

## ABOUT AKGEC

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Ajay Kumar Garg Engineering College, Ghaziabad is affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow and is approved by All India Council for Technical Education. The College was established in 1998 and offers B.Tech. courses in various disciplines of Engineering, MCA and M. Tech.

## ABOUT MCA DEPARTMENT

MCA strives for excellence and has been consistently maintaining excellent academic results and placements. It is a matter of pride for the department to maintain a superlative overall academic performance over the years. The department has excellent infrastructure with well-planned class rooms and spacious laboratories equipped with state-of-the-art teaching aids.

## ABOUT THE FDP

The FDP is designed to introduce the fields of machine learning and deep learning covering the basic and advanced concepts, machine learning models, computer vision architectures for classification and clustering, recurrent neural network and optimization of deep learning along with hands-on sessions.

## LIST OF SPEAKERS

- |                       |                               |
|-----------------------|-------------------------------|
| • Dr. Anurag Singh    | (NIT, Delhi)                  |
| • Dr. Karan Singh     | (JNU, Delhi)                  |
| • Dr. Mansaf Alam     | (JMI, Delhi)                  |
| • Dr. Divakar Yadav   | (IGNOU, Delhi)                |
| • Dr. Rabins Porwal   | (CSJM University, Kanpur)     |
| • Dr. S. N. Rajan     | (IMS, Ghaziabad)              |
| • Dr. Sarfaraz Masood | (JMI, Delhi)                  |
| • Dr. Kiran Chaudhary | (DU, Delhi)                   |
| • Dr. Kumud Kundu     | (IPEC, Ghaziabad)             |
| • Dr. Mrinal Pandey   | (MRU, Faridabad)              |
| • Mr. Amit Sethi      | (Rancommunication, New Delhi) |

### Chief Patron

Prof. J. P. Pandey  
Vice Chancellor  
Dr. APJAKTU

Dr. R. K. Agarwal  
Director General  
AKGEC, Ghaziabad

### Patron

Dr. Hemant Ahuja  
Director, AKGEC

### Coordinator

Dr. B. K. Sharma  
HOD MCA

### Co-Coordinator

Dr. Saroj Bala  
Associate Professor, MCA  
(M) 9899548422

## TOPICS TO BE COVERED

- Basics of research and data requirements
- Data Pre-processing Techniques
- Classification Techniques
- Mathematics behind classification Algorithms
- Machine Learning in Cyber Attacks
- Recurrent Neural Network
- Convolutional Neural Network
- AI application to Real Time Problems
- Ethical issues in AI
- Trust Management using Machine Learning
- A Research Case Study

## REGISTRATION

Participants need to fill the google form for registration, on or before 01 August, 2024 and pay the registration fees on the given account details.

### A/C Details

Ajay Kumar Garg Engineering College  
Kotak Mahindra Bank Ltd.

A/C No.: 508010250461

RTGS/NEFT/IFSC Code : KKBK0005295

Registration form link: <https://forms.gle/ZDu9pcDr9sVxDH2w5>

- **Registration Fee : ₹1000/-**
- **LAST DATE OF REGISTRATION : 01 August 2024**

- Seats are limited, registration based on FCFS.
- Registration fee is non-refundable.
- Hostel accommodation will be provided on the paid basis @Rs.250/- per person per day on sharing basis.

### ELIGIBLE PARTICIPANTS

Only for Faculty Members of AKTU, Lucknow affiliated colleges



Dr. APJ Abdul Kalam Technical  
University, Lucknow

Sponsored

## ONE WEEK FACULTY DEVELOPMENT PROGRAMME on RESEARCH & DEVELOPMENT IN MACHINE LEARNING/ DEEP LEARNING

**05 - 09 August 2024**



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Department of MCA

**AJAY KUMAR GARG ENGINEERING COLLEGE, GHAZIABAD**

27th Km Milestone, Delhi-Meerut Expressway,

P.O. Adhyatmik Nagar, Ghaziabad - 201015 Phone No: 8744052891-94

Email: [hodmca@akgec.ac.in](mailto:hodmca@akgec.ac.in) | Website : [www.akgec.ac.in](http://www.akgec.ac.in)