



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद Indian Institute of Technology (Indian School of Mines), Dhanbad

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PRESS-RELEASE

More than 150 Scientists, Faculty Members and Research Scholars from across the country congregated at IIT (ISM) delve deep into different aspects of Modelling, Analysis and Simulation in the context of AI, ML and IOT during the three day National Conference.

Around 150, Scientists, Faculty Members and Research Scholars of different Technical and Academic Institutes from across the country congregated at IIT (ISM) for the three day **National Conference of the Modelling, Analysis and Simulation** being organized by Department of Mathematics and Computing of the institute, learnt about the Machine Learning- Concepts and Applications; Applications of Applied Mathematics in Defence R&D; Perspectives in the Modelling of Infectious Disease etc.

The occasion was the day 1 of the three day conference, which was inaugurated today at Golden Jubilee Lecture Theatre of IIT (ISM) by Prof SK Tomar, Vice Chancellor, JC Bose University of Science and Technology, YMCA, Faridabad as chief guest in association with Prof Sukumar Mishra, Director IIT (ISM) who presided over the function.

The conference during which 16 distinguished speakers from top technical institutes from across the country including IIT Guwahati, IIT Ropar, IIT Delhi, IIT Mandi besides the speakers from the host institute and various top ranking NITs are participating will deliberate on Theory of light wave propagation in graded index cladded optical fibers, Dynamics of Polarized shear waves in sandwiched structure, besides other pertinent issues including, Harnessing AI for Precision Agriculture.

Speaking during the inaugural function as chief guest, Prof SK Tomar, threw light on role of faculty members and research scholars in popularizing Mathematics teaching and education and said, "Teaching less but rigorously is more important than teaching more".

Elaborating further he said, "While teaching too much the teachers get stuck up with some topics which are not very relevant so it is imperative to teach limited topics with greater efficiency and clarity rather than covering too many areas".

He advised the research scholars against turning into a publication machine, publishing papers after papers without getting deeper knowledge of the subject.

Prof Sukumar Mishra, Director IIT (ISM) during his address, "The topic chosen for the conference is very pertinent and it is especially significant for the technical institutes as simulation as part of Mathematics is very important in all disciplines of Engineering and Science besides also in Humanities"

"We as electrical engineers also carry out a lot of simulation before for the formal launch of project" asid Prof Mishra and cited the example of soft-landing of Chandrayan-2 where five six years of simulation was carried out before the formal launch in space.

Prof RK Upadhyay, Head of Department, Mathematics & Computing during his address as the chairman of the conference informed the gathering about the first National Conference on Modelling, Analysis and Simulation while Prof SA Sahu gave details of the participation from various insitutes in conference and also about the schedule of the three day event.

Prof AK Verma, Organizing Secretary of National Conference, delivered the vote of thanks.

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