Maharaja Surajmal Institute

Affiliated To Guru Gobind Singh Indraprastha University

Recognized By UGC u/s 2 (f), NAAC Accredited('A'Grade),
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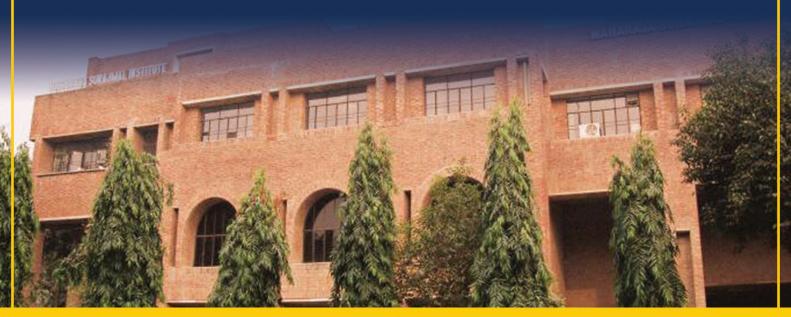
National Conference

on

'Emerging Trends in Big Data, IOT and Cyber Security'

(Knowledge Partner - Computer Society of India)

In Association with

ICT ACADEMY
Innovate... Collaborate... Educate...

A DECADE OF
AUGMENTING
NATION BUILDING
10 YEARS

13th-14th March, 2020 | Venue: Seminar Hall

ABOUT THE INSTITUTE

Maharaja Surajmal Institute is a self-financing, quality conscious and trend setting institute with the focus on providing equal opportunities for development of human potentials for every segment of the society. The Institute is a venture of its own kind where educators and professionals have joined hands to impart quality education to the budding IT and management professionals determined to excel in their fields.

KEY MILESTONES

1. Awarded 'A' Grade by Joint Assessment Committee (JAC) of GNCT of Delhi for consecutively for 5 years.
2. Awarded 'A+' Grade by State Fee Regulatory Committee (SFRC) of GNCT of Delhi
3. Accredited by National Assessment and Accreditation Council (NAAC) as 'A' Grade.
4. Recognised under U/s 2(f) of UGC.
5. As per survey conducted by India Today 2019 - BBA Course of the Institute stands at 13th place among the top ranked 120 Institutes of India.
6. As per survey conducted by India Today 2019 - BCA Course claims to be at 14th place among the 70 top ranked Institutes of India.
7. With reference to placement services, the Institute stands at 5th place in India as per survey conducted by Times of India 2018.
8. The Students of MSI have been awarded University Gold Medal in all three programmes and Exemplary Performance in BCA for Academic Excellence in the year 2019 (Batch 2016-19) taking the total University Gold Medal list to 30 Medals and 17 Exemplary Performances.
9. The Institute is awarded with Certificate of Excellence (2nd Position) on Internship Day for the Best Internship Record at All India level.

ABOUT THE CONFERENCE

The overall objective of two days National Conference is to provide a platform and stimulate the discussion on the latest findings of the researchers working in the field of Big Data, IOT and Cyber Security. This National Conference will provide a platform for the teachers, researchers, academicians, students as well as industry professionals from various disciplines to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration. The conference shall serve as an interface to promote the practical benchmarks and significant contribution to the knowledge in these fields. The organizing committee of the conference is pleased to invite prospective authors to submit their original manuscripts. The national conference shall be forum to engage in meaningful discourse transcending boundaries of varied disciplines in Computer Science and Information Technology.

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CONFERENCE TRACKS

Please consider submitting to this conference. We are interested in the entire range of concepts from theory to practice, including case studies, works-in-progress, and conceptual explorations. The conference welcomes papers on the following (but not limited to) Research Tracks:

Track I: Cloud Computing and Big Data
- Cloud Computing
- Mobile Cloud Computing
- Data Science
- Data Mining
- Agents and Multi-agent Systems
- Big Data Analytics
- Big Data in Banking, Insurance and Securities
- Big Data in Media and Entertainment
- Big Data in Manufacturing
- Big Data in Transportation
- Big Data Applications
- High Performance Computing
- Distributed and parallel systems
- Advance Databases
- Evolutionary Multi objective Optimization

Track II: Internet of Things (IOT)
- Smart Homes
- Wearables
- Smart Cities
- Smart Grid
- Ambient Assisted Living
- Smart Healthcare
- Intelligent Transportation
- IOT in Business
- Applications of IOT
- Challenges in IOT
- Context-aware pervasive systems
- Connected Cars
- Smart Retail
- Smart Supply Chain
- Smart Farming

