

HOW TO PARTICIPATE

Interested candidates are requested to send the duly filled registration form. The candidates who wish to contribute their submissions should send the electronic copy of their papers at the following E-mail Id: eventsma.tecna@gmail.com

The Conference papers may be in the form of descriptive, critical and case studies to mirror theory, research, practice and reflective thinking in the above area. Paper should contain abstract not more than 500 words along with key words. The abstract may be submitted to eventsma.tecna@gmail.com

PARTICIPANTS PROFILE

- Academic Fraternity in IT, CSE, Science, Management, Journalism and Mass Communication and Information Service Providers.
- Professionals working in Industry and Research in the areas of IT.
- Students and Research Scholars.

CONFERENCE PATRON-IN-CHIEF

Dr. R. K. Gupta, Chairman, Tecnia Group of Institutions, Delhi

CONFERENCE DIRECTORS

- Prof. (Dr.) Ajay Kumar, Director, TIAS
- Prof. (Dr.) A. K. Srivastava, Chief Executive (A & D), TIAS

ADVISORY COMMITTEE

- Prof.(Dr.) Zahid Hussain Zaidi, Ex-Vice Chancellor, Rohil Khand University.
- Prof.(Dr.) Mushid Hussain Ex-Vice Chancellor, Rohilkhand University.
- Prof.(Dr.) V. K. Sharma, Ex-Vice Chancellor Bhagwant University, Ajmer
- Prof.(Dr.) Arvinder Kaur Dean, USICT, Dwarka, Delhi.
- Prof.(Dr.) Payal Pahwa, Principal, BPIT, Rohini, Delhi.
- Prof.(Dr.) Shampa Chakraverty, Head, NSIT, New Delhi.
- Prof.(Dr.) Nasib Singh Gill, Maharishi Dayanand University, Rohtak.
- Prof.(Dr.) R.S. Chhillar, Maharishi Dayanand University, Rohtak.
- Prof.(Dr.) Harleen Kaur, Jamia Hamdard University, Delhi.
- Prof.(Dr.) Safdhar Tanveer, Jamia Hamdard University, Delhi.
- Prof.(Dr.) Vinay Kumar Dean, VSIT, VIPS, Rohini, Delhi.
- Dr. Rohit Bansal, Head MBA, Vaish College of Engineering, Rohtak.
- Dr. Surjeet Dalal, Associate Professor, CSE, SRM University, Sonipat.
- Dr Saoud Server, HOD-CSE, Al-Falah University, Faridabad.
- Dr. Jugnesh Kumar, Director, SAIT, Maharishi Dayanand University Rohtak.
- Dr Viresh Kumar Sharma, Department of CSE, Meerut University.
- Dr Panchal, DRDO, Scientist, Delhi.
- Prof. Rajender Kumar Sharma, Agra Engineering College.
- Dr Mohhammad Amzad, Department of CSE, Jamia Milia Islamia, Delhi.
- Dr Ansa Alam, Asso. Prof. Jamia Milia Islamia, New Delhi.

CONFERENCE CONVENER

- Dr. Vishal Khatri, Convener

ORGANISING COMMITTEE

- Dr. Ajay Pratap Singh
- Dr. Nidhi Gupta
- Dr. Sandeep Kumar
- Dr. Sudhir Dawra
- Dr. Jitender Rai
- Ms. Rashmi Ishrawat
- Ms. Arti Bajaj
- Mr. Mohit Tiwari
- Ms. Sania Kukkar
- Ms. Alka Batra
- Ms. Neha Gupta
- Ms. Meenu Kansal
- Mr. Rohit Arora
- Ms. Anshu Arora
- Ms. Bharti Aggarwal
- Ms. Indu Sharma
- Mr. Deepak Dangi
- Mr. Rahul Mittal

REGISTRATION FORM

Name of Participant Dr./Mr./Ms.: _____
 Designation: _____ Department: _____
 Organization/Institute: _____
 Address: _____

City: _____ State: _____ PIN: _____ Phone: _____

No. with STD Code: _____ Mobile: _____

E-mail: Work Experience: _____

Academic Qualifications _____ Professional

Qualifications _____ Gender: Male / Female: _____

Please tick, whichever is applicable: Submitting paper / Presenting Paper Please write Titled of the paper _____

Registration Fee Details (Please mark (✓) accordingly):

Delegate Category	✓	Registration Fees		
		National	Draft	Cash
Students Delegate		Rs. 300/-		
Research Scholar		Rs. 500/-		
Academics Rsh		Rs. 1000/-		
Corporate Delegate		Rs. 1500/-		

All Drafts should be in favour of "Tecnia Institute of Advanced Studies" Payable at New Delhi.

Please Note:

- Please fill the form neatly in capital letters.
- Last date for receiving the applications is 5th October, 2018.
- The fee includes Conference Kit and refreshments. A certificate would be issued to the Participants.
- Fee does not include accommodation, local/outstation travel. No refund will be allowed for Cancellations made. Outstation candidates needing assistance in accommodation (on payment) may Contact the Conference Convener at the address given below.

