



# ITBT'19

## 6th National Conference ON

### INFORMATION TECHNOLOGY For BUSINESS TRANSFORMATION

8<sup>th</sup> - 9<sup>th</sup> November, 2019



Technical Sponsors

In Association with

**AJAY KUMAR GARG ENGINEERING COLLEGE GHAZIABAD**  
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27th Km Stone, Delhi Hapur Bypass Road P.O. Adhyatmik Nagar, Ghaziabad-201009  
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- Prof. B.K. Sharma: HoD MCA, AKGEC

### Organizing Committee

- Dr. Anu Chaudhary: Convener
- Dr. Sunita Yadav: Convener
- Dr. Mamta Bhushy: Convener
- Dr. Jitendra Kr. Seth: Co-convenor
- Mr. Ruchin Gupta: Co-convenor
- Dr. Sonam Gupta: Co-convenor
- Dr. Sushil Kumar: Member
- Ms. Mridainy Kansal: Member

*Information technology and business are becoming inextricably interwoven. I don't think anybody can talk meaningfully about one without talking about the other.*

- Bill Gates



For further details kindly visit us at <https://akegc.ac.in/> (or e-mail: [itbt2019@yahoo.com](mailto:itbt2019@yahoo.com), [itbt19@akegc.ac.in](mailto:itbt19@akegc.ac.in))

**Conveners:**  
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 Dr. Mamta Bhushy: 999275330

**Co-Conveners:**  
 Dr. Jitendra Kr. Seth: 8851801392  
 Mr. Ruchin Gupta: 8802714026  
 Dr. Sonam Gupta: 8126680787

### Location Map



### About the College

**Ajay Kumar Garg Engineering College (AKGEC)**, 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 now offers B. Tech. courses in seven disciplines. The college also offers M. Tech. in Automation and Robotics, Electronics & Communication Engineering, Computer Science, Electrical and Electronics Engineering and Mechanical Engineering. The college is accredited by NAAC and NBA. The college strives for excellence and has been consistently maintaining excellent academic results and placements. The college has the distinction of being the first and only college in UP to receive the Academic Excellence Award for the Best Engineering College in UPTU from H. E. the Governor of UP for two successive years. It is a matter of pride for the College to maintain a superlative overall academic performance over the years. In the year 2017-18, the College achieved unbeatable distinction of 12 positions in the branch wise University Merit List with 2 Gold and 2 Bronze medals. In the year 2016-17, the College achieved 12 positions in the branch wise University merit list with 2 Gold, 1 Silver and 3 Bronze medals, ten positions with 3 Gold Medals, 1 Silver Medal and 1 Bronze Medal in 2015-16 and similar stupendous results in previous years as well. Our students have the honor of being awarded the Chancellor's Award for highest marks in all B. Tech. courses for three consecutive years in 2015-16, 2016-17 and 2017-18.

### Centers of Relevance and Excellence

AKGEC jointly with KUKA Robotics (India) has set up India's first Industrial Robotics Training Centre for Educational Institute, AKGEC-BOSCH Research Centre of Competence in Automation Technologies, National Instruments (AKGEC-NI Lab), Siemens PLM Software at AKGEC, Ghaziabad. The primary objective of the centers is to bridge the industry-academia gap and focus on training & research programs which will help catering to the growing demand from engineering & manufacturing industries in India.

### About the Conference

In the series of National Conference, Departments of Information Technology & Computer Science and Engineering are organizing the 6th National Conference on **Information Technology for Business Transformation (ITBT'19)**. The main aim of this conference is to provide a platform to the researchers and practitioners from both academia as well as industry to meet and share cutting-edge development in the concerned field. Digital transformation reshapes every aspect of a business. Proactive innovation is one of the best ways to stay competitive in an evolving marketplace. New technology needs to be assessed, tested, analyzed and judged more quickly than ever. New tools and technologies need more than one avenue for viability, otherwise their value drops quickly. The importance of big data in the business world can't be overstated. Speaking of how invaluable big data is to marketers, the IoT offers immeasurable insight into customer's mind. Businesses and customers alike will continue to benefit from the IoT. Our relationships to technology continue to evolve. Soon machines will be able to learn and adapt to their environments. AI has long been considered the realm of science

fiction, but as technology improves, AI becomes a reality. This conference focuses on analyzing and understanding both the quantitative and qualitative contribution of Information Technology in the growth of modern day business.

