

**National Conference on “Advancement
in Materials Processing Technology”
(AMPT-2019)
30-31st August, 2019**

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Impotant Dates

Last date of Abstract submission: 15th April 2019
Intimation to selected abstract : 20th April 2019
Last date of manuscript submission : 15th June 2019
Last date for receipt of Registration Form: 15th July 19

**National Conference
on
“Advancement in Materials
Processing Technology”
(AMPT-2019)**

30-31st August, 2019
(First Circular)

Chairperson

Dr. R. Prasad

Organising Secretary and Convener

Dr. Rina Sahu



Organized by

**Department of Metallurgical and
Materials Engineering,
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About the Institute: National Institute of Technology, Jamshedpur earlier known as Regional Institute of Technology was established on **15th August 1960 as a joint venture of Government of India and the Government of Bihar in the chain of REC's (Regional Engineering College) in India** with the aim to generate technical graduates of highest standards who could provide technological leadership to the region. It was among the first eight Regional Engineering Colleges (RECs) established as part of the Second Five-Year Plan (1956 - 1961). This was the only REC in the country which was named as **RIT (Regional Institute of Technology)**. On **27th December 2002, RIT Jamshedpur was converted to National Institute of Technology, Jamshedpur** with the status of a Deemed University as per the decision of Govt. of India. The Institute has 12 departments including engineering, science and humanities. The Institute, with 200 faculty, 4000 students, 150 administrative and supporting staff, is a self-contained campus. It is located on the outskirts of Jamshedpur on 341.3 acres of sprawling, rolling hilly, wooded land. It combines natural beauty of countryside with urban glamour of an industrial area. Situated in the heart of the rich mineral and industrial belt of Jharkhand State. The institute is strategically located with the unique advantage of being surrounded by giant and medium scale industries like Tata-Steel, Telco, Indian Steel Wire Products, Tata Tubes, Tinsplate Company, Tata Timken etc. and reputed Institutes like the National Metallurgical Laboratory, Xavier Labor Relations Institute and National Institute of Foundry and Forge Technology, Ranchi.

Metallurgical & Materials Engineering Department The Department of Metallurgical and Materials Engineering was amongst the four branches with which the institute was initially launched in 1960, with increasing focus on : Materials Technology, Foundry Technology, Iron & Steel, Nanotechnology, Mineral Benefaction and the R&D work being carried out in these fields in the metallurgical sector, Materials Engineering was included in the curriculum of the department in 1995. There are M.Tech course on Materials Technology & Foundry Technology.

How to reach the Institute:

NIT Jamshedpur is well connected by Rail and Bus. Nit Jamshedpur campus is about 10 km from TATA railway station.

Objectives of Course The motive of this conference is to provide a platform to academicians, research scholar, industrialist and professional of mineral, metal or metallurgy sector, so that they can exchange information, their ideas their achievement in work.

TOPICS OF INTEREST

- ✓Advanced Material [Engineering materials/composite materials/ Smart Materials/Nano Materials/Bio Materials/Functional/Multifunctional/Functionally graded Materials]
- ✓ Materials Processing
- ✓Foundry [Metal Casting and Forming]
- ✓Mineral Beneficiation/Mineral Processing/Sustainable coal use and clean coal technology
- ✓Recycling and waste Recovery
- ✓Energy and Environmental materials/ Electrical and Electronic device materials
- ✓Waste Heat Recovery
- ✓Green building materials/Green Manufacturing
- ✓Heat and mass transfer modelling and simulation

Guideline for Author

- All Submission will be peer reviewed by experts in the field based on originality significance, quality and clarity.
- All contribution must be original, should not have been published elsewhere and should not be intended to be published elsewhere during the review period.
- At least one author must register and present his/her accepted manuscripts in the conference.
- Registration fee includes proceedings, conference kit, lunch, Tea and certificate.
- Conference kit will be provided to registered author & participants only.
- Manuscripts format can be downloaded from conference website.
- After the peer review , the selected research papers will be published in indexed journal having ISSN and ISBN numbers.

Best Paper Award

A "best paper Award" will be conferred to the author(s) of a full paper presented at the conference.

Sponsorship for Conference Events

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Category	Amount INR	Benefits
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Delegates from Industries 5000

PG & Research Scholars 1000

UG Students 500

Accompanying Person 1000

Registration is compulsory by at least one of the authors for the presentation of oral/poster paper

Google Form for Pre-registration:

https://docs.google.com/forms/d/1_Tf4gboH6WlvPBdpLUtuzEblI--nuzclxiNxivfFKcaM/edit

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Dr. Rina Sahu, Convener, AMPT-2019, Department of Metallurgical and Materials Engineering, National Institute of Technology, Jamshedpur, Jharkhand, INDIA – 831014 Saraikela Kharsawan (Jharkhand).

Email Id: ampt19@nitjsr.ac.in

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http://nitjsr.ac.in/uploads/Conference_AMPT-2019.pdf

Accommodation : Accommodation will be provided to all out station participants in the institute guest house/hostels on nominal payment basis subject to the availability. For more details on Accommodation please refer the conference website.