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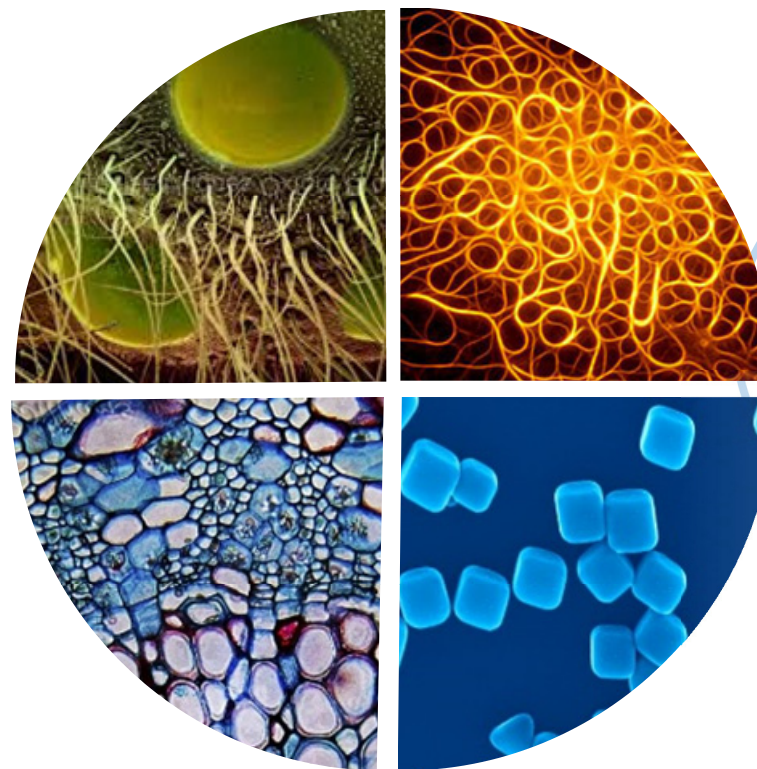
**Convener** Prof. O. P. Pandey, DoRSP, Thapar University

**Co-Convener** Dr. Gobardhan Lal, DMSRDE, Kanpur

**Organizing** Dr. B. N. Chudasama, Thapar University

**Secretary** Dr. K. N. Pandey, CIPET, Lucknow

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**CALL FOR PAPERS**

ONLINE ABSTRACT SUBMISSION

Jan. 29, 2016

ACCEPTANCE NOTIFICATION

Feb 06, 2016

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2<sup>nd</sup> Conference  
on  
**MICROSCOPY IN MATERIALS  
SCIENCE**

and 2<sup>nd</sup> Annual Meeting of  
Academy of Microscope Science & Technology (AMST)

**Feb. 25-27, 2016**

THAPAR UNIVERSITY, PATIALA

[www.thapar.edu](http://www.thapar.edu)

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ACADEMY OF  
MICROSCOPE SCIENCE  
AND TECHNOLOGY



MATERIALS SOCIETY OF INDIA  
PATIALA CHAPTER

## ABOUT THE CONFERENCE

Intense research in recent years has culminated in rapid progress in science and technology that affects every sphere of human life. Development of multifunctional materials and miniaturization of devices have been the keys to this remarkable stride. While our understanding of the fundamentals of materials continue to improve, the techniques and instruments to study and design them become more complex and challenging. It is only through the sophisticated instrumentation we know of materials what we know now. It is important that the multifunctional materials be conditioned to possess diverse properties; the analysis, characterization and to establish operational mechanisms and reliability of the systems are equally critical and thus, role of the analytical instruments becomes even more inevitable.

This conference intends to bring together the researchers working in the areas of materials science, life science and instrumentation. The main focus of the conference is to disseminate the recent advances in microscopy in development of multifunctional materials, and their role and requirement in life sciences.

## ABOUT THE AMST

The Academy of Microscope Science and Technology (AMST) is constituted to provide a common platform to the researchers to share their knowledge and extend collaboration, so that the multidimensional growth could be achieved in main three branches of science & technology, i.e., materials science, life science and instrumentation. The society provides help to the researchers involved in indigenous development of instruments to facilitate R& D activities.

## ABSTRACT SUBMISSION

An abstract of maximum of 200 words should be submitted *online*. It should contain the title, name of the authors, affiliation of the authors and the abstract of the work.

**The online abstract submission form is available at [www.thapar.edu](http://www.thapar.edu).**

For any difficulty in online submission of the abstract, please contact the organizing secretaries by email to [amstconference2016@thapar.edu](mailto:amstconference2016@thapar.edu) and phone numbers +91-1752393893 and +91 - 9838036056.

You are requested to visit [www.thapar.edu](http://www.thapar.edu) for updates.

## TOPICS

(The conference will include, but not limited to, the following topics.)

### Materials Science & Life Science

1. Multifunctional materials
2. Ceramics
3. Polymers
4. Blends & Composites
5. Thin films & Interfaces
6. Energy materials
7. Nuclear materials
8. Textile materials
9. Ion-irradiated materials
10. Bio-nanotechnology, Drug delivery system
11. Carbon Nanotubes & Graphene
14. Tissue engineering

### Microscopy & Allied Technology

1. Electron microscopy
2. SPM
3. STM
4. X-rays & Laser tomography
5. XPS & UPS
6. AES
7. Cryo-microscopy
8. Confocal microscopy
9. Ellipsometry
10. Ion beam techniques (RBS, PIXE, SIMS)
11. LIBS
12. Soliton force microscopy

## REGISTRATION DETAILS

Delegates (AMST member)	: Rs. 3000
(Non-AMST member)	: Rs. 4000
Students (AMST member)	: Rs. 1500
(Non-AMST member)	: Rs. 2000
Delegates from industry	: Rs. 10000
Accompanying delegates	: Rs. 2500

Registration fee is to be paid through a demand draft drawn in favor of **AMST 2016** payable at Patiala.

Registration fee must reach us by **Feb. 10, 2016**.

Online registration form is available at [www.thapar.edu](http://www.thapar.edu).

Registration fee does not include accommodation charges.

On request, rooms on payment basis can be arranged in hostels/nearby hotels.

