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PRESS RELEASE

Three day International Conference on Advances in Spectroscopic Techniques and Materials (ASTM-2024) kicks off in IIT (ISM) today; experts from across the country and abroad deliberate the usage of advancements of Spectroscopy in solving different issues affecting common people.

Experts from different parts of the country and abroad congregated at IIT (ISM) to deliberate Advances in Spectroscopic Techniques and Materials were called upon today to explore the usage of advancement of spectroscopy techniques in reducing production cost of solar energy and also to facilitate further reduction of health care facilities and services in India through usage of spectroscopy.

Shri Varun Ranjan, Deputy Commissioner, Dhanbad who made the abovementioned appeal to the participating scientists and industry experts during the inaugural function of the three day International Conference on Advances in Spectroscopic Techniques and Materials (ASTM-2024) as chief guest at Golden Jubilee Lecture Theatre of IIT (ISM) also suggested them to scout for the usage of spectroscopy in controlling pollution or mitigating the effects of pollution.

“The production cost of solar power is still higher than the thermal power production and further reduction in production of solar energy can help to make it more competitive and will accelerate the shift to solar energy” said Shri Ranjan.

Proposing to find out further usage of spectroscopic techniques in making life easier for the common people he said that the health care facilities and services which find significant use of spectroscopy is cheaper in India compared to western countries but the experts gathered can explore ways to make it cheaper.

Prof Jk Pattanayak, Officiating Director IIT (ISM), who was presided over the function said “The experts gathered during the conference should delve deep into finding the ways of making the life more comfortable with usage of advancement in spectroscopic techniques”

He also exhorted the research scholars participating in conference to see the deliberation taking place in conference with global level developments in the area.

Prof Pankaj M Koinkar, Associate Professor, Optical Nanomaterials Laboratory, Department of Optical Science, Tokushima University, Japan who was present during the function as Guest of Honour, talked extensively about the usage of Spectroscopy in Material Sciences and said that without spectroscopy the Material Science has no significance.

Prof Vineet Kumar Rai of Department of Physics, who is also the convener of ASTM-2024 delivered the welcome address, while BK Antony, Head of the Department, Physics as Chairman ASTM-2024 apprised the gathering about the significance of conference at . Prof Kaushal Kumar, Associate Professor, Department of Physics gave details of eminent speakers and schedule of the conference as its organizing secretary while Prof Pankaj Mishra was also present of dais as Co-convener of ASTM-2024.

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