



# AMITY UNIVERSITY

UTTAR PRADESH

2<sup>nd</sup> International Conference  
on  
“Future Learning Aspects of Mechanical Engineering”  
(FLAME 2020)



FLAME  
2020

Organised By  
Department of Mechanical Engineering  
Amity School of Engineering and Technology  
Amity University Uttar Pradesh, Noida

August 5<sup>th</sup>-7<sup>th</sup> 2020

Venue  
Amity University, Sector-125, Noida, Uttar Pradesh



*In Association With*



- ❖ *Lecture Notes in Mechanical Engineering – Springer*
- ❖ *Materials Today: Proceedings – Elsevier*



*Special Issue Publication*

- ★ *International Journal of Six Sigma and Competitive Advantage*
- ★ *Journal of Advanced Research in Dynamical and Control Systems*
- ★ *Facta Universitatis, Series: Mechanical Engineering*
- ★ *International Journal of Vehicle Structures and Systems*
- ★ *International Journal of Advanced Operations Management*
- ★ *Recent Patents on Mechanical Engineering*

## WELCOME IN FLAME 2020

The Department of Mechanical Engineering, Amity School of Engineering and Technology, Amity University, Noida has the great pleasure to welcome scientists, students, engineers, professors, industry professionals and entrepreneurs from all over the world to attend the 2<sup>nd</sup> international conference on "Future Learning Aspects of Mechanical Engineering" (FLAME) to be held from 5<sup>th</sup> to 7<sup>th</sup> August 2020. FLAME is a leading event of mechanical engineering and has an objective to provide a platform to share the research results, exchange ideas on theories, technologies and applications. Distinguished plenary lectures will present recent developments on important topics which includes discussion about future learning aspects of mechanical engineering.

- All the accepted and presented papers will be published in SCOPUS indexed proceedings and journals.
- Selected papers will be published as Special Issues in various SCOPUS / ESCI / SCI indexed International Journals of Repute.

## MATERIALS TODAY: PROCEEDINGS – ELSEVIER (SCOPUS INDEXED)

## LECTURE NOTES IN MECHANICAL ENGINEERING – SPRINGER (SCOPUS INDEXED)

- Advances in Fluid and Thermal Engineering
- Advances in Engineering Design
- Advances in Industrial and Production Engineering
- Advances on Engineering Materials
- Advances in Inter-disciplinary Engineering

## SPECIAL SESSIONS



## TOPICS COVERED

Fluid and  
Thermal  
Engineering

Industrial  
Engineering  
and  
Management

Robotics  
and  
Automation

Production  
Engineering  
and Technology

Engineering  
Design

Engineering  
Materials

Computational  
Engineering

Inter-Disciplinary  
Engineering  
& Allied topics

## CALL FOR PAPERS

Authors are requested to submit the paper related to topics covered in FLAME 2020 through EasyChair.

<https://easychair.org/conferences/?conf=flame2020>

For further details, please visit: [https://www.amity.edu/flame2020/submission\\_guidelines.asp](https://www.amity.edu/flame2020/submission_guidelines.asp)

## CALL FOR POSTERS

Students and research scholars may present their research work as a poster presentation during the conference, highlighting their innovation in the field of mechanical engineering.

## REGISTRATION FEE

Early Bird Registration      Registration After: 20<sup>th</sup> April 2020

	INDIAN	FOREIGNERS	INDIAN	FOREIGNERS
❖ Students (B.Tech/M.Tech/M.S)	4000 INR	250 USD	5000 INR	300 USD
❖ Research Scholars (Ph.D/JRF etc.)	5000 INR	300 USD	6000 INR	350 USD
❖ Faculty from academic institutions	6000 INR	350 USD	7000 INR	400 USD
❖ Researchers from Industries	7000 INR	400 USD	8000 INR	450 USD
❖ Listener (without paper presentation)	1500 INR	100 USD	2000 INR	150 USD

### Note

- ❖ Students must produce a valid id card issued by concerned institute to register in student's category.
- ❖ 25% discount in registration fee is applicable for selected members of ISME.
- ❖ Registration fees include conference kit, tea/coffee, lunch, proceedings and CD.
- ❖ Minimum one registration is mandatory for a paper to be the part of proceedings.
- ❖ Registration fees does not include accommodation and transportation expenses.
- ❖ Accommodation could be arranged in guest house of Amity University or nearby hotels as per the availability, on the payment basis for which the organizers will provide necessary assistance if informed well in advance.

