

## Advisory Committee

Prof. M P Poonia, Vice-Chairman, AICTE, New Delhi  
Prof. Abdul Khaliq, Taibah University, Saudi Arabia  
Dr. Sanjay Yadav, National Physical Laboratory, New Delhi, India  
Dr. Sanjay Sen Gupta, Sr Principal Scientist, CSIR, Niscair, Pusa, New Delhi, India  
Dr. Arvind Tiwari, Qassim University, Saudi Arabia  
Prof. Mohammed Arif, University of Wolverhampton, U.K.  
Prof. Pradeep Kumar, IIT Roorkee, India  
Prof. S C Kaushik, IIT Delhi, India  
Dr. Rahul Vaish, IIT Mandi, India  
Dr. Faiz Ahmed Ansari, Durban University of Technology, Durban, South Africa  
Prof. Brijesh Kumar Yadav, IIT Roorkee, India  
Dr. Naveen Garg, CSIR-National Physical Laboratory, India  
Prof. Ravinder Agarwal, Thapar University, Patiala, India  
Prof. Rajesh Kumar, DTU Delhi, India  
Prof. Shivalal, Govt. Engg. College, Banswara, India  
Prof. Arvind Gupta, YMCA Faridabad, India  
Dr. Himanshu Pathak, IIT Mandi, India  
Dr. Sachin Singh Gautam, IIT Guwahati, India  
Dr. Akhilesh Barve, IIFT Kolkata, India  
Dr. Sanjay Kumar Gupta, IIT BHU, India  
Dr. Ashis Mallick, IIT (ISM) Dhanbad, India  
Dr. Arun Tiwari, IET Lucknow, India  
Dr. Anuj Sharma, Design Institute, AKTU, India  
Prof. B S Sikarwar, Amity University, Noida, India  
Dr. Deepali Atheaya, Bennett University Greater Noida, India  
Dr. M K Gopaliya, The Northcap University, Gurugram, India  
Dr. Lalta Prasad, NIT Utrtrakhand, India  
Dr. K P Ajit, IIT (ISM) Dhanbad, India  
Prof. Ajit Kumar, IIT (ISM) Dhanbad, India  
Prof. D R Kaushal, IIT Delhi, India  
Prof. L A Kumarswamidias, IIT(ISM) Dhanbad, India  
Prof. S Muthukumar, NIT Trichy, Tamilnadu, India  
Dr. S Samal, IIT Indore, India  
Prof. Kabirdas Gupta, IIT (ISM) Dhanbad, India  
Prof. V K Gupta, IIT DM Jabalpur  
Prof. Y M Puri, VNIT Nagpur, India  
Dr. Vikash Chaubey, NIT Patna, India  
Prof. Krishna Kumar, MNIT Jaipur, India  
Prof. Rajiv Chaudhary, DTU, New Delhi  
Prof. Z A Khan JMI, New Delhi, India  
Prof. Mukul Shukla, MNIT Allahabad  
Dr. Harish Kumar, NIT, New Delhi, India  
Dr. S C Srivastava, BIT, Mesra, Ranchi, India  
Prof. Abid Haleem, Jamia Millia Islamia, New Delhi, India  
Prof. S. Soren, IIT(ISM) Dhanbad, India  
Prof. Krishna Kumar, MNIT Jaipur  
Dr. Rajiv Kumar, PEC, Chandigarh, India  
Dr. Sumit Kumar, NIT Rourkela, India  
Dr. N K Sharma, Munjal University, India  
Prof. H C Thakur, Gautam Buddha University, India  
Dr. Tanupriya Choudhury, UPES, Dehradun, Uttarakhand, India  
Dr. R K Gupta, CSIR-NML, Jamshedpur, India  
Prof. R C Singh, DTU, New Delhi, India

## Committee Members

### Chief Patrons

Prof. Vinay Kumar Pathak, Hon'ble Vice Chancellor, AKTU  
Shri Suneel Galgotia, Chairman GCET

### Patron

Shri Dhruv Galgotia, CEO

### Conference General Chair

Prof. (Dr.) V K Dwivedi, Director, GCET  
Prof. (Dr.) Mohd. A Qadri, HoD-ME, GCET

### Conference Organising Chair

Prof. (Dr.) D B Singh

### Conference Chair

Prof. (Dr.) P K Arora

### Convener

Prof. (Dr.) M K Lohumi  
Prof. (Dr.) Navneet Kumar

### Conference Coordinators

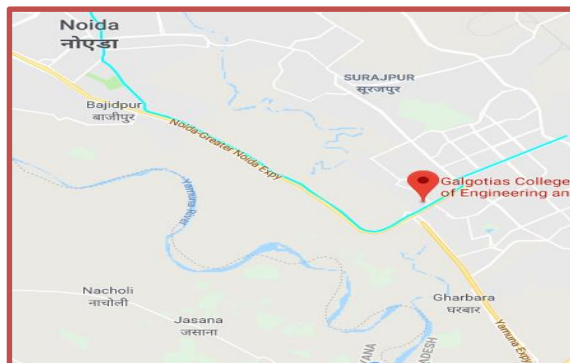
Dr. Shudhanshu Sharma  
Mr. Akhileshwar Nirala

### Technical Program Chairs

Prof.(Dr.) B Singh	Prof. (Dr.) J K Yadav
Prof. (Dr.) A K Sethi	Prof. Sanjay Kumar
Prof. Manohar Singh	Prof. S A Khan
Dr. A K Srivastava	Mr. K.M. Agarwal

