

IMMM 2017

INTERNATIONAL
CONFERENCE ON
MATERIALS MECHANICS
AND MANAGEMENT



CONFERENCE SECRETARIATE

Chief Patron

Dr. K. P. Indira Devi
Director of Technical Education, Govt. of Kerala

Chair Person

Dr. K. C. Raveendranathan
Principal
College of Engineering Trivandrum.

Organising Secretaries

Dr. Sheela Evangeline Y.
Dr. Raj Kumar M.R.
Prof. Saritha G. Parambath

Treasurer

Prof. Vineetha S. Das
Dr. Johnson T. T.

Organising Committee

Dr. Ajitha B. Bhaskar
Prof. Sajikumar
Prof. M. Unnikrishnan
Dr. Sabu K.
Dr. Deepa Raj
Prof. Shailaja Nair
Dr. Binu Sara Mathew
Prof. Thulaseedharan Nair
Dr. Abhilash Surayan R.
Dr. Mini Soman
Dr. Baiju Basheer
Dr. Renjith S. Kumar
Dr. Jaimon Cletus
Dr. M. S. Grirish
Dr. Anjan S. Nair
Prof. Sunitha S.
Prof. Ajitha A. R.

Advisory Committee

Prof. G. V. Rao, Former Professor, IIT Delhi
Dr. Kuncheria P. Isaac, V.C, KTU
Dr. Shobha K. Bhatia, Syracuse
University, New York
Dr. G. L. Sivakumar Babu, IISc, Bangalore
Dr. G. V. Ramana, IIT Delhi
Dr. Tom V. Mathew, IIT Bombay
Dr. Raj Kurup, University of Western Australia
Prof. Gopu Potty, URI, USA
Dr. J. S. Vinod, UOW, Australia

Prof. Shahu J.T., IIT Delhi
Prof. Alappat B.J., IIT Delhi
Dr. Chitra R., CSMRS New Delhi
Ar. G. Sanker, Habitat Technology Group,
Trivandrum
Dr. Pushplata, IIT Roorkee
Dr. Padmavathi, JNA & FAU, Hyderabad
Dr. Meena Kumari, SAP,
Anna University, Chennai.
Prof Kulbhushan Jain, CEPT University
Ahmedabad
Dr. Abdul Razak, SPA, Vijayawada
Ar. Praveen Chandra, Architect, Kannur
Prof. Somchai Wongwises, King Mongkut's
University, Thailand
Prof. G. Rajeesh, IIT Madras
Prof. Kyung Chun Kim
Pusan National University, Republic of Korea
Prof. L. Godson Asirvatham
Karunya University, Coimbatore
Prof. Shanmugam Dhinakaran,
IIT Indore
Prof Moo- Yeon Lee
Dong -A University, Republic of Korea
Prof. Praveen Krishna, IIST, Trivandrum
Prof. C.Balaji, Heat Transfer Lab, IIT Chennai
Prof. Anil Lal S., GEC Barton Hill
Prof. G. Venugopal, Aerospace Department,
GEC Thrissur
Prof. A.Sameen, IIT Chennai
Prof. K. Arul Prakash, Applied Mechanics,
IIT Chennai



3rd International Conference on Materials Mechanics and Management 13,14 & 15 July 2017



Organisers:
Department of Civil Engineering
Department of Mechanical Engineering
Department of Architecture

College of Engineering Trivandrum
Thiruvanthapuram 695016
Kerala, India
<http://immm.cet.ac.in>



IMMM 2017

Kerala – A Profile

Kerala, a narrow strip of land situated at the south western coast of India, is a scenic land of coconut trees, cool backwaters, lush hills and green landscape – a state of natural splendour.

The state is a fine blend of the classic and contemporary, with a wonderful kaleidoscope of fascinating history, rich culture, unique architecture and interesting customs. Thiruvananthapuram, formerly known as Trivandrum is the capital and the largest city of Kerala. It is located near the extreme south of Indian main land and was referred to by Mahatma Gandhi as the "evergreen city of India". It is a classified Tier-II city and also contributes 80% of states software exports.

College of Engineering Trivandrum

The College of Engineering, Trivandrum, commonly known as CET, is the first engineering college in Kerala, founded in 1939 during the reign of the Travancore King, Sree Chithira Thirunal Balarama Varma.

The college is situated near Sreekariyam, 12 kms from Thiruvananthapuram Central railway station.

The institution offers eight Under Graduate programmes and 27 Post Graduate programmes, of which most of them have been accredited by National Board of Accreditation (NBA).

The college also offers under graduate and post graduate programmes for working professionals by way of evening courses. In addition, CET is a Quality Improvement Programme (QIP) centre of AICTE, thereby, contributing to research in technology.

About the Conference

The developments in the field of materials, mechanics and management have paved the way for overall upliftment in all walks of human life. The quest for meeting the necessities of the rapidly increasing population has led to the revolutionary construction and production technologies aiming at optimum management of natural resources. College of Engineering Trivandrum is organizing the 4th International Conference on Materials, Mechanics and Management, IMMM 2017. The conference is jointly organized by the Departments of Civil Engineering, Mechanical Engineering and Architecture. The aim of the conference is to provide a platform for bringing together researchers, practicing engineers, architects, faculty and students.

Original research articles on any of the following themes are invited from professionals, researchers, academicians and students. **Selected papers will be published in the Scopus Indexed proceedings of Taylor & Francis group.**

Conference Themes

Mechanical Engineering : Heat Transfer and Fluid Dynamics, Industrial Engineering and Management, Manufacturing Engineering, Design Engineering.

Civil Engineering : Natural Hazards and Mitigation, Water Resources Management, Hydro Informatics, Coastal and River Management, Traffic and Transportation Planning , Pavement Engineering, Environmental Management, Geotechnical and Geoenvironmental Engineering, Engineering Geology, Materials for Construction, Steel Structures, Smart Materials and Structures, Earthquake Resistant Structures, Offshore Structures, Non Destructive Testing, Repair and Rehabilitation

Architecture : Vernacular Architecture, Eco-Architecture, Bioclimatic Architecture, Heritage Conservation, Urban Studies, Urban Planning, Sustainable City Planning, Housing and Environmental Planning.

Paper Format

Full length paper may be submitted by direct uploading to the conference website as per the guidelines /instructions to authors.

Registration

At least one author should register for the conference for publishing the paper in the conference proceedings/journal

Registration Fee Details	Indian	Foreign
<u>Delegates from Academic/R&D</u>		
Institution/ Industry	Rs.6000	\$300
Student Delegates	Rs 3000	\$150
Accompanying person	Rs 2000	\$ 100

Accommodation

Accommodation if requested shall be arranged on payment.

How to Reach

The Institute is located at 12 kms from Trivandrum central railway station and Trivandrum KSRTC bus station. The Trivandrum airport is located 10km from the Institution. Sreekariyam is the nearest transport node.

Last date of full paper submission
15th April 2017
Intimation of acceptance
10th May 2017
Last date for registration
30th May 2017
Last date of submission of camera ready paper
30th May 2017

Address for Communication

Dr. Sheela Evangeline Y.
Department of Civil Engineering
College of Engineering Trivandrum
Phone : 9895217551
Email:sheelaey@cet.ac.in

Dr. Rajkumar M.R.
Department of Mechanical Engineering
College of Engineering Trivandrum
Phone : 9947767470
Email:rajkumar@cet.ac.in

Prof. Saritha G.Parambath
Department of Architecture
College of Engineering Trivandrum
Phone : 9495909828
Email: sarithag@cet.ac.in