

# CONFERENCE SUMMARY REPORT

## (FIAM-2019)



**Department of Applied Sciences  
Galgotias College of Engineering and  
Technology,  
Greater Noida, India,  
(December 21-22, 2019)**

This report is based on a conference–FIAM 2019–that was organized by the Department of Applied Science, Galgotias College of Engineering and Technology at D-Block Auditorium, Plot 1, Knowledge Park-II, Greater Noida-201308 on 21st & 22nd December 2019. The event had truly demonstrated the importance of Mathematics in Industries and daily life as the theme of conference was ‘Frontiers in Industrial and Applied Mathematics’. This conference was organised in association with the FIAM group. This was the second conference of FIAM conference series.

The FIAM conference series was started by a group of faculty members working in different reputed institutes IIT's, NIT's and Central Universities of India. The FIAM conference is a major forum for presentation of technological progress and research outcomes in the area of Industrial and Applied Mathematics serving as a platform for exchanges between academia and industry. The first conference of this series FIAM-2018 ([www.fiam2017.com](http://www.fiam2017.com)) was organized by Department of Mathematics, National Institute of Technology Hamirpur, HP, India, in association with Indian Society of Industrial and Applied Mathematics (ISIAM) during April 26-27, 2018 at NIT Hamirpur. About 180 participants participated in FIAM-2018 from all over the world. The selected quality papers of FIAM-2018 were published in the “AIP conference proceedings, Volume no. 1975” and “Advances and applications in mathematical sciences, Volume no. 18, Issue 1”.

**The 2<sup>nd</sup> International Conference FIAM-2019 ([www.fiam2019.com](http://www.fiam2019.com)) of this series was successfully organized. About 200 delegates were registered from different parts of the country and abroad, however more than 200 delegates attended the event. The selected quality papers of FIAM-2019 were published in the “AIP conference proceeding.**

**Link of the proceeding: <https://aip.scitation.org/toc/apc/2253/1>**

The first day of conference started with welcome and Opening Ceremony at the Auditorium D-Block of the Department of Applied Science, Galgotias College of Engineering and Technology. The eminent educationist and a dynamic Administrator, **Professor R. S. Nirjar** (Former Chairman, AICTE) was present as the Chief Guest of the event. And **Professor A. H. Siddique**, an Indian Mathematician and the President of Indian Society of Industrial and Applied Mathematics (ISIAM) was Guest of Honor. They addressed to participants with short enlightening speeches

The opening ceremony had a special welcome from the **Dr. Rajesh Kumar Sharma** the Conference Chairman, (FIAM-2019 ), Assistant Professor, Department of Mathematics & Scientific Computing National Institute of Technology Hamirpur(Himachal Pradesh), India. Professor R. S. Nirjar and Professor A. H. Siddique also addressed the participants about the importance of mathematical research. They discussed many open problems and challenges in this field. The session was concluded with the vote of thanks speech to all delegates and participants by **Professor Rajesh Tripathi**, HOD Applied Sciences.



‘**Dr. Sanjeev Kumar**, IIT Roorkee’, ‘**Dr. Mani Mehra**, IIT Delhi’ , ‘**Dr. Dharmendra Tripathi**, NIT Uttarakhand’, ‘**Dr. Anupam Priyadarshi**, BHU’, **Dr. Mukesh Kumar Sharma** C.C.S Campus Meerut and ‘**Dr. Satish Kumar**, Panjab University’ delivered keynote talks on trending and recent research topics of interest.

To mark the 125<sup>th</sup> anniversary of the birth of the Indian mathematical genius **Srinivasa Ramanujan** , the second day of the conference was started with speech of **Dr. Satish Kumar** from Panjab University. He highlighted the work done by Ramanujan and inspired the participants.

This day Professor **J.C. Bhatia** senior professor and founder director Galgotias College of Engineering and Technology, Gr Noida attended the Valedictory session as the Chief Guest. After the oral feedback of participants **Dr. Deepak Kumar** gave vote of thanks to all delegates, participants, supporting staff, organizing team, college management and media persons.

At last, the organizing secretary of the conference, **Dr. Dushyant Kumar** (Assoc. Prof., Dept of Applied Sciences) expressed his deep gratitude to the staff and Faculty members of his department who worked extremely hard to make conference successful. And also the tender thanks were expressed to the students who did impressive and dedicated work.

Finally the conference was closed with heartiest thanks and congratulations by the conference chairman **Dr. Rajesh Kumar Sharma**.