Kindly send your Registration Form and DD by post to:

Dr. Vishal Khatri, Convener

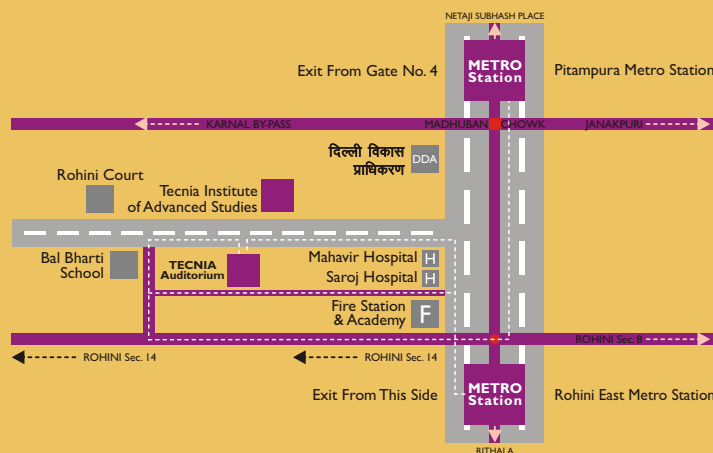
TECNIA INSTITUTE OF ADVANCED STUDIES

3PSP, Institutional Area, Madhuban Chowk, Rohini, Delhi-85, India

Phone: 011-27555121-22-23-24 • Mobile: 9212227730,

• Fax: 27555120

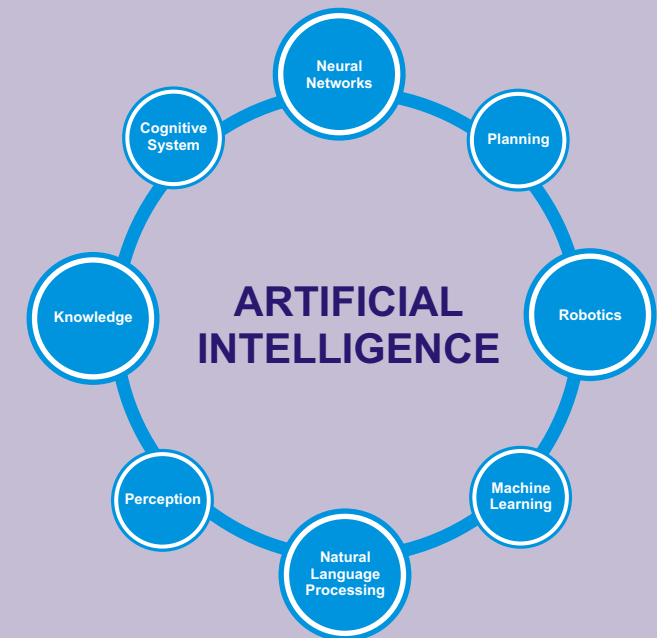
ROUTE MAP



NCAAIRSB - 2018

33rd National Conference

Advancements in Artificial Intelligence: Robotic Solutions for Business



Date: Friday, 12th October, 2018

Venue: Tecnia Auditorium

Organized by

Department of Computer Applications & Internal Quality Assurance Cell



TECNIA INSTITUTE OF ADVANCED STUDIES NAAC ACCREDITED GRADE "A" INSTITUTE

Approved by All India Council for Technical Education, Ministry of HRD, Govt. of India;

Affiliated to Guru Gobind Singh Indraprastha University, Delhi; Recognized Under Sec. 2(f) of UGC Act 1956.

INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI-110085
 T: 011-27555121-24 • E: directortias@tecna.in • W: www.tiaspg.tecna.in

ABOUT TECNIA



Tecnia Institute of Advanced Studies (TIAS) is one of the Premier NAAC accredited "A" Grade Institute duly approved by All India Council for Technical Education, Ministry of HRD, Govt. of India in the year

1998 and is affiliated to Guru Gobind Singh Indraprastha University, Delhi; Recognized under Section 2(f) of UGC Act, 1956. TIAS is ISO 9001:2015 certified for Quality Management System & ISO 14001:2015 certified for Environmental Management System by ISC Assurance Services Pvt. Ltd. recognition for its well established system and procedures for imparting quality education. Institute is has ultra-modern building in the hub at Madhuban Chowk, Rohini Delhi., well connected with metro, rail, airport. The institute conducts MBA, MCA, BBA & BA(J&MC) Program in both shifts. The institute is a professional center established, with an aim to provide Training and Expertise to improve the capabilities, technical knowledge, required for career development of young generation by way of providing the quality education.