### Organizing Committee

Mr. Vivek Singh	Mr. Dalvir Singh
Mr. Manish Sanserwal	Mr. Haridwar Prasad
Mr. A. K. Richhariya	Mr. Nagesh Srivastava
Mr. Naveen Kumar	Mr. Ashok Kumar
Mr. A. Dewangan	Mr. K K.Tiwari
Mr. Hitesh Gupta	Mr. Dheeraj kumar Das
Mr. Anurag Sharma	Mr. Rajaram Gupta
Mr. Ashish Kumar	Mr. Ravikant



# ICMET-2019



## International Conference on Mechanical and Energy Technologies (ICMET)

# 7-8 Nov 2019

# www.icmet.in



## CONTACT

**Mechanical Engineering Department**  
Galgotias College of Engineering & Technology  
1, Knowledge Park -II Greater Noida  
U.P. (India) Pincode-201306  
Phone +91-120 - 4513800, Extn-921 (office)  
Mobile:+91-9810119380, +91-9871952508



## Galgotias College of Engineering & Technology (GCET):

Galgotias Educational Institutions (GEI) comprising of Galgotias University (GU), Galgotias College of Engineering & Technology (GCET) and Galgotias Institute of Management & Technology (GIMT) were founded by Smt. Shakuntla Educational and Welfare Society. The GCET is approved by AICTE, Ministry of HRD, Government of India and affiliated to Dr. A P J Abdul Kalam Technical University, Lucknow (U.P.). The Institute offers 9 Undergraduate Programmes in regular and 5 PG Programmes in full time. The campus is located on 8-lane expressway connecting Greater Noida with New Delhi and is surrounded by a green landscape and lush environment.

### About Mechanical Engineering Department:

The department of Mechanical Engineering, established in the year 2001, with a vision to carve a distinct niche for itself in the field of mechanical engineering education in India, offers a 4- year B. Tech. program in Mechanical Engineering. The department has, over the years, built and maintained a high level of intellectual capital. It has to its credit a strong team of 35 highly qualified and richly experienced faculty members, 20 out of whom are either PhDs or pursuing it from institutions of high repute. The seasoned faculty is deeply committed to train and develop students into future ready professionals competent enough to take on the challenges of the professional world as they embark on chosen careers paths.

### About ICMET-2019:

International Conference on Mechanical and Energy Technologies, (ICMET-19) will be held during November 7-8, 2019 in Galgotias College of Engineering and Technology, Greater Noida, India. The aim of this conference is to bring together leading academician, researchers and research scholars with a view to provide them an opportunity to bring to light recent developments in various areas of mechanical engineering and energy technology viz. thermal, design, production, renewable energy and materials.

## Call For Papers

### TOPICS COVERED:

Authors are solicited to contribute to the conference by submitting articles that illustrate research results projects, surveying works and industrial experiences that describe significant advances in Production, Design and Thermal. Topics of interest for submission include, but are not limited to:

- Aerodynamics and Fluid Mechanics
- Automation, Mechatronics, and Robotics
- Automotive engineering
- Bulk deformation processes and sheet metal forming
- Composites, ceramics, and polymers processing
- Computational mechanics / FEM modeling and simulation
- Computer-based manufacturing technologies: CNC, CAD, CAM, FMS, CIM
- Corrosion, Heat treatment, microstructure and materials properties
- Failure and fracture mechanics
- Friction, wear, tribology, and Surface engineering
- Functionally graded materials, cellular materials
- Heating and ventilation air conditioning system
- I.C engines and Turbo machinery
- Kinematics and dynamics of rigid bodies
- Lubrication and lubricants
- Machinability and formability of materials
- Manufacturing design for 3R "Reduce, Reuse, Recycling"
- Mechanical micro machining
- Mechanisms and machines
- Medical device manufacturing
- Metal casting, metal joining processes
- Metrology and computer aided inspection
- Micro and nanomechanics
- Modeling, simulation, and optimization
- Multifunctional and smart materials
- Nanomaterials and nanomanufacturing
- Rapid manufacturing technologies and prototyping, remanufacturing
- Renewable energy technology
- Sensors for intelligent manufacturing and artificial intelligence
- Thermodynamics and heat transfer
- Others related to Mechanical Engineering

Authors are invited to submit full papers including results, figures and references. Papers will be accepted only by electronic submission through easychair:

<https://easychair.org/conferences/?conf=icmet20190>

ICMET-2019 proceedings consisting of peer reviewed papers will be published in the following peer reviewed international journals / Conference proceeding:



### IOP Conference Series

Materials Science and Engineering

### IMPORTANT DATES:

Paper submission deadline :	July 1, 2019
Acceptance notification :	July 15, 2019
Early registration deadline:	July 20, 2019
Late registration deadline :	Aug 10, 2019
Conference dates:	Nov 07-08, 2019

For more details please Visit:

[www.icmet.in](http://www.icmet.in)

Email: [icmet2019@galgotiacollege.edu](mailto:icmet2019@galgotiacollege.edu)

### Registration:

Early bird registration before: 20th June, 2019

	Indian	Foreign
1 Students (B. Tech./ M. Tech./M. S.)	₹ 5000	\$250
2 Research Scholars (Ph. D./JRF etc.)	₹ 6000	\$300
3 Faculty from academic institution	₹ 7500	\$350
4 Researchers from Industry	₹ 8000	\$400
5 Listener without paper presentation	₹ 1500	\$100

Late registration after : 20th June, 2019

	Indian	Foreign
1 Students (B. Tech./M. Tech./M. S.)	₹6000	\$300
2 Research Scholars (Ph. D./JRF etc.)	₹7000	\$350
3 Faculty from academic institution	₹8500	\$400
4 Researchers from Industry	₹9000	\$450
5 Listener without paper presentation	₹2000	\$150