



# **National Conference**

**on**

## **Mechanical and Automation Engineering**

**(MAAE-2020)**

*February 7<sup>th</sup> & 8<sup>th</sup>, 2020 (Friday & Saturday)*



**Organized by**

**Department of Mechanical Engineering**

(NBA Accredited)

**AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD**

(NAAC Accredited)

## THE INSTITUTION

Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad is affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow and is approved by the All India Council for Technical Education (AICTE). The college was established in 1998 and offers B.Tech Courses in nine disciplines of Engineering namely Computer Science and Engineering, Information Technology, Computer Science, Computer Science and Information Technology, Electronics and Communication Engineering, Electronics and Instrumentation Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Civil Engineering. The college also offers M. Tech in Automation and Robotics, Electronics & Communication Engineering, Computer Science & Engineering, Electrical and Electronics Engineering and Mechanical Engineering. The college is accredited by NAAC. Five departments of the college including Department of Mechanical Engineering are accredited by NBA. The college has setup India's first

Industrial Robotic Training Centre in Collaboration with KUKA Robotics of Germany. In addition to this, AKGEC is the only institute having various state of arts Centre of Excellence in collaboration with eminent multinational companies to provide industry relevant training and project exposure which offers global employability of students.

## Conference Objective

The Aim of this conference is to provide a knowledge sharing platform for researchers, academicians and industry personnel. The conference will also encourage faculty members and students to present technical papers in the areas of their field of specialization in order to develop their aptitude for paper writing and presentation skills. This will also provide an opportunity for students to get exposed to the culture of academic development and to the field of research and innovation in the field of Mechanical and Automation Engineering.



ME Department

## CONFERENCE TOPICS

MAAE-2020 invites original unpublished papers on the following topics but not limited to:

- Unconventional Manufacturing
- Computer Numerical Control (CNC)
- Automation & Robotics
- CAD/CAM/CIM
- Design of Industrial Robots
- Kinematics and Dynamics of Robot
- Machines Vision
- Product Development and PLM
- Non Destructive Testing
- Pneumatics and Hydraulic controls
- Mechatronics
- Additive Manufacturing
- Internet of Things(IoT)
- Expert Systems
- Artificial Intelligence
- Flexible Manufacturing System
- Concurrent Engineering
- Smart Materials
- Finite Element Methods
- Simulation and Modelling

## PARTICIPATION

Academicians from Engineering Colleges, Universities, Research Scholars, UG, PG Students and Industry Professionals in the field of Mechanical & Automation Engineering are eligible to participate in the conference.

## Call for Papers

One Copy of full paper not exceeding 8 pages on A4 size paper as per IEEE format using 11 font Size and single line spacing should be sent by E-mail at [MAAE2020@akgpec.ac.in](mailto:MAAE2020@akgpec.ac.in). After acceptance of paper, authors are requested to register before last date of registration. Only registered papers will be published in the conference proceedings.

## Registration Fees

Delegates from Industry	Rs. 2000/-
Academicians	Rs. 1500/-
Research Scholars / Students	Rs. 500/-

## Mode of Payment

Registration form along with fee through DD in favour of "Ajay Kumar Garg Engineering College", Payable at Ghaziabad, may be sent at the following address;

## Prof. (Dr.) Devendra Singh

Head of Deptt. (Mechanical Engineering)  
(CONVENER: MAAE-2020)

Ajay Kumar Garg Engineering College

27<sup>th</sup> Km Stone, Delhi Hapur Bypass Road, P.O. Adhyatmik Nagar, Ghaziabad - 201 009.

## Accommodation

Limited boarding & lodging facilities are available at campus hostel. Accommodation can also be arranged in local hotels on payment basis. No TA/DA will be paid to the participants and author(s).

