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PRESS RELEASE

Focus on increased interaction between Industry and Institute during the two day International Conference on Industrial Problems on Machines & Mechanisms at IIT (ISM)

Industry leaders and top academicians congregated at IIT (ISM) Dhanbad today highlighted on the need for increased interaction between Institute and Industry in order to fill the existing gap.

The gathering of eminent experts from across the country assembled at the institute for the **2nd International & 14th National Conference on Industrial Problems on Machines & Mechanisms (IPRoMM)** also emphasized on the need for motivating students to spend more time in labs giving shape to ideas, fabricating tools and machines rather than only concentrating on theory classes and software development.

The conference organized by Department of Mechanical Engineering of IIT (ISM), which kick started today with inaugural session held at Golden Jubilee Lecture Theatre (GJLT) of the institute also witnessed discussion on developing machines having high end technologies but having simple mechanisms.

Speaking during the inaugural function as Chief Guest, Shri G.A. Srinivasa Murthy, Director, Defence Research & Development Laboratory (DRDL), Hyderabad who is an Outstanding Scientist, said, “Machines and Mechanisms need not be complex and rather it should be simple enough to handle, maintain and manufacture”.

Elaborating over the issue, he said that all Industries now a days, be it automobile industry or aerospace industry prefers such machineries, mechanism and tools which are simple in application and mechanisms.

He also used the occasion to invite students of IIT (ISM) to visit, DRDL to witness the machines and technologies, while emphasizing on need for greater interaction between Industry and Academia which was not much in practice during the previous days but has increased during the recent times as per the necessity of the time.

“The industry, institute and laboratories will have to work together to fill the gap” further said Shri Murthy and added that basic research is required at the institute level itself as per the practical issues faced by the Industries on ground.

Prof Rajiv Shekhar, Director, IIT (ISM) who presided over the function, set the tone of the deliberations of the conference by throwing light on the significance of motivating and guiding the students to give equal focus on fabrication rather than software etc.

“As academic institute we have to reorient them to make hardware rather than only concentrating on software” and further said the Director and added that a software is of no use without a hardware.



भारतीयप्रौद्योगिकीसंस्थान (भारतीयखनिविद्यापीठ), धनबाद Indian Institute of Technology (Indian School of Mines), Dhanbad

“Labs are the neglected holy grails and thus the faculties while delivering lectures must also motivate students to spend more time in labs” further said Prof. Shekhar and added that IIT (ISM) has taken the initiative to provide space and facilities to the students to work on innovative ideas by establishing Naresh Vashisht Centre for Tinkering & Innovation (NVCTI).

Prof Amit Rai Dixit, HoD (Mechanical Engg) & Chairman (IPRoMM 2022) gave details of history, existing facilities and activities of Department of Mechanical Engineering while Prof. Sanjoy Kumar Ghoshal, convener of IPRoMM during his address gave details of the conference.

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