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PRESS-RELEASE

Experts Converge at IIT (ISM) Dhanbad to Discuss Advances in High-Strength Concrete Reinforcement

The Department of Civil Engineering, IIT (ISM) Dhanbad, inaugurated **a two-day workshop on *"Advances in Application of High-Strength Reinforcement Bars in Construction of Concrete Structures"*** on Thursday at the Sir Mokshagundam Visvesvaraya Seminar Hall, New Academic Complex. The event, organised in collaboration with industry partners, aims to enhance understanding of high-strength reinforcement technologies and strengthen industry–academia collaboration in structural engineering.

The inaugural ceremony began with the traditional welcoming of dignitaries, bouquet presentation and lamp lighting. **Prof. Pranesh Roy**, Coordinator of the workshop, delivered the Welcome Address and highlighted the importance of upgrading engineering practices in line with emerging high-strength materials. He said that such workshops bridge professional gaps and create opportunities for knowledge sharing.

Prof. Srinivas Pasupuleti, Head of the Department of Civil Engineering, in his departmental overview, outlined the department's academic and research initiatives and its focus on modernising engineering education. His address was followed by an industry perspective shared by **Mr. Nazmul Hussain**, Senior Technologist, Product Application Group, Tata Steel, who stressed the significance of new-generation reinforcement bars in improving structural performance and safety.

Delivering her address, **Prof. Keka Ojha, Dean (Continuing Education)**, emphasised that theoretical knowledge becomes meaningful only when applied in real-world environments. Praising industry partners and data-driven stakeholders for their support, she urged participants to internalise the learnings and contribute to national infrastructure development.

In his inaugural address, **Prof. Dheeraj Kumar**, Deputy Director, IIT (ISM) Dhanbad, noted that this workshop, being the second in the series conducted with industry collaboration, illustrates the growing importance of academia–industry synergy. Drawing from his background in mining engineering and surveying, he spoke about the increasing relevance of high-strength reinforcement bars in ensuring structural resilience, particularly in challenging conditions. He congratulated the organisers for selecting a timely and meaningful theme.

Guests were felicitated during the ceremony, including **Mr. Ashish Bansal**, Business Manager, Shriram Sales, Dhanbad, whose support contributed to the organisation of the event. **Prof. Rahul Bhartiya**, Co-Coordinator, delivered the Vote of Thanks, acknowledging faculty members, experts and industry representatives. The session ended with the National Anthem and High Tea.

Following the inauguration, participants attended technical sessions covering structural failures, health monitoring of structures, earthquake-resistant foundation design and laboratory demonstrations. These sessions provided practical exposure and expert insights.

The concluding day, November 14, will feature discussions on seismic safety, sustainable construction materials, subsurface investigation techniques and practical design considerations for high-grade steel. The workshop will end with a valedictory session in the evening.

Rajni Singh
Dean (Corporate Communications)