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### Local Organizing Committee

#### Convener

Mr J.P.Bhol

Asst.Professor., ME, Synergy, Dhenkanal

#### Co-Convener

Mr Priyabrat Pradhan

Asst.Professor., ME, Synergy, Dhenkanal

### Call for Papers

In addition to the invited papers, contributed papers on all aspects of Materials and Manufacturing Technology will be accepted. The primary themes of the conference cover a broad range of topics on New materials available, processes to manufacture and fabricate the materials. The main topics include, **Ceramics, Composite material, Nano materials, Forming**

Methods and Powder Metallurgy Technique, Radiant Energy Welding Techniques, Innovative Casting methods and software used in Casting, Equipment for the new trends in Manufacturing Process, Automation of Process Industries Lean Manufacturing, Concurrent Manufacturing, Process Planning, Quality Improvement and Zero Waste Manufacturing.. Full length papers should be prepared in Microsoft Word document as per the in IEEE format. Full papers may be sent to the convener before the schedule date to include it in the conference proceedings.

### Conference Registration

Delegates from Academic Institutes Rs.500.00

Delegates from Industries: Rs.1000.00

Student Delegates: Rs 200.00

Registration fee is to be paid in the form of DD in favour of Principal, Synergy Institute of Engineering & Technology, payable at Dhenkanal. The registration fee includes conference kit, lunches & refreshments.

### Important Dates

Jan 30,2017: Abstract submission

Feb 01, 2017: Notification of acceptance

Feb 05, 2017: Final submission deadline

### Correspondence

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National Seminar

On

**Recent Trends in Materials  
and**

**Manufacturing Process  
(RTMMP 2017)**

**FEB 22, 2017**



*Organized by*

**Department of Mechanical Engineering  
SYNERGY INSTITUTE OF ENGINEERING &  
TECHNOLOGY**

**DHENKANAL-759001, ORISSA**

## Scope of Conference

The most significant development in India's development environment in the last decade is the realization that in order to survive in today's cost conscious customer driven world, all business strategies and processes have to be built around what the customer really wants. Hence, in this context overall sustainable growth of Industry and Educational Institutions lies on quality and productivity improvements and the methods to implement those.

This seminar aims to provide awareness of recent trends in Manufacturing and Quality Engineering. It will help the leaders in Industry and Academics to formulate the long term research goals in the area of manufacturing and quality engineering, particularly innovative manufacturing processes, equipment, new quality initiatives and strategies to enhance respective process capabilities while taking into account impacts on industrial ecology. A diverse group of individuals from both academia and industry will come together to discuss the future manufacturing and quality engineering challenges and research needs from industrial perspective.

## Synergy Group of Institutions

Synergy group of institutions, with its two sister organizations i.e. Synergy Institute of Engineering & Technology (SIET), Dhenkanal & Synergy Institute of Technology (SIT), Bhubaneswar, are under Shivani Educational Charitable Trust. SIET, Dhenkanal, is 70 km away from Bhubaneswar and has started functioning in 1999. It was the first engineering college in Eastern India to get the ISO 9001:2000 Certification for its quality education & service and also achieved the Accreditation from NBA (AICTE, New Delhi) for all its major departments in the year 2009. Synergy, Dhenkanal is also NAAC accredited since 2014. During the last 17 glorious years it has achieved many coveted distinctions & served thousands of direct & indirect beneficiaries through lucrative placements across the globe. With the experience gained over the years, the Synergy group has

expanded its activity to Bhubaneswar, by opening an under graduate Engineering College named Synergy Institute of Technology (SIT) in 2009 at Phunakhara, Bhubaneswar. Synergy group of Institution has added another organization, CBSE pattern school under its belt namely DPS, Dhenkanal since 2014.

## Department of Mechanical Engineering, Synergy, Dhenkanal

Department of Mechanical Engineering was established in 1999. It is well equipped with modern laboratories and other facilities which are being utilized for under graduate, postgraduate courses and also R&D works by the faculty and students. Students are encouraged to undertake projects using CAD/CAM, Solid Works, Edge CAM, ANSYS, FEM, MATLAB and AutoCAD. In addition to the postgraduate course in Production Engineering, another PG course in CAD/CAM is proposed to be started from next academic session. The department has established an advance manufacturing lab with equipments such as CNC, Milling, Turning and 6X Robot, integrated as a FMC, with the financial help from AICTE.

## Venue of the Conference

**Synergy Institute of Engineering & Technology, Dhenkanal.**



## REGISTRATION FORM

**National Seminar  
On  
Recent Trends in Materials and  
Manufacturing Technology  
(RTMMP 2017)**

**(22, Feb, 2017)**

1. Name: \_\_\_\_\_

2. Designation: \_\_\_\_\_

3. Specialization: \_\_\_\_\_

4. Department: \_\_\_\_\_

5. Organization: \_\_\_\_\_

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7. Demand Draft Details

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