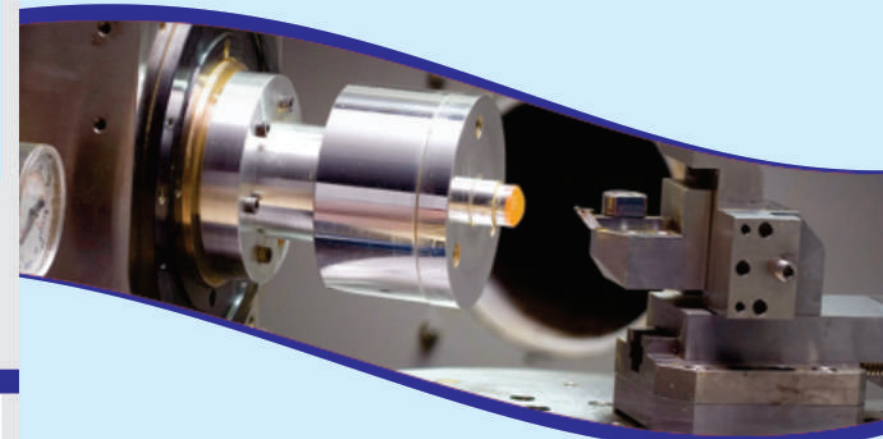


February 25-27, 2016

under the aegis of

SOMME

(Society of Materials and Mechanical Engineers)

**AFTMME-16**

Organized by:

**BABA FARID COLLEGE
OF ENGINEERING AND TECHNOLOGY**
Bathinda, Punjab (INDIA)

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HISTORY

International Conference on Advancements and Futuristic Trends in Mechanical and Materials Engineering (**AFTMME**) is the flagship conference of India in the area of Mechanical Engineering being organized every year, starting from year 2012. Since its inception, **AFTMME** has grown in strength and stature. It has become a regular forum for researchers, students and engineers to present and exchange ideas in latest technological advancements and innovations in the areas of Manufacturing and Materials Processing, Thermal Spray Processes, Fluid Dynamics and Thermodynamics. Well-planned pre-conference tutorials, technical paper sessions, plenary talks by experts and industrial exhibitions are the salient features of this series of conferences. Over the years, **AFTMME** has witnessed progressively larger participation of faculty of institutes of repute like IISc, IITs and NITs.

In previous years, **AFTMME** was organized at I.K.Gujral Punjab Technical University, Jalandhar, Punjab, but to take this event to another heights, from this year onwards **AFTMME** is going to be organized on rotation basis in the campuses of Engineering Colleges of repute in association with Society of Materials and Mechanical Engineers (**SOMME**).

ABOUT SOCIETY

Society of Materials and Mechanical Engineers (**SOMME**) has been founded and formed under the dynamic and prominent academicians Dr. Satya Prakash, Emeritus Fellow, IIT Roorkee as Patron of society and Dr. Buta Singh Sidhu, Dean Academics, IKGPTU as President of society. The objective of the society is to promote research and development activities in the field of materials and mechanical engineering for the growth of society in this technical era.

ABOUT THE CONFERENCE

The 4th International Conference **AFTMME-16** is being organized by Baba Farid College of Engineering and Technology, Bathinda, Punjab from **25th to 27th February, 2016** in collaboration with **SOMME**. This conference will provide an opportunity to authors from all around the world to join in and share their vast experience & knowledge and discuss the practical challenges encountered and the solutions adopted in the field of materials and mechanical engineering. The researchers, academicians and professional practitioners (and sponsors) will exchange their ideas and experiences on latest research developments and cutting edge technology and will network with each other.

ABOUT HOST INSTITUTE

Baba Farid Group of Institutions is one of the premier institution present in Northern region of India, where scholarly activities and innovations are strongly appreciated & encouraged. It is managed by Baba Farid Vidyak Society founded in 1993 under the kind patronage of prominent educationists of Malwa region and under the dynamic leadership of its Chairman Dr. Gurmeet Singh Dhaliwal. The lush green campus is situated in **50 acres of land at Bathinda (Punjab)**. The institute offers more than 50 regular courses & has a strength of more than 10,000 students not only from State of Punjab, but also from different parts of the country. The Campus offers a host of hi-tech ultra modern facilities to ensure good quality &

Baba Farid College of Engineering and Technology is a constituent institute of BFGI and is approved by AICTE & affiliated to Maharaja Ranjeet Singh State Technical University, Bathinda. The college runs under graduate course of B.Tech. in the disciplines of CSE, ECE, IT, Civil, Mechanical & Electrical Engineering & post graduate course of M.Tech in CSE & ECE.

CALL FOR PAPERS

Original unpublished papers as per the conference themes are invited. The submission of research articles to the conference can be made online and not by e-mail. Authors are requested to go through the instructions/guidelines available at www.bfcet.com before preparations and online submission of articles/abstracts. Contribute to the conference by sharing your knowledge and ideas on the following topical areas proposed for year 2016 technical programme:

Thermal Spray Processes

- Thermal Spray Processes
- Coating Technology & Characterization
- Post Treatment of Coatings
- Bio Medical Coatings
- Nanomaterials/ Nano Coatings
- Tribology & Surface Engineering

Materials, Manufacturing and Processing

- Advanced Materials
- Manufacturing Techniques
- Composite/Smart Materials
- Non Destructive Testing
- Powder Metallurgy
- Manufacturing and Life cycle Engineering
- Materials Processing
- Welding Technology
- Modern Machining Methods
- Polymer Processing Science and Technology
- CAD/CAM

Fluid Dynamics and Thermodynamics

- Aerospace Heat Transfer
- Air Conditioning and Refrigeration
- Biofuels and Internal Combustion Engines
- Boundary Layer and Free Surface Flows
- Computational Heat Transfer
- Geo-Thermal Science
- Nuclear Technology
- Solar Technology
- Heat Transfer in Manufacturing and Materials Processing

Papers received in the conference will be reviewed by technical review committees of the conference and the authors of the accepted papers will be invited for presentation of the paper in the conference. All submitted papers will have opportunity to be considered for “**International Journal of Surface Engineering and Materials Technology**” (**IJSEMT**) published by IKGPTU and other reputed refereed journals. The selection will be carried out during the review process.

Visit our website www.bfcet.com regularly for up to date information and the confirmed technical programme, author information and current schedule.

IMPORTANT DEADLINES

Event	Last Date
Abstract Submission	December 10, 2015
Abstract Acceptance	December 15, 2015
Manuscript Submission	January 10, 2016
Registration	February 20, 2016

REGISTRATION FEE

INTERNATIONAL DELEGATES

Category	Fees	
	Society Member (SOMME)	Non-Society Member
Academicians/Faculty/R&D Organizations	\$500	\$600
Research Scholar (Full time Ph.D Scholar)	\$300	\$350
Students (UG/PG)	\$200	\$250
Manufacturers/Suppliers/Corporates	\$1000	\$1500

NATIONAL DELEGATES

Category	Fees	
	Society Member (SOMME)	Non-Society Member
Academicians/Faculty/R&D Organizations	Rs. 2000/-	Rs. 3000/-
Research Scholar (Full time Ph.D Scholar)	Rs. 1500/-	Rs. 2000/-
Students (UG/PG)	Rs. 1000/-	Rs. 1200/-
Manufacturers/Suppliers/Corporates	Rs. 4000/-	Rs. 5000/-

Additional Fee (after 20th Feb. 2016) *Rs. 1000/- for National Delegates*
\$100 for International Delegates