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Bangalore is among world's fastest growing Cosmopolitans today, and is home to many high tech industries in India. Rightly acknowledged as the Intellectual Capital of India, it is home to some of India's premier scientific establishments like the Indian Institute of Science, apart from being the country's aerospace engineering hub.

Bangalore is popularly known as the Garden City of India, due to its salubrious climate, picturesque parks, gardens and other scenic spots. Bangalore being the center of exports, its shopping arcades offers a wide range of selections for silk, sandalwood and inlay work in brass and rose wood. In addition, Bangalore showcases a fascinating confluence of cultures both of Karnataka and the country as a whole.

Bangalore is headquarters to several public sector units and Governemnt R&D establishments like Hindustan Aeronautics Limited (HAL), Bharat Heavy Electricals Limited (BHEL), Bharat Electronics Limited (BEL), National Aerospace Laboratories (NAL-CSIR), Defence Research and Development Organisation (DRDO), Bharat Earth Movers Limited (BEML) and Central Power Research Institute (CPRI). The Indian Space Research Organisation (ISRO) established under the Department of Space is headquarterd in the city. Bangalore is also called the "Silicon Valley of India" because of the large number of Information Technology companies located in the city.



ISAMPE National Conference on Composites: INCCOM-15 (CSIR Platinum Jubilee Year 2016-17)

Theme

**“Emerging Trends in Design and
Development of Composite Materials and
Structures”**

**March 2-3, 2017
CSIR-National Aerospace Laboratories
Bangalore-560017**

Venue
HMA auditorium, Old Airport Road, Bangalore

Organised by

**Indian Society for Advancement of
Materials and Process Engineering
Bangalore Chapter**

In Association with
**National Aerospace Laboratories (CSIR-NAL)
Bangalore**

www.isampe.org

ISAMPE

Indian Society for Advancement of Materials and Process Engineering (ISAMPE), founded in September 1985, is a professional body dedicated to the promotion of Materials and Process Technologies in the country, with special emphasis on composites. It aims at establishing a scientific and organized approach to advancements and applications in the field through conferences, workshops, education, research, compilation and dissemination of information as well as training and interaction among the professionals from a wide spectrum of disciplines involved. Its major goal is to bring together R&D institutions and industry together. ISAMPE, headquartered at Bangalore has local chapters at Bangalore, Pune, Trivandrum, Coimbatore, Hyderabad and Kanpur.

NAL

The National Aerospace Laboratories (NAL) was established in 1959 under the Council of Scientific and Industrial Research (CSIR), and this year CSIR is celebrating its Platinum Jubilee Year during 2016-17. Over the past decades, NAL has successfully contributed to the growth of aerospace R&D activities in the country and in particular to the projects of national importance in the defense and space sectors. This has been done through building up of expertise and establishing various facilities. NAL has also taken up the mandate for the design and development of small civil aircraft for the country's needs. As a result of its successful efforts and significant contributions, NAL has come to be recognized internationally as a major center for aerospace research and development activities.

INCCOM-15

From the Year 2002 ISAMPE has been organizing annual conference (ISAMPE National Conference on Composites – INCCOM) to explore the ongoing research in processing and characterization of composite materials and also their potential application for the future. As part of CSIR's Platinum Jubilee celebrations, ISAMPE Bangalore chapter, in association with NAL, is hosting the next INCCOM conference (INCCOM-15) at Bangalore. The main theme of this conference is "Emerging Trends in Design and Development of Composite Materials". The conference will provide a forum for R&D organizations, Academia and Industrial Agencies to exchange information on

the latest advances in composite materials and to explore networking possibilities to achieve technological advancement on a global scale. This Conference will also showcase the Aerospace Technologies of NAL.

The Conference will comprise of keynote addresses, invited lectures, and contributed papers as well as exhibits from Industries. Also, poster session for students is contemplated.

Areas of Interest

Significant research findings, R&D trends, and future prospects of science and technologies are solicited in the area of composites including,

- Synthesis and Processing of composites
- Composite Tooling and manufacturing
- Physical and Chemical Characterization
- Non-Destructive Testing and Analysis
- Mechanical Characterization
- FEM in Design of Composites
- Repair and Recycling Technologies
- Composites Structures and Health Monitoring
- Nano-composites
- Surface coatings
- Electromagnetics in radome technology

For more details please visit the website www.isampe.org

Call for Papers

Authors are invited to electronically submit abstracts of their original work written in English in the areas of interest to the conference. The abstract is to be of approximately 250 words. Abstract to be submitted as an e-mail attachment to inccom15@nal.res.in.

All the submitted abstracts will be peer reviewed and authors of selected abstracts would be requested to submit the full length paper. The papers selected would be published in the conference proceedings (CD). Besides, a

souvenir containing abstracts would also be brought out.

Important Dates

Receipt of Abstracts:	Dec.30, 2016
Acceptance of Abstracts:	Jan 15, 2017
Final Paper Submission:	Feb 20, 2017
Advance Registration Closing	Feb 10, 2017
Conference Dates:	March 2-3, 2017

Registration

Registration Fee

ISAMPE members	Rs. 5000
Individual / Industry	Rs. 6000
Other professional body members	Rs. 5000
Students	Rs. 1000

Registration fee includes a copy of the conference proceedings (CD), participation in technical sessions, refreshments, lunch during sessions and a conference banquet.

Mode of payment

Payments should be made through crossed demand draft drawn on any nationalized scheduled bank in favour of "Convener, INCCOM-15", payable at Bangalore and sent to the convener of the conference.

Website

For detailed information, online pre-registration and updates, please visit the conference web site linked to www.isampe.org

For details contact

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