Society; Prof Subhamoy Bhattacharya, University of Surrey and Prof Claudio Cameselle, University of Vigo, Spain. Dr. Anil Joseph presented the certificate of inauguration of the IGS Dhanbad chapter to Prof Sarat Kumar Das.

The inaugural ceremony was followed by technical lectures from academic and industry experts.

Prof Subhamoy Bhattacharya delivered the lecture on Geotechnics for development of sustainable energy: Opportunities and Challenges, where he discussed in detail about the challenges and immense prospects of offshore wind farms and how it can effectively cater to the much demanding energy sector.

The second lecture was delivered by Dr Anil Joseph on the Engineering challenges behind the demolition of Supertech Twin Towers at Noida, Delhi. Dr Joseph who is a leading experts in demolition engineering delivered an interesting and informative lecture emphasizing on the need for precision in planning and execution of controlled implosion, such as the one nation witnessed at Noida. The insight into the practical challenges of demolition engineering was much appreciated by the audience since it is an emerging area of specialization in Civil engineering.

The course on Treatment and Valorization of Wastes is arranged under the Ministry of Human Resource Development (MHRD) scheme of Global Initiative of Academic Networks (GIAN) and conducted by Prof Claudio Cameselle and Prof Sarat Kumar Das.

The concept of sustainability and circular economy will be of major interest in the analysis and design of any waste management system. This course deals with the problems associated with the generation of industrial wastes and their impact on the environment and public health. The course will focus in the minimization of wastes, reuse and recycling of materials, and waste valorization process and technologies.

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