



IETE NOIDA CENTRE

IETE International Conference on Cyber Threats and Security (IETE ICCTS 2023)

National Capital Region, India

01-02 May 2023

Organising Partner



GCET GREATER NOIDA

IETE ICCTS 2023

National Capital Region India; May 01-02, 2023

Preamble

The IETE International Conference on Cyber Threats and Security is the premier conference towards a clear path to implement cyber resilient strategies, governance, technology and architecture. Innovation and digital transformation is the key for enterprises' long-term sustainability and growth. Governments are relying on technology to fulfil aspirations of the masses. Technological advances in every sector have improved delivery of services as well as the governance. Businesses world over are leveraging technology to transform their business models. Militaries and internal security agencies are making strategic use of technology to modernize. As the digitally connected world has expanded at an extraordinary rate, so too has the scale of vulnerabilities and the frequency of attacks that we face. As a nation we are much the victim of cyber-attacks as any other country. The attackers are both local and global driven by passion for crime such as financial fraud or terrorism; crime syndicates; nation-states attacking directly or using non-state actors for economic and political espionage. Attacks on critical infrastructure and services can have crippling effect on the nation with outcomes similar to those of a traditional war. Several recent examples including ongoing Russia-Ukraine war testify to that. Cybersecurity is central to the national and international security. Increased cyber threat is real, but information security leaders can reinvent security. Security programs need to manage security and risk, identify the right talent and ensure appropriate levels of protection.

The IETE Cyber Security Knowledge Series was launched on Aug 06, 2022 at IETE Noida Centre, which was followed by a Zonal Conference on Cyber Security on 02-03 Sep 2022. The IETE International Conference on Cyber Threats and Security (IETE ICCTS 2023) is being launched as an interdisciplinary conference to be held annually that has participation from a broad technical, security and policy makers community with emphasis on multiple tracks related to cyber threats, security and resilience.

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Welcome

The IETE International Conference on Cyber Threats and Security (IETE ICCTS 2023) will be held at the sprawling campus of Galgotias College of Engineering and Technology (founded in 2000), one of the top ranking technology colleges in India, on May 01 - 02, 2023. The conference will be hosted by The Institution of Electronics and Telecommunication Engineers - IETE (founded in 1953), India's leading recognized professional society devoted to advancement of Science and Technology of Electronics, Telecommunication, IT and related disciplines, serving its 125,000 members through 63 centres all over India and abroad.

The main theme of IETE ICCTS 2023 is "*Cyber Threats, Security and Resilience*". While innovations in ICT are driving unprecedented shift in the industries, the increased digital footprint has brought with it increased complexities, vulnerabilities and risks of cyber-attacks. While the security, scientific, policy makers and business community feel that the technological advancement is necessary, we need to develop a resilient cybersecure infrastructure by through appropriate strategies, architectures, policies and technologies to prevent, assess, forecast and mitigate the risks.

IETE ICCTS 2023 will be an intense two-day conference with keynote talks delivered by world-class experts, expert panel discussions, technical sessions and technology demonstrations.

We kindly invite all IETE ICCTS 2023 authors, speakers, non-authors and sponsors to this event and hope to be able to welcome you in Greater Noida. This in-person event will provide opportunities to network, make new friends and renew old friendships and showcase your products, services and technologies. To this end, IETE ICCTS 2023 will organise a gala social program to complement the intense conference. We hope that you will enjoy the conference and we look forward to welcoming you at IETE ICCTS 2023.

Thanking you,
Conference Co-Patrons and Co-General Chairs

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Key Dates Authors

Submission of Extracts	15 Feb 2023
Communication of Abstract Acceptance	20 Feb 2023
Submission of Full Papers	20 Mar 2023
Communication of Full Papers Acceptance	06 Apr 2023
Registration Fee to be Paid by	10 Apr 2023

Key Dates Non-Authors

Register by	15 Mar 2023 – 10% discount on full fee
Register by	15 Apr 2023 – Full fee
Register after	15 Apr 2023 – 110% of full fee

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Call for Papers : Conference Tracks