ABOUT CONFERENCE

Artificial Intelligence is able to perceive patterns in data that humans cannot. AI-guided transport is no longer being confined to the pages of sci-fi literature. Self-driving cars have already populated the market; however, a driver is required at the wheels for safety purposes. With Google, Uber and General Motors trying to establish themselves at the top in this market, it will not be long before driverless vehicles become a reality. Machine Learning will be crucial in ensuring that these Automated Vehicles operate smoothly and efficiently. Robotic Process Automation is the application of machine learning to automate rule-based tasks. It will help people to focus on the critical aspects of their job while leaving the routine aspects to machines. Automation can range from data entry to complete process automation. The reach of AI is also expected to blanket jobs that are risky or health-hazardous like bomb diffusion and welding.

The application of AI in sales and marketing seems a definite, considering the fact that marketing professionals leave no stone unturned to benefit their business. AI can increase the efficiency of sales and marketing organization. The focus will be on improving conversion rates and sales. Personalized advertising, knowledge of customers and their behavior gleaned through facial recognition can generate more revenue. AI in Robotics is a form of automation that is helping twenty-first century manufacturers in numerous industries gain rapid increases in productivity. Functions formerly performed by humans especially difficult, dangerous, monotonous, or tedious tasks are now often assumed by robots or other mechanical devices that can be operated by humans or computers.

Moreover, robots can be used to take the place of humans in extreme settings or life-threatening situations involving nuclear contaminants, corrosive chemicals, or poisonous fumes. Firmly established as a critical manufacturing technology, robotics is gaining increasing acceptance by the workforce, garnering praise for its reliability, and being utilized more extensively in medium and small companies.

This 33rd National Conference on "Advancements in Artificial Intelligence: Robotic Solutions for Business" (NCAAIRSB-2018) offers a platform to discuss opportunity and challenges in the area of artificial intelligence and robotics related to the emerging trends, research technologies & business solutions thereof. The conference is seen as a forum to bring together researchers, practitioners from academia, industry & government, to share their knowledge and their work to enrich the students, faculty members & other participants.

OBJECTIVES OF THE CONFERENCE

This conference intends to provide a forum for discussion and exchange of ideas on the main theme as well as sub themes. The main objectives of the conference are:

- To develop a clear understanding on the growing use of Artificial Intelligence in the business landscape.
- To increase the expertise and provide the best possible platform by educating students and attracting new researchers to provide skills to research in the area of Robotics solutions for business in Artificial intelligence.
- To understand how Artificial Intelligence can autonomously aggregate and crunch data to provide cohesion across sales and marketing.
- To understand the role of Artificial Intelligence in banking and finance for the immediate solutions in business.

CALL FOR PAPERS

Researchers, Academicians, Industrialists and Students delegates are invited to submit their original papers. Topics covered by the conference include, but are not restricted to, the following:

- Intelligent Mechatronics and Robotics
- Automation
- Haptics
- Tele-Robotics, Medical Robotics
- Aerial and Underwater Robotics
- Design and Simulation of Robotic Systems
- Machine learning for Robotics
- Prosthetics and Exo-skeleton Systems
- Micro and Nano-robotics
- Machine Vision for Robotics
- Artificial Intelligence, Neuro control and Fuzzy control for Robotics
- Genetic Algorithms and Reinforcement Learning
- Natural Language Processing
- Human Machine Interface Rapid Proto-typing and 3D Printing Technology
- Robot Localization and Mapping

- Imaging and Image Processing
- Artificial Intelligence for Business
- Computer Vision and Pattern Recognition
- Human Computer Interaction and Visualization
- New Approaches in Automation and Robotics
- Humanoid Robots: New Developments
- AI in Pharma and Bio-medicine
- Applications of AI in Banking, Finance and Risk Management
- Robot Localization and Map Building
- Remote and Telerobotics
- Robotics and Screw Theory
- Micro Electro Mechanical Systems (MEMS) and Micro robots

*The subtopics are indicative but not restrictive and any other area related with the theme can be considered.

IMPORTANT DATES

Conference Date	-12th October-2018
Last date of submission of Abstract	-25th September 2018
Confirmation about acceptance abstract	-30th September 2018
Last date of complete paper submission	-05th October 2018
Last date of registration and confirmation about paper presentation in person	-06th October 2018

CONFERENCE PROCEEDINGS

The blind reviewed conference papers will be published in the conference proceedings (full paper) bearing an International Standard Book Number (ISBN).

GENERAL INSTRUCTIONS FOR PAPER SUBMISSION

- Contributors are requested to ensure that their paper should not exceed 5 Printed pages. The paper should be typed in Times New Roman (12 pts.) font on one side of A-4 paper in double line spacing with wide margins. The full length accepted papers will be published in the conference proceedings with ISBN numbers.
- One paper should not contain more than two authors.
- All charts and graphs should be drawn and labeled clearly.
- Only those references, which are actually used in the text, should be included in the reference list.
- The contributor should certify on a separate sheet that the manuscript is his/her original contribution. It should be mentioned that the paper has not been submitted or accepted for publication anywhere else.
- Paper should contain abstract not more than 250 words along with key words.
- Paper must accompany the following details of authors:-
 - Name of the author with designation
 - Name of the co-author with designation
 - Correspondence address, contact number, and e-mail ID and Profile of the authors with Organization / Institution name

