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# A National Conference on **MATERIALS & MANUFACTURING** **(NCMM-2017)** Dec 22 - 23, 2017



Organized by



## DEPARTMENT OF MECHANICAL ENGINEERING

GITAM Institute of Technology

GITAM Deemed to be University

(Estd. u/s 3 of the UGC Act, 1956)

Accredited by NAAC with 'A+' Grade

Visakhapatnam - 45

## ABOUT THE DEPARTMENT

Established in the year 1980, The Department of Mechanical Engineering offers an UG program, two PG programs and a Ph. D program as well. The department has experienced faculty and well-established laboratories. The Department has liaison with reputed industries and R&D organizations like DRDO, NSTL, and HPCL etc. Presently the department is handling several R & D projects and consultancy works. The Department focuses on guiding the students towards discipline and responsibility, thus aiding in the development of model citizens for the society. The Institute has a strong alumni base that who are occupying leadership positions in government, administration, industry and research organizations across the globe. The Institute has been giving top priority to establish and strengthen a network of alumni, associating them in the academic activities particularly in curriculum design and campus placements.

## ABOUT GITAM INSTITUTE OF TECHNOLOGY

GITAM Institute of Technology (GIT) was established in the year 1980. Over the years the Institute made a niche in engineering education at the all India level as certified by various bodies over a period of time. With a complement of highly qualified teachers, skilled technical staff, state-of-the-art laboratories and learning resources, GIT is globally recognized as a premier institute in technology and engineering. Many faculty members have made significant contributions both at the National and International levels. The faculties are active in research and have published a good number of research papers with high impact factor and undertook several research projects funded by UGC, DST, DBT, FST, HPCL, DRDO, etc. The Institute has successfully completed a good number of consultancy assignments in government, public and private sector organizations, such as Visakhapatnam Port Trust, Steel Plant, HPCL, etc

## ABOUT NCMM-2017

The National Conference on Materials and Manufacturing, NCMM 2017, will be a forum to bring together the users, manufacturers, designers and researchers involved in structures or structural components manufactured using different materials using different manufacturing methods. This conference would provide an opportunity for the exchange of the researches and insights from scientists and scholars, and promoting research, development and use of different materials in various applications.

## CONFERENCE TOPICS

The conference is assembled to present and promote wide-ranging research of the following areas but not limited to:

### (i) Materials:

**Materials Development, Analysis, Modeling, Testing** (this includes ferrous/non-ferrous materials, Polymer, Ceramic, Metal matrix composites, Fiber reinforced composites, Nano composites, Bio composites, Porous and cellular materials, coatings and thin film).

### (ii) Manufacturing:

**Manufacturing Practices, Process, Simulations and Methodologies** (including forming, joining, assembling, lean manufacturing) **Advanced manufacturing processes**, (including mechanical, chemical and thermal processes, additive manufacturing, advanced embossing, casting, forming and molding processes at all scales, Manufacturing process monitoring, control and automation, Tribology and wear issues relevant to manufacturing processes, welding, joining etc.)

All submitted papers should report original, previously unpublished research results, experimental or theoretical, and will be peer-reviewed. Articles submitted to the conference should meet these criteria and must not be under consideration for publication elsewhere.

## REGISTRATION FORM

The registration form for the **National Conference on Materials & Manufacturing (NCMM-2017)** can be downloaded from [www.ncmm2017.gitam.edu](http://www.ncmm2017.gitam.edu) website. The paper template can be downloaded from the same website.

## IMPORTANT DATES & REGISTRATION

Submission of full length paper : 27-11-17  
Notification of acceptance : 05-12-17  
Submission of revised paper : 10-12-17

It is mandatory to register at-least a single author for paper. Only the registered papers will be published in the proceedings of NCMM-2017.

## FEE DETAILS

Registration Type	Amount
Delegates from academic institutes	Rs 2000
Delegates from Industry	Rs 2500
Student delegates	Rs 1000
Accompanying persons	Rs 500

The registration fees includes: Conference Kit (Includes Proceedings, Book of Abstracts, Information booklet, pen and a notebook), accesses to all sessions, Poster sessions, Lunches, coffee and snacks. The registration fees shall be paid in the form of a Demand Draft (DD) in favor of NCMM 2017, payable at Visakhapatnam and sent by post along with the registration form to the organizing secretary.

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