Main Theme: Cyber Threats, Security & Resilience

Tracks					
Track I Cyberthreats and Detection	Track II Critical Infrastructure Security	Track III Information & Applications Security and Cryptography	Track IV Network & IoT Security and IoT Forensics	Track V Cyberspace Warfare, Internal Security and Public Safety	Track VI Cyber Resilience
<ul style="list-style-type: none">•Threat detection response techniques•AI & Cyberthreats•Cyberthreats & Industry 4.0•Intrusion detection•Malicious cryptography	<ul style="list-style-type: none">•Physical & Virtual Infrastructure Security•Smart Infrastructure Security – grids, cities, transportation etc.•5G/B5G/6G & Cybersecurity	<ul style="list-style-type: none">•Big data, Cloud Software, Embedded Systems, Mobile and Web Security•Cryptography•Cloud Forensics	<ul style="list-style-type: none">•Network Security•IoT Security•Edge Security•Autonomous Systems Security•AI & ML in Cybersecurity•IoT Forensics and LWC	<ul style="list-style-type: none">•Cyber and Information Warfare,•Autonomous Weapon Systems,•Regulation of AI-Enabled Military Systems•Internal Security and Public Safety.	<ul style="list-style-type: none">•Cyber resilient architectures•Cyber-risk assessment, forecasting and mitigation•Capability development•Cyber hygiene•Business recovery & continuity

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Registration Fee

Author Registration Fee			Key Dates
Corporate Member IETE	Rs 1500.00	USD 40.00	Abstract Submission : 15 Feb 2023 Abstract acceptance : 20 Feb 2023 Full Paper Submission : 20 Mar 2023 Full Paper Acceptance : 06 Apr 2023 Pay Registration Fee : 10 Apr 2023
Non IETE Members	Rs 3000.00	USD 100.00	
Research Scholars	Rs 1000.00	USD 25.00	

Non-Author Registration Fee

	Register by 15 Mar 23 (-10%)		Register by 15 Apr 23 (Full)		Register after 15 Apr 23 (+10%)	
IETE Members	Free	Free	Rs 1000.00	USD 25.00	Rs 1100.00	USD 28.00
Non-IETE Members	Rs 1800.00	USD 45.00	Rs 2000.00	USD 50.00	Rs 2200.00	USD 55.00
Industry Delegates	Rs 9000.00	USD 180.00	Rs 10000.00	USD 250.00	Rs 11000.00	USD 275.00
Industry delegates – 4 Nos	Rs 27000.00	USD 675.00	Rs 30000.00	USD 750.00	Rs 33000.00	USD 825.00

Pay Registration Fee Online

SB A/C No: 398502010090715

IFSC: UBIN0539856

SWIFT Code: UBININBB

Recipient: Institution of Electronics & Telecommunication Engineers

Bank: Union Bank of India, Brahmputra Complex, Sector 29, Noida, Distt: Gautam Buddha Nagar, Uttar Pradesh, PIN: 201301

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Paper Submission Guidelines

The IETE ICCTS 2023 conference will accept

- High-quality research papers
- Scholarly articles relevant to the conference tracks
- Papers analysing the existing literature and providing insights that could not be obtained by simply reading each of the individual papers, commonly referred to as SoK papers.
- Papers from subject matter experts from the industry

The submitted abstract shall be written in MS Word 2013 and above in Times New roman font of size 12 with a line space of 1.15 and shall not exceed one page.

Submitted full paper shall be written in MS Word 2013 and above in Times New Roman Font of size 12 with a line space of 1.5 lines. The paper should not exceed 8 pages containing sufficient detail. The papers will be reviewed by expert reviewers.

All in-person presented papers will be published in e-proceedings. Extended version of a few presented papers at the conference may be selected for publication in "IETE Journal of Research" by Taylor and Francis (SCIE with Impact Factor = 2.33). Select papers out of the rest of the presented papers will be published in UGC Care/Scopus Indexed Journals. Participation certificates will be given to all presenters. Award for best paper presented in each track. Detailed information about the paper submission and guidelines to authors have been posted on the IETE ICCTS 2023 conference website <https://www.iete-iccts.org>

