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## PRESS RELEASE

### Young scientists and Technologists from top technical institutes and industry brainstorm over the role of science and technology for sustainable future during the three day Technical Symposium at IIT (ISM)

In tune with the theme, **One Earth, One Family, One Future** of G-20 summit, more than 100 young scientist from the across the country congregated here at IIT (ISM), deliberated over the multifarious use of science and technology for ensuring sustainable future.

The occasion was the inaugural day of the three day technical symposium on “Science and Technology for sustainable future (STSF) 2023” organized by Indian National Young Academy of Sciences (INYAS) in Association with IIT (ISM) Dhanbad and TEXMiN Foundation during which the participants discussed issues like, **Funding for Science & Technology, Materials for Generation Next and Nitrogen Challenges; Exploring solution for Sustainable management etc”**

Speaking during the occasion, Prof AK Mishra, Director, Central Institute of Mining & Fuel Research said, “Though, the 17 sustainable development goals (SDGs) were adopted by United Nations in 2015 but in India we imbibed the values of world being one family through the belief in Vasudhaiv Kutumbakam since time immemorial”

“The erratic behavior of the nature during the recent times brought to fore the ill effects of excesses carried on nature in the mad race of development and thus highlighted the need for sustainability of growth” said Mishra who is also the former head of Department of Mining Engineering at IIT (ISM) and added that the solution of all areas of concern be it the issue of energy security lies in Science and Technology itself. “Several scientific interventions are being made like the Clean Coal Technology, Electric Vehicles etc but more needs to be done” further said Mishra and exhorted the young scientists to collaborate together to find the solution of each issues affecting the sustainability.

Prof J K Pattanayak, Officiating Director IIT (ISM), while lauding the organizers of the program for choosing a relevant issue of sustainable development in tune with the G-20 summit said “the technology played a key role the transformation that took place after 1960s from traditional economy to knowledge economy” and added that science and technology along with innovation can play significant role in ensuring sustainable development.

Prof Dheeraj Kumar, Deputy Director IIT (ISM) while apprising the gathering during the inaugural session about STSF said, “We expect that the symposium being organized for the first time at IIT (ISM) through INYAS will explore the ways of achieving one of 17 sustainable development goals of United Nations”

Rajendra Singh Dhaka, Associate Professor, Department of Physics IIT (ISM) who is also the Chairperson of INYAS gave detail of history and activities of the INYAS.

Notably, scientists the technologists from IIT Kharagpur, IIT Delhi, IIT (BHU), IIT Ropar, IIT Hyderabad, IIT Jammu, IIT Gauhati, IIT Mumbai and BARC Mumbai besides other institute congregated at IIT (ISM) will discuss a host other issues including Materials for Sustainable future, Carbon Neutral Technology during the next two days.

Meanwhile, a 45 days Intellectual Development Program for Mining Industry and Business Practices titled, Campus to Corporate being conducted by TEXMiN in association with IIT (ISM) Dhanbad also began at the institute today.

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