## Important Dates

Last Date of Submission of full length paper : 06.01.2020

Intimation of acceptance of Papers : 13.01.2020

Last Date for Registration : 17.01.2020

## Technical & Advisory Committee

Dr. Meenu	Professor, NIT Kurukshetra
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Dr. Sachin Maheshwari	Professor, NSUT, New Delhi
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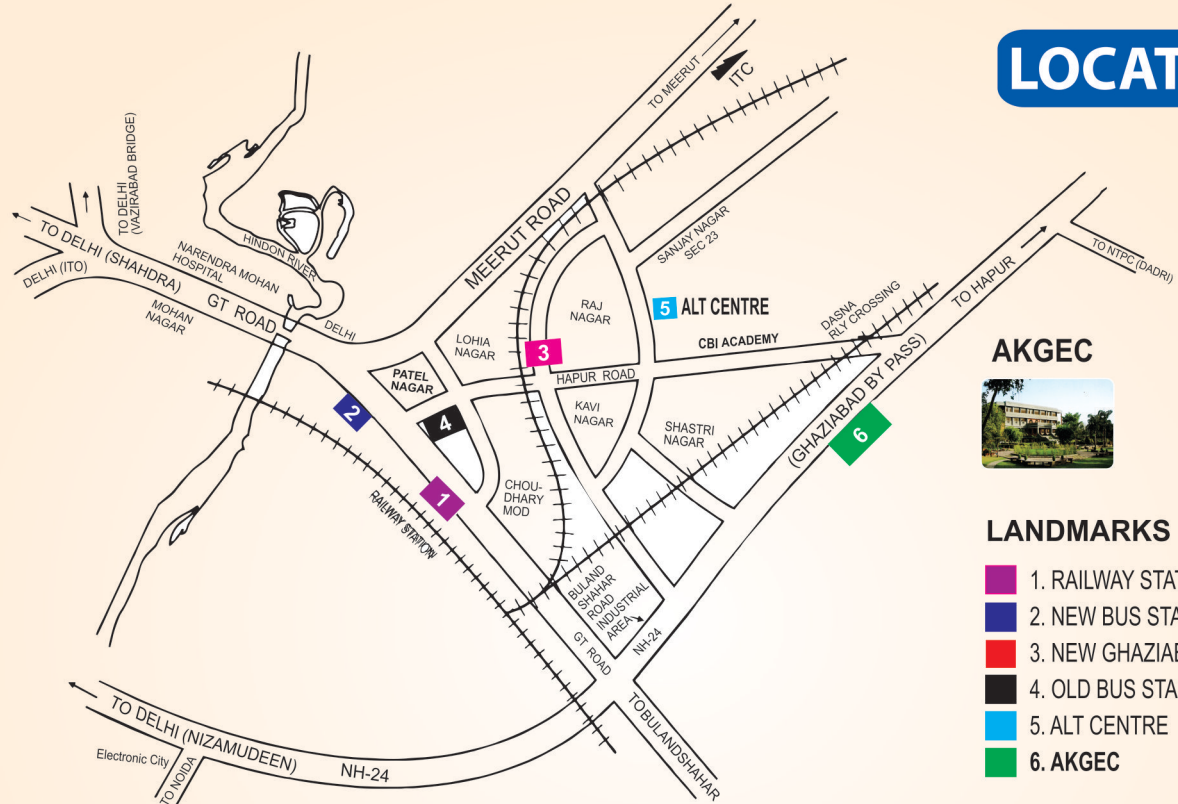
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## Organizing Committee Members

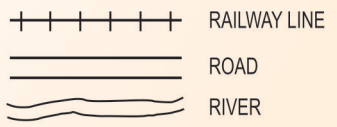
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Mr. Rajat Goel	Asst. Professor, ME
Ms. Priyanshu Sharma	Asst. Professor, ME

# LOCATION MAP



## LANDMARKS

- 1. RAILWAY STATION
- 2. NEW BUS STAND
- 3. NEW GHAZIABAD RLY. STATION
- 4. OLD BUS STAND
- 5. ALT CENTRE
- 6. AKGEC



## Ajay Kumar Garg Engineering College

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