



National Level Symposium
on

Materials Characterisation and Manufacturing (MCM-2016)



Organised by

**Department of Mechanical Engineering
P. C. College of Engineering, Verna, GOA – 403722**

In collaboration with

**Department of Physics, Goa University, Taleigao Plateau
GOA – 403206**

Date: 18th & 19th August 2016

Venue: Goa University



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Goa University

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P. C. College of Engineering, Verna, Goa

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Conveners:

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Dr. R. B. Tangsali, Professor & Head
Department of Physics, Goa University, Goa

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Co-ordinator: **Dr. Jagannath Hirkude**

Associate Professor & Head
Dept. of Mechanical Engg., PCCE, Verna, Goa

Registration Fee:

Participants from Academia : Rs. 2000/-

Student/Research Scholar : Rs. 1000/-

Participants from Industry : Rs. 3000/-

Last Date for Registration: 30/06/2016

Website: www.pccegoa.org/MCM-2016

**Padre Conceicao College of Engineering, Agnel Technical Education Complex, Verna, GOA – 403722
Goa University, Taleigao Plateau, GOA - 403206**

Organising Committee:

Faculty, Dept. of Mech. Engg., PCCE, Verna, Goa:

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Mr. Dattaprakash Vernekar, Assistant Professor

Mr. Raghavendra Kamath, Assistant Professor

Mr. Marvin Fernandes, Assistant Professor

About Goa:

Variously known as "Pearl of the Orient" and a "Tourist Paradise", the state of Goa is located on the western coast of India in the coastal belt known as Konkan. The magnificent scenic beauty and the architectural splendours of its temples, churches and old houses have made Goa a firm favourite with travellers around the world.

About Goa University:

Goa University, established in June 1985 by an Act of Goa Government, is located on a picturesque campus spread over 427.49 acres area of Taleigao Plateau overlooking the Zuari Estuary, within close vicinity of the capital city of Panaji, in North Goa. Besides being the most important location for post-graduate studies, it also serves as the academic nerve-centre of the higher education system in Goa. Today Goa University, is a university of affiliated colleges, 55 of which are distributed across Goa, 30 in general education, 25 in professional education. Presently, Goa University has 12 faculties of which 6 faculties operate on the campus with 24 Departments and 3 Research Centers that offer post-graduate education in the State of Goa.[Ranked 14th among the Top Universities of India (India Today - AC Nielsen, 2014) and All India Rank 20th by NIRF of MHRD].

About P. C. College of Engineering:

The college was established in the year 1997 to meet the growing needs of technical man power of Goa as well as other parts of the country. College is named after Fr. Conceicao Rodrigues, a patriot and founder of Agnel Ashram, who passed away in 1984 after making a notable contribution in the field of Technical education at national level. It is the first private engineering college to be established in the State of Goa, being run on self-financing concept. The college imparts technical education that is practical oriented with emphasis on self-employment. The college is affiliated to Goa University and all the programmes are approved by All India Council for Technical Education (AICTE), New Delhi.

About the Programme:

A critical feature of successful product development is the judicious selection of the best material, based on an informed awareness of its capabilities and coupled with manufacturing that takes full advantage of those capabilities. Materials characterization is an important area of fundamental and technological interest, without which no scientific understanding of engineering materials capability could be ascertained. Characterisation in manufacturing, ranges over various length scales from atomistic or nano-scale to macroscopic dimensions. The objective of the symposium is to create a cross disciplinary summit that lends itself to the integration of research and education in the vital field of processing/manufacturing and characterization of materials. In addition to contributory papers from researchers from all over the country, the symposium aims at bringing together eminent speakers from premier academic institutions, industries and research organizations for sharing their knowledge and expertise to inspire & encourage the younger audience.

Major topics include but not limited to:

Materials characterisation
Advanced Materials and composites
Computational models and experiments
Failure analysis in manufacturing
Materials for Manufacture
Conventional & Non-conventional Manufacturing
Bio-manufacturing & characterisation
Modeling and Optimization
Materials characterization for industrial application
Characterization of welding and joining materials

Call for Paper:

Papers are invited from prospective authors from industries, academic institutions, R&D organizations and professional engineers. Interested authors may submit the abstract of about 300 words to the Convenor of the symposium through e-mail. Authors are requested to use MS-Word, 12 Point and Times New Roman font with single line spacing. The affiliation of the authors and e-mail id of the corresponding author should be mentioned in the abstract.

Note: In case of papers with multiple authors, at least one author of the paper should register for presentation. If more than one author is interested in participation, individual registration is compulsory. Abstracts of only pre-registered papers will be published in the abstract book.

Boarding and lodging will be provided to limited numbers of participants at nominal rates on a first come first served basis at Goa University Guest House. Goa has several luxury as well as budget hotels to suit every requirement. Accommodation may be booked directly by the delegates well in advance. No TA / DA will be provided.

The registration fee is to be paid through DD drawn in favour of "Director, Padre Conceicao College of Engineering, Verna, Goa" payable at Margao.

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on
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Registration Form

Name:.....

Sex: Male / Female

Age.....

Designation:.....

Department:.....

Organisation:.....

Address:.....

.....

Phone: Mobile: Fax

E-mail:

DD NO. : Dated ____/____/____ drawn on for Rs...../-

Signature of the Applicant:

Forwarded by the Head of the Department / Institution

This is to certify that Dr./Prof./Mr./Ms. is a faculty / research scholar of our Institution and is being sponsored /allowed hereby for attending the National Level Symposium on “Materials Characterization and Manufacturing (MCM-2016)” to be held at Goa University during 18th & 19th August 2016.

Signature of the Head of the Department / Institution with Seal