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Dr. Maninder Singh  
Dr. Jaspreet Hira  
Dr. Pallav Gupta  
Mr. Naveen Anand Danial  
Mr. Naveen Kumar  
Dr. Sanatan Ratna  
Ms. Sheelam Misra*

## IMPORTANT DATES

- |   |                         |
|---|-------------------------|
| ❖ <b>Deadline for Paper Submission</b>    | <i>10 February 2020</i> |
| ❖ <b>Notification of Paper Acceptance</b> | <i>28 March 2020</i>    |
| ❖ <b>Submission of Camera-Ready Paper</b> | <i>10 April 2020</i>    |

*Note: Please refer conference website for updates (if any)*



**Prof. K. Muralidhar**

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Uttar Pradesh, India



**Prof. Bengt Sundén**

Professor at Heat Transfer,  
Lund University Sweden



**Prof. J. Ramkumar**

Department of Mechanical Engineering,  
Indian Institute of Technology Kanpur,  
India



**Prof. Elizaveta Gatapova**

Heat Transfer Enhancement Laboratory  
Kutateladze Institute of Thermophysics,  
Russian Academy of Sciences,  
Moscow, Russia



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Institute for Plasma Research  
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International Joint Research Lab of  
Thermal Science and Engineering, Xi'an  
Jiaotong University, P.R. China



**Prof. Sameer Khandekar**

Department of Mechanical Engineering,  
Indian Institute of Technology Kanpur,  
Uttar Pradesh, India

# SPEAKERS



**Prof. Hendrik C. Kuhlmann**

Head - Institute of Fluid Mechanics and  
Heat Transfer, Research Unit of  
Numerical Fluid Mechanics, Services of  
the Institute, TU Wien (Vienna University  
of Technology), Karlsplatz, Austria



**Prof. Satyandra K. Gupta**

Smith International Professor of Mechanical  
Engg. and Computer Science  
Director, Center for Advanced Manufacturing  
Director, Realization of Robotic Systems Lab  
Viterbi School of Engineering, University of  
Southern California



**Prof. Rituparna Datta**

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Computer Science, Data Science  
Ensemble, University of South Alabama  
Mobile, Alabama, United States



**Prof. Zhixiong (James) Guo**

Mechanical and Aerospace Engineering,  
Rutgers University, New Brunswick, USA



**Prof. Krishna M. Singh**

Department of mechanical  
Engineering Indian Institute  
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**Dr. Anil Kumar Sharma**

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THD/RDTG, Indra Gandhi  
Centre for Atomic Research  
Kalpakkm, Tamil Nadu, India



**Dr. Chaobin Dang**

Associate Professor  
Department of Human and  
Engineered Environmental  
Studies, Graduate School of  
Frontier Sciences Department of  
Mechanical Engineering (Joint  
Appt) The University of Tokyo

*and many more...*

## Nearby Places to visit

**TAJ MAHAL, AGRA**



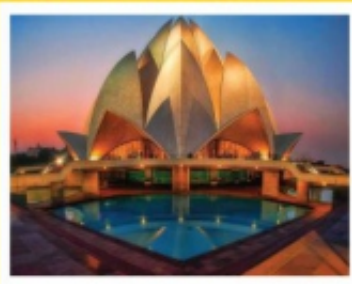
**INDIA GATE, DELHI**



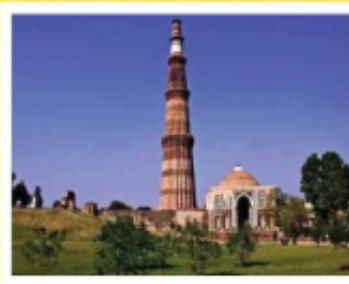
**AKSHARDHAM TEMPLE, DELHI**



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## GLIMPSE OF FLAME –2018

- ❖ 321 articles published in LNME Springer (Scopus Indexed).
- ❖ 4 proceedings were published on Design, Thermal, Production & Inter-disciplinary Engg.
- ❖ More than 20 Keynote speakers and 500 participants have joined across the world.
- ❖ Round table discussion on emerging mechanical engineering topics
- ❖ 15 technical sessions conducted and 15 best paper presentation awarded.



### CONTACT DETAILS:

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