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Conference Committees

Patron Co-Chairs	Prof (Dr) V Gunasekhar Reddy, President IETE Shri Suneel Galgotia, Chairman GCET	Session Co-Chairs	Brig N K Dhand, EC IETE Noida Dr S Pratap Singh, Prof Dept of ECE, GCET Dr Mohd Shahid, Prof Dept of EE GCET	
Conference General Co-Chairs	Col (Dr) Bipin Pandey, Chairman IETE Noida Prof (Dr) Mohd. Asim Quadri, Director GCET	Publicity & Web Content Co-Chairs	Prof Amanpreet Singh Saini Col H K Trivedi, EC IETE Noida Prof Priyanka Rahi Mr Raman Kumar, Honourary Secretary IETE Noida	
Tech Committee Co-Chairs	Dr M H Kori, IETE Distinguished Fellow, Chair Academic Council, Member Governing Council, Technology Advisor SAGE USA Dr Lakshmanan, Prof & Head Dept of ECE GCET	Conference Manager Co-Chairs	Prof Dhinakaran. M Prof Apurva Thakur Prof Gaurav Saxena	
Convenor and Organising Co-Chairs	Col (Dr) P K Sharma, EC IETE Noida Dr Lakshmanan, Prof & Head Dept of ECE GCET Col H K Trivedi, EC IETE Noida Dr. Md Danish Eqbal, Prof & Head Dept of EE GCET	Organising Committee	Prof Gaurav Saxena Prof Shahid Eqbal Prof Saurabh Katiyar Prof Rekha Rani Prof Preeti Dhiman Prof R L Yadav	Prof Thakur Ankit K Prof Pinki Yadav Prof Probeer Sahw Prof Dinesh Prasad Prof Lipika Datta Prof Manoj Saini
Sponsor Co-Chairs	Col Ashok Bhanot, IPC IETE Noida Brig Vinod Tandon, Treasurer IETE Noida Col Manoj Pande, Member Governing Council IETE	Organising Associates	Somya Saxena Vibhor Vishal Soni Masood Asim Shreyansh Kumar Gautam	Aryan Mishra Kunwar Nitesh Singh Aryanshi Dutt Anujaya Singh
Editorial Board Co-Chairs	Dr. S. Pratap Singh, Prof Dept of ECE, GCET Dr Mohd Shahid, Prof Dept of EE GCET			
Organising Secretaries	Dr. Ankit Sharma, Dept of ECE GCET Dr. Amit Kumar Sharma, Dept of EE GCET Mr G P Singh, EC IETE Noida and Ex GM ISRO			

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Sponsorship Opportunity

Interact with professionals, showcase your technology demonstration, and gain insights on improving existing products and new ideas for future products. Hear from innovators, entrepreneurs and architects in cyber security and gain visibility and credibility among industry professionals. As a sponsor, you will also discuss newer ways of mitigating ever-increasing cyber security risk, network with the policy makers, scientific community and other industry professionals. Sponsors will be prominently recognised at the event and on our website as well as in the e-proceedings of the conference.

Four levels of sponsorship with benefits are available to promote your company among international experts and conference attendees. The IETE ICCTS 2023 Sponsor Chairs will work with your company towards maximizing the value of the benefit packages and shall be open to customize a package to best fit your needs. As a Sponsor, your company also becomes eligible to complimentary registrations to the conference. Should you be interested to sponsor the IETE ICCTS 2023, please contact the Sponsor Co-Chairs, Col Ashok Bhanot (+91 99109 90047); Brig Vinod Tandon (+91 79829 27012) and Col Manoj Pande (+91 98682 06103) or email at sponsor@iete-iccts.org.

Pay Sponsorship Fee Online

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Sponsorship Packages

Level	Fee		Benefits
Platinum	Rs 200,000	USD 2,800	<ul style="list-style-type: none">• Four complimentary registrations for conference;• 10% discount on up to 2 registrations for additional company participants;• Logo on conference e-proceedings with link to company's website• Logo on conference website, with link to company's website live for 9 months• Company-supplied banner prominently displayed during the Conference;• Sponsorship highlight by naming your company at the opening and closing.• Company-supplied advertisement material in the conference bag/folder
Gold	Rs 150,000	USD 2,000	<ul style="list-style-type: none">• Three complimentary registrations for conference;• Logo on conference e-proceedings with link to company's website• Logo on conference website, with link to company's website live for 6 months;• Company-supplied banner prominently displayed during the Conference;• Sponsorship highlight by naming your company at the opening and closing• Company-supplied advertisement material in the conference bag/folder
Silver	Rs 100,000	USD 1,400	<ul style="list-style-type: none">• Two complimentary registration to conference;• Logo on conference e-proceedings with link to company's website;• Logo on conference website, with link to company's website live for 4 months.• Company-supplied advertisement material in the conference bag/folder
Bronze	Rs 75,000	USD 1,000	<ul style="list-style-type: none">• Two complimentary registration to conference;• Logo on conference e-proceedings with link to company's website• Logo on conference website, with link to company's website live for 3 months.• Company-supplied advertisement material in the conference bag/folder

