

## ABOUT MAIET, JAIPUR

Maharishi Arvind Institute of Engineering & Technology, Jaipur, established in 1999, is the first private engineering college in Jaipur, located in the heart of the city. The campus also houses Maharishi Arvind Institute of Pharmacy a Four Year B. Pharm & Two Year M. Pharm Programme, the Management Institute - Two Year MBA degree Programme.

Besides, it has established three more Engineering colleges at Jaipur & Kota namely, Maharishi Arvind International Institute of Technology, Maharishi Arvind College of Engineering & Technology and Maharishi Arvind College of Engineering & Research Centre and has introduced new Programme such as M.Tech. (Electronics/ Computer Science/ Civil/ Thermal/ Design) and Diploma in Engineering.

## ABOUT APPLIED SCIENCE

Applied science is a bridge that connects pure basic sciences like Physics, Chemistry, and Mathematics etc. with engineering practices. Faculty and students in applied science employ fundamental principles of the subjects of applied science to create innovative new technologies. The department considers committed and dedicated faculties as its core strength in providing value education with professional standards to the enthusiastic and vibrant student's community.

## CONFERENCE OBJECTIVE AND THEME

Theme of the conference is "Advances in applied Science" which provides valuable opportunity for researchers and developers to engage in scientific discussion about the current research. Our main objective is to promote scientific and educational activities towards the advancement of common man's life by improving the theory and practice of various

disciplines and sectors of Research Challenges in Applied Science. The Conference facilitates the exchange of new ideas in the fields of applied Science to create a new link between educators and technocrats to present and discuss practical challenges and the problems and solutions adopted in the field of Engineering and Technology. In last few years the Applied Sciences has become a very powerful platform to understand various subjects of Engineering that has changed the way of gaining the knowledge and is being used in Engineering.

- Nano Materials
- Semiconductor & Devices
- Photo Electronics & Photonic Devices
- Thin films
- Optical Fibre Communication
- Magnetic Materials & Materials for Optical Storage
- Renewable Energy
- Plasma Physics
- Laser Physics & Application
- Radiation Measurement & Protection
- Astrophysics
- Condensed matter
- Industrial Green Chemistry Convention & Ecosystem
- Chemistry of Glasses & Glass Formation
- Petroleum Phase Behaviour & Fuelling
- Bio-inspired Materials
- The Role of Chemistry in Inventing Sustainable future
- Green Chemistry And Engineering
- Calculus: Differential Equations & Integral Calculus
- Applied Mathematics
- Operational Research
- Probability & Statistics
- Game Theory & Graph Theory
- Computational Mathematics
- Numerical Analysis

## ADDRESS FOR CORRESPONDENCE

**The Convener,**  
National Conference on "Advancements in Applied Science"-  
**(AAS-2018),**  
Department of Applied Science,  
Maharishi Arvind Institute of Engineering & Technology,  
Sector-7, Madhyam Marg, Mansarovar,  
Jaipur, Rajasthan, India-302020

## PATRON

### Sh. Sanjay Prashar

Director, Maharishi Arvind Group of Institutions

## PRINCIPAL

Prof. (Dr.) Manish Bhargava

## ADVISORY COMMITTEE

Sh. Karni Singh Chouhan  
Prof. (Dr.) Manish Bhargava

Ms. Gargi Prashar  
Prof. (Dr.) Rajesh Asija

## NATIONAL ADVISORY COMMITTEE

Dr. Rajaraman Ganesh  
Scientist-G, IPR, Gandhinagar  
Prof. D. P. Tiwari, IIT, Delhi  
Prof. Animesh Jha, Univ. of Leeds, U.K  
Prof. A. K. Khare [Ex Prof. V C ]  
U.P.T.U Lucknow  
Prof. Vatsalya Mathur, MNIT, Jaipur.  
Dr. Sadhana Mathur  
Project Director-I DST(Raj)

Prof. Y. K. Vijay,  
V C, VIT, Jaipur  
Dr. Vivek Pandey,  
RTU, Kota  
Dr. Ramveer Singh  
Director, CCT, UoR, Jaipur  
Dr. S.D. Purohit, RTU, Kota  
Mr. Rajesh Sharma  
Senior Facilitators, South Africa

## CONVENOR

Ms. Gargi Prashar  
Prof. (Dr.) Manish Bhargava

## ORGANISING SECRETARY

Dr. Sarita Garg  
(HOD, Applied Science)  
Email : [sgargmaiet@gmail.com](mailto:sgargmaiet@gmail.com)

