

**TEQIP-III Sponsored  
Workshop On  
"Metallurgy of Steel"  
Oct. 27-28<sup>th</sup>2018  
Registration Form**

Department of metallurgical Engineering  
BIT Sindri

Personal Details: Title  
(Mr./Ms./Mrs./Dr.): \_\_\_\_\_

Gender (Male/Female): \_\_\_\_\_

Name (in Block Letter): \_\_\_\_\_

Designation: \_\_\_\_\_

Institution/Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

Highest Qualification: \_\_\_\_\_

Payment Details: \_\_\_\_\_

Demand draft N0: \_\_\_\_\_

Dated: \_\_\_\_\_

Total Amount in INR \_\_\_\_\_ (Demand draft should be drawn in favor of "UMSU-2018", payable at SBI, BIT Sindri, Dhanbad). Registration fee can also be deposited/transferred into the above mentioned bank account "UMSU-2018" referred to website of [www.bitsindri.ac.in](http://www.bitsindri.ac.in)

Signature of applicant

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Prof. D. K. Singh Director, BIT Sindri, Dhanbad

**Convener :**

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**Coordinator:**

Prof. Sumit K. Sharma

Prof. Tvarit A. Patel

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**For any queries, please contact:** Mr. Sumit K. Sharma, Mr. Tvarit A. Patel, Asst. Prof.

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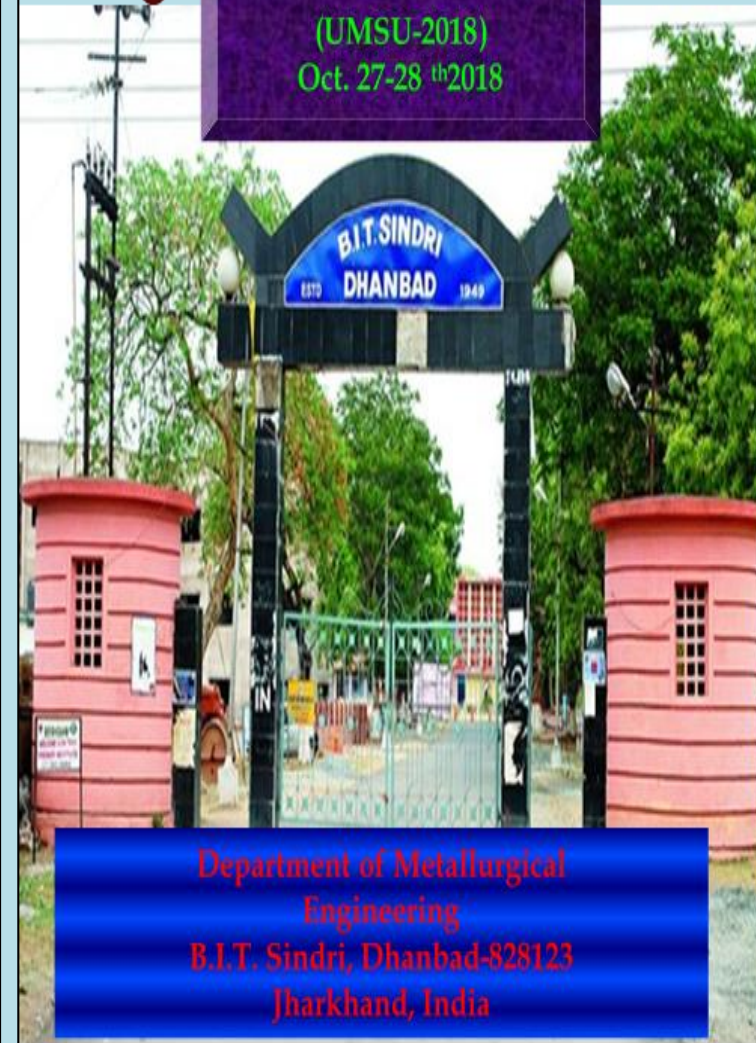
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**Two Day Workshop  
On  
"Understanding Metallurgy of  
Steel for its Effective Utilization"**