Track III: Cyber Security
- Cyber Security
- Privacy
- Surveillance
- Network Security with AI
- Biometrics
- Block Chain
- Internet Security
- Security in Mobile App Development
- Security in Mobile Computing
- Intrusion Detection
- Cyber Security Attacks
- Cyber Crime: Violation of Laws digitally
- Cyber Security Applications
- Deep Learning and Cybersecurity
- Current Trends of Cyber Security
- Web Services and Performance
- Secure Transactions
- Cryptography
- Secure Protocols
- Cyber-Physical Systems

CONFERENCE TRACKS

Track IV: AI and Machine Learning
- Machine Learning Algorithms
- Digital Image Processing
- Artificial Intelligence Techniques
- Augmented Reality
- Virtual Reality
- Data Analytics
- Deep Learning and Social Networks
- Neural Networks
- Fuzzy Logic
- Expert Systems & Robotics
- Swarm Intelligence & Optimization
- Agents and Multi-agent Systems
- Natural Language Processing
- Brain-Machine Interface
- Geographic Information Systems
- Computational Optimization
- Sentiment Analysis
- Advances in AI & Applications
- Human Computer Interaction
- Segmentation Techniques
- Heuristic optimization techniques
- Soft Computing

Track V: Networks and Communication
- Computer Networks
- Connected Machines
- Wireless/ Mobile Communication
- Signal Processing
- Web Services
- Smart Grids and Energy Networks
- Sensing and Sensor Networks
- Satellite Communication Systems
- 4G/5G Network Evolutions
- Mobile Adhoc Networks
- Communication Protocols
- Cognitive Radio

Track VI : ICT and e-Learning Methods
- E-Learning Tools
- M- Learning
- e-Learning Organizational Issues
- Collaborative Learning
- Curriculum Content Design
- Educational Systems Design
- Virtual Learning Environments
- Web-based Learning
- Delivery Systems and Environments

CALL FOR PAPERS

Original contributions are solicited on the conference theme for Oral and Poster Presentation. Soft copy of the paper must be e-mailed at conference@msi-ggsip.org, as per the format given below:-
- Paper should be typed in Ms-Word in standard format with   maximum 6 pages.
- Paper must include an informative title, name(s), address (es), email id(s), contact no(s) of all authors and affiliations in Times New Roman 14 (only authors bold) written at the top.
- The paper must include an abstract of about 150 words and maximum of five keywords related to the topic of the paper.

Paper must include introduction, survey of literature, proposed work, result, conclusions and reference section.
- Paper size: A4
- Margins: Left 1.5", Right 1", Top 1" and Bottom 1"
- Font Style: Times New Roman, Single Spacing in two columns.
- Font Size: Title 14 (Bold), Name of Authors and affiliations 12, Sub-heading 12 (Bold), Abstract 9 (Bold) [Max. 150 words], Paper Text 11, References 10
- Format: The paper should be typed in MS-Word document.
- All charts, graphs, pictures should be drawn and labeled legibly as "figure 1", "figure 2", etc.
- Captions of the charts, graphs, pictures should be complete enough to allow appreciation of the illustration without referring to the text.
- For the final selection, all the papers will be reviewed and scrutinized by a Technical Committee comprising of subject experts.
- Information about necessary revisions will be communicated to the
  corresponding author through e-mail.
- The author(s) will have to strictly incorporate the suggestions and will have to send the revised camera ready copy of the paper in the given time limit.
- Authors of the accepted papers will be informed through e-mail.
- Book & Certificate will be sent by post.
- All the accepted papers would be published as edited book with ISBN No. with Reputed Publisher. Few selected papers may be published in the journal with ISSN No.

Selected and presented papers will be included in ICTACT Journal on Soft Computing- An International Publication of ICT Academy

REGISTRATION FEE

Corporate/Academician/ Research Scholar/ Students: Rs. 1000/-

Registration Fee can be paid in following modes:
1. DD drawn in favour of Maharaja Surajmal Institute payable at Delhi
2. Through NEFT:
   Bank A/C No: 175901000000062   IFSC Code: IOBA0001759
   Indian Overseas Bank, C Block, Janakpuri Branch New Delhi

IMPORTANT DATES
Abstract/Paper Submission (Extended)	:	31st January 2020
Acceptance Notification	:	10th February 2020
Submission of final paper	:	15th February 2020