### Call for Papers

Authors are requested to contribute to the conference by submitting articles that illustrate research results, projects, surveying works and industrial experiences that describe significant advances in the following topics, but not limited to:

- Computer Vision
- Mobile and Ad-hoc Networks
- Wireless Sensor Networks
- Soft Computing
- Artificial Intelligence
- Swarm Intelligence
- Expert Systems
- Neural Networks
- Fuzzy Logic
- Embedded Systems
- Bio-Informatics
- Cloud Computing
- Digital Image Processing
- Information Security Management
- Network Security
- Data Privacy & Security
- Data Security in Cloud Computing
- Disk Encryption and File Encryption
- Database Security Management
- Application and Platform Security
- Data Mining & Warehousing
- Storage & Transaction Management
- Knowledge Management
- Big Data Analysis and Management
- Search Engine Optimization
- GIS
- Query Optimization
- Distributed Database
- Business Intelligence
- Enterprise Resource Planning
- Customer Relationship Management
- Supply Chain Management
- Business Process Re-engineering
- E-Governance
- E-Commerce/ M-Commerce
- Software Testing
- Software Maintenance
- Quality Management
- Software Ergonomics
- Social Software Engineering
- Nano Technology
- Internet of Things (IoT)
- Machine Learning



### Conference Publication & Award

Best papers of the conference will be selected for publishing in *International Journal of Mathematical, Engineering and Management Sciences (Scopus Indexed)*, <https://www.ijmms.in>. Also the best paper from each session will be presented a Certificate and cash award.



### General Paper Submission Guidelines

Only original papers, which have not been published or accepted before in a Journal or Conference proceedings, or presented in another conference, should be submitted to ITBT 19. Also, papers which are currently under consideration for publication or presentation elsewhere may not be submitted. For consistency of publication, please submit all papers as word documents. Author template is available at <https://drive.google.com/file/d/1ERtDeXdqZzzUwXvgsT92T4z0tOtusp5/view?usp=sharing>

Submit papers at [itbt19@akegc.ac.in](mailto:itbt19@akegc.ac.in) and cc to [itbt2019@yahoo.com](mailto:itbt2019@yahoo.com). For details, visit [www.akegc.ac.in](http://www.akegc.ac.in). (Registration by at least one author of every accepted paper submission is mandatory)

### Important Dates

Submission of full manuscripts	: 1 <sup>st</sup> October, 2019
Notification of acceptance	: 20 <sup>th</sup> October, 2019
Camera Ready paper submission	: 25 <sup>th</sup> October, 2019
Last date of registration	: 30 <sup>th</sup> October, 2019

### Registration

Participants can register by sending duly filled in registration form along with required registration fee in the form of Demand Draft drawn in favour of "Ajay Kumar Garg Engineering College", payable at Ghaziabad, to be sent on or before the due date, at the following address:

Convener, ITBT'19, Department of IT,  
Ajay Kumar Garg Engineering College, Ghaziabad,  
27th Km Stone, Delhi Hapur Bypass Road  
P.O. Adhyatmik Nagar, Ghaziabad-201009 (U.P.)

Participants may also pay the registration fee through online payment (RTGS/NEFT) and also share the payment details at [itbt19@akegc.ac.in](mailto:itbt19@akegc.ac.in) and [itbt2019@yahoo.com](mailto:itbt2019@yahoo.com). Details for online payment are given as follows:

Name of beneficiary: Ajay Kumar Garg Engineering College  
 Name of Bank: Kotak Mahindra Bank Ltd.  
 Branch Address: 30 & 31 Navyug Market, P.B.No. 75, Ghaziabad-201001 (U.P.) -INDIA  
 Branch Code: 5295  
 Account No.: 508010250461  
 IFSC Code: KKBK0005295

### Registration Fee

	Non CSI/IEEE Members	CSI/IEEE Members
Academicians	₹ 1000	₹ 800
Industry persons	₹ 1500	₹ 1200
Students	₹ 500	₹ 400

### Accommodation

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