**(UMSU-2018)  
Oct. 27-28<sup>th</sup>2018**



**Department of Metallurgical  
Engineering  
B.I.T. Sindri, Dhanbad-828123  
Jharkhand, India**

### About Sindri and BIT Sindri

Sindri is an industrial township within the Dhanbad municipal limits of Jharkhand state. Sindri is well known because of a large Fertilizer factory (Fertilizer Corporation of India Limited - FCI). ACC Limited, Steel Authority of India Limited (SAIL), Projects & Development India Limited (PDIL), formerly Planning & Development Division of FCI and Coal Mines of the Bharat Coking Coal Limited, a subsidiary company of Coal India Limited.

BIT, Sindri was first started as College of Mechanical and Electrical Engineering in 1949. The institute grew and flourished rapidly during the early days under the dynamic leadership of Prof. D. L. Despande, the then Director, who is regarded as the architect of the institute. The institute is located at a distance of 28 kms from Dhanbad railway station linked by rail as well as road. It has a sprawling campus of about 450 acres of land near the eastern bank of river Damodar. The institute is fully residential for students as well as teaching and non-teaching staff.

The institute is controlled administratively by the Department of Higher, Technical Education & Skill Development, Govt. of Jharkhand. The Institute mainly aims at providing valuable human resources for the industry and society through excellence in technical education and research for sustainable development. The college offers B.Tech. courses in 10 disciplines of engineering namely Mechanical, Electrical, Metallurgy Production, Chemical, Electronics & Communications, Civil, Mining, Computer Science, Information Technology besides many M. Tech. specializations.

The college possesses modern amenities which include multimedia auditoriums, seminar rooms, class rooms, a state-of-the-art well-stocked rich E-library, well-equipped modern laboratories and campus wide network & State of Art Siemens lab which is regarded as Centre of Excellence to meet the industry demand. The wide range of activities on campus, like, good sports facilities, well-motivated staffs & students for pursuit of excellence provides a pleasant and intellectually stimulating, proactive, conducive environment to feed their curiosities & interest and help them to prepare for the professional, academic and social life.

### About Department

The Department of metallurgical Engineering was established in the year 1956. The department offers four years B. Tech. degree course and M.Tech. with specialization in physical metallurgy and process metallurgy in Engineering. The department has several well-equipped laboratories for undergraduate and postgraduate programs. The specialized laboratories include: Foundry & Refractory lab, Metallography lab, Physics of metal lab, Heat treatment lab, and Thermodynamics & kinetics Lab.

### WORKSHOP TOPICS:

The topics to be covered in this Workshop include primary and secondary steelmaking with case studies of direct relevance to the industrial practice. The Workshop would be in the form of lecture-cum-case studies facilitating interactions between the participants and speakers.

The tentative list of lectures is given below:

- *Introduction to Steelmaking*
- *Numerical Modeling of Steel making & Application of MATLAB*
- *Physical Metallurgy*
- *Solidification & Continuous Casting*
- *Innovation in Steelmaking*

### Invited Speakers

- *Dr. Basudeb Misra Chief technologist steel making RDCIS Ranchi.*
- *Dr. K. K. Kesari, RDCIS Ranchi*
- *Prof. P. S. Rao, IIT-ISM Dhanbad*
- *Dr. S. P. Singh, SAIL Bokaro.*
- *Prof. S. B. Kumar, NIFFT Ranchi.*
- *Dr. K. P. Ajit, IIT-ISM Dhanbad*

### VENUE AND TRAVEL

All technical lecture-cum-case studies of the Workshop will be held tentatively in the Seminar Hall, located within the beautiful campus of B.I.T. Sindri, Dhanbad, on October 27-28<sup>th</sup>, 2018. Adequate communication links through phone and e-mail will be provided to the delegates. Dhanbad is a beautiful city and is well connected directly with most of the international and domestic destinations.

### Registration

Faculty Member, Researchers-Rs. 1000/-  
Persons From Industries-Rs. 2000/-  
Students-Rs. 500/-

**Last Date of Registration : 25<sup>th</sup> Oct. 2018**