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Programme Day 1: 01 May 2023

Inaugural Session	
0830 - 0930	Delegate registration. Delegates are requested to be seated by 09:35 AM
0945 - 1040	Welcome Speeches by Conference Patrons and Chairs
1040 - 1100	Tea Break
1040 - 1125	Keynote Address
1125 - 1150	Keynote Address by the Chief Guest
1150 - 1210	Platinum Sponsor Presentation
1210 - 1240	Valedictory of Inaugural Session and Dissemination of the Day's Programme
1245 - 1330	Lunch break
Track I , Track II and Track III in Parallel	
1330 - 1440	Technical Paper Presentation (20 min per presenter including 5 min Q/A session)
1440 - 1500	Tea break
1500 – 1545	Technical Paper Presentation (20 min per presenter including 5 min Q/A session)
1600 - 1645	Panel Discussion – Combined for all three Tracks

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Programme Day 2: 02 May 2023

Track IV , Track V and Track VI in Parallel	
0830 - 0920	Delegate registration. Delegates are requested to be seated by 09:25 AM
0930 - 1015	Technical Paper Presentation (20 min per presenter including 5 min Q/A session)
1015 – 1035	Tea break
1035 – 1210	Technical Paper Presentation (20 min per presenter including 5 min Q/A session)
1220 – 1300	Panel Discussion – Combined for all three Tracks
1300 - 1400	Lunch break
1400 – 1440	Sponsor Presentation
1440 – 1500	Valedictory Session
1500 - 1540	Tea break, networking and thereafter at the disposal of the delegates
1900 - 2200	Cultural Programme, Networking and Dinner

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About Co-Organisers

IETE. The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognised professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication, IT and related disciplines. Founded in 1953, it serves more than 1, 25,000 members through 63 centres spread all over India and abroad. The Institution provides leadership in scientific and technical areas of direct importance to the national development and economy. Government of India has recognised IETE as a Scientific and Industrial Research Organization (SIRO) and also notified as an Educational Institution of National Eminence. The IETE conducts and sponsors technical meetings, conferences, symposia, and exhibitions all over India, publishes technical journals and provides continuing education as well as career advancement opportunities to its members. **IETE Noida Centre**, established as an independent centre in 2000 actively carries forward the Vision and Mission of IETE and has many successful firsts to its credit in the field of technical excellence.

GCET. Galgotias College of Engineering & Technology (GCET) was founded by Smt. Shakuntla Educational and Welfare Society in 2000. Shri. Suneel Galgotia, a resolute visionary committed to providing world-class technical and management education, is the founder and Chairman, apart from being the Chancellor of Galgotias University and Managing Director of Galgotia Publications Pvt. Ltd., New Delhi. GCET is approved by AICTE, Ministry of HRD, Government of India and affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow. GCET, recognized as one of the top-ranking institutions in the country for imparting high-quality education, promotes all-round professional competence by synergising theoretical knowledge and practical skills. Alumni of GCET have gained professional acclaim at national and international level. The Campus, spread over 19 acres, is located alongside an 8-lane expressway at Greater Noida in the National Capital Region, India. It is truly a self-sufficient campus with spacious and beautifully designed academic buildings, fully secure and comfortable hostels for boys and girls, seminar and conference halls as well as indoor and outdoor games facilities and a multi-cuisine cafeteria.

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Useful Information

Phone Nos: Col P K Sharma +91 98104 64741 | Col H K Trivedi +91 99682 12139 | Prof Lakshmanan +91 96595 53557

Email: info@iete-iccts.org | ietenoidacentre9@gmail.com

Venue: Seminar Hall, Galgotias College of Engineering and Technology, Knowledge Park II, Greater Noida

Google Map Link: <https://goo.gl/maps/LHj6bagxwVQfJNbK8>

Sponsorship: Sponsor Co-Chairs, Col Ashok Bhanot (+91 99109 90047); Brig Vinod Tandon (+91 79829 27012); Col Manoj Pande (+91 98682 06103) or email at sponsor@iete-iccts.org

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Paper Submission: For any clarification on submission of papers contact Prof Lakshmanan +91 96595 53557 or email – conference@iete-iccts.org

Places of Interest: Information about interesting places to visit in NCR and near NCR is given at the conference website <https://iete-iccts.org>