+91-9829148634

## TECHNICAL EXPERTS COMMITTEE

Prof. (Dr.) S. L. Maheshwari  
JNV, Univ. Jodhpur  
Ex. Prof. (Dr.) K.C. Jain  
MNIT, Jaipur  
Ex. Prof. (Dr.) Vinita Sareen  
UOR, Jaipur  
Ex. Prof. (Dr.) K. C. Swami,  
MNIT, Jaipur  
Ex. Prof. G. N. Purohit,  
Banasthali Univ.  
Dr. G. P. Singh, UOR, Jaipur  
Dr. Anurag Bagel  
Gautambudh Univ., Gaziabad

Mr. O. P. Sharma  
Director, PCE, Jaipur  
Prof. (Dr.) R. K. Jain  
SKIT, Jaipur  
Prof. K. S. Sharma  
Advisor, IIS Univ. Jaipur  
Dr. Sharad Pandey  
Banasthali Univ., Jaipur  
Dr. V. K. Saxena,  
UoR, Jaipur  
Dr. Geetanjali  
Banasthali Univ., Jaipur

## ORGANIZING COMMITTEE

Dr. Kashish Parwani  
Ms. Varsha Gupta  
Ms. Anjali Sharma  
Mr. Mandeep Singh  
Ms. Bhawna Gupta

Ms. Divya Saxena  
Mr. Dinesh Verma  
Mr. K. P. Saxena  
Mr. Ankur Singh  
Mr. Santosh Kumar

All Faculty Members, Department of Applied Science, MAIET, Jaipur.

## REGISTRATION FORM

(AAS-2018)

(All Entries to be filled in Block Letters)

Name Mr./Ms.....

Designation.....

Qualification.....

Institute/Organization .....

Mailing Address .....

District..... State.....

Mobile No.....

E-mail Id.....

IE (I) Membership No. (For Members only)

Title of Paper:

Presenting Paper: Yes NO

### Details of Registration Fee

Demand Draft No.	
Amount	
Bank Name & address	
Date	

(DD should be in favour of "Principal, MAIET" Payable at Jaipur)

Accommodation Required: Yes / No

Date:

Place:

Signature  
of Applicant

Signature & Seal of  
Sponsoring Authority

## CALL FOR PAPERS

Authors are invited to submit the Camera Ready copy of full length manuscript with abstract in MS-Word and PDF Format, through the e-mail- [sgargmaiet@gmail.com](mailto:sgargmaiet@gmail.com), not exceeding 6 pages. Please mention the subject area on which the research paper is suitable while sending the papers.

Paper format with Content Details	
Page Margin	A4 Size paper with Margin Top, Bottom, left, Right is 1" with Single column
Paper Fonts	Complete paper should be submitted in Times New Roman font
Paper Title	Centered paragraph, font size 18, bold, Capitalize
Author(s)	Full name and affiliation (Institution, City, Country, Email) – centered paragraph, font size 12, Not Bold
Paper Abstract	Describe your paper using between 200 and 300 words. Use italic font style, Font size 10, Not Bold
Keywords	Italic font, Font size 10
Content	Describe original solutions and experimental results analysis, Font size 10, Regular, Only Headings should be Bold
References	Use numbers enclosed in square brackets for each reference. All references have to be cited within the paper; otherwise they will be removed from the reference list, Font size 10

## IMPORTANT DATES

Details	Last Date
Last Date of Final paper Submission	13 Feb, 2018
Intimation of Final Acceptance for paper Publishing and Presentation	17 Feb, 2018
Last date for registration and receipt of registration fee	19 Feb, 2018

## REGISTRATION FEE

Industrialist, Institutional & other delegates	Rs. 1000/-
Faculty Members/Research Scholars	Rs. 700/-
Students	Rs. 500/-

## ACCOMMODATION

### Contact Person for Accommodation:

Mr. Dinesh Verma +91-9468779992

## National Conference On "Advances in Applied Science" (AAS-2018)

23<sup>rd</sup> & 24<sup>th</sup> February 2018



Supported by



Organized by

Department of Applied Science

**Maharishi Arvind**  
**Institute of Engineering and Technology**

(Approved by A.I.C.T.E.)

(Affiliated to Rajasthan Technical University, Kota)

Sector-7, Madhyam Marg, Mansarovar

Jaipur, Rajasthan-302020

Web: [www.maietindia.org](http://www.maietindia.org)