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TEQIP Sponsored

Two Days National Conference

on

**Technological Advancement in
Manufacturing & Processing of**

**New Materials
(TAMPNM- 2016)**

9th – 10th April, 2016



Organized By

**MECHANICAL ENGINEERING DEPARTMENT
Veer Surendra Sai University of Technology
Burla, Sambalpur, Odisha
Pin - 768018**

About the Conference

Manufacturing is the key for the economic growth of any nation. In order to boost the country's economy and lay a robust foundation, innovation in manufacturing practices is considered as an essential strategy. Material processing and testing are the subsets of manufacturing. Material processing involves a series of operations which converts industrial materials in raw state into finished products. Material testing is a process of measuring the characteristics and behavior of materials such as metals, ceramics, plastics, etc under various conditions. The data thus obtained can be used in specifying the suitability of materials for various applications. The main aim of this National Conference is to bring together all technocrats in a single platform to share their knowledge and experience on various innovative Material Processing and Testing techniques. The conference will provide an opportunity to Researchers and Engineers from industry, research laboratories and academia to present papers on latest advances on material processing and testing of new materials.

VSSUT at a Glance

Veer Surendra Sai University of Technology Burla, formerly known as University College of Engineering, was established in 1956. The Institute is well known for its quality teaching, its research potential and faculty eminence and is a premier Government Institute of the state of Odisha. This Institute has sculptured its own standard amongst the best technical Institutions in the country having more than 20000 graduates and 3000 post graduate engineers, serving in reputed Organizations around the globe as its alumni. An Internationally acclaimed Technical University to impart futuristic technical education and creation of vibrant research enterprise to create quality engineers and researchers, truly world class leader and unleash technological innovations to serve the global society and improve the quality of life.

Department of Mechanical Engineering

The Department of Mechanical Engineering was established in 1956. The committed faculties are teaching with dedication for excellence. During last 5 decades, this branch produced (around 3500) high standard self-motivated professionals to serve humanity, both nationally and internationally, at par with excellence.

Call for Papers

Original High quality papers in all the following topics of interest (but are not limited) are solicited. The papers exploring new directions will receive especially careful and supportive reviews.

Manufacturing: Quality improvement in manufacturing, Automated manufacturing processes, Robotics, Process parameter optimization, Flexible manufacturing process, Composites Micro/Nano materials, Ceramics, Reverse engineering, Manufacturing process simulation, Advanced manufacturing technology, Precision manufacturing and measurement, Recycling and remanufacturing, etc.

Processing: Casting, Welding, Metal forming, Metal machining, Plasma processing, Laser processing, Changing the properties of materials, Rapid solidification techniques, Processing of Nano materials, Powder metallurgy, various thermal engineering aspects, etc.

Testing: Destructive and Nondestructive testing, evaluation of materials, Materials characterization using XRD, SEM, TEM, etc.

Important Dates

Full paper submission till	22 nd March, 2016
Acceptance Notification	26 th March, 2016
Full Camera Ready Paper	30 th March, 2016
Registration	Up to 9 th April, 2016

Submission Details

The Original unpublished Research Papers on the topics related to the theme are invited for presentation/publication in the conference proceedings. Full papers in the format attached within 8 pages must be submitted through E-mail to tampnm2016@gmail.com. The selected papers on the basis of technical quality, originality, significance, and clarity after peer review process shall be considered for publication in the conference proceedings.

Registration

To ensure publication of a paper in the Proceedings, at least one author has to register by submitting a normal registration fee within deadline as indicated below. The over-length charge (more than 8 pages) is Rs. 800 per extra page for a maximum of two extra pages. The format of paper can be obtained from the university web site. Spot registration is also acceptable with an extra charge of Rs. 100. For further details about the registration process please contact Dr. Mihir Kumar Sutar, E-mail ID mihirsutar05@gmail.com & Dr. B. B Pani, E-mail ID bibhuti89@yahoo.co.in.

Research Scholars & Students	: 500/-
Academics	: 500/-
Industry participants	: 800/-
Co-Authors/Listeners	: 500/-

Registration fee can be paid through DD in favor of Organizing Secretary, TAMPNM-2016 payable at Burla.

Note: The registration fee includes participation in the conference, publication in proceedings, Breakfast, Lunch for 2 days, Conference kit etc.