



**GLOBAL COUNTER
TERRORISM COUNCILTM**

PRESENTS

2nd
**Cyber
Security
Conference**



THEME:

CONTOURS OF NATIONAL CYBER FOUNDATION FOR DIGITAL INDIA

UNDER THE PATRONAGE OF



DATE:

APRIL 26 TO APRIL 28, 2023

TIME: 9:30 AM ONWARDS

VENUE:

**THE INSTITUTION OF ENGINEERS (INDIA)
DELHI STATE CENTRE, 'ENGINEERS BHAWAN',
2, BAHADUR SHAH ZAFAR MARG, NEW DELHI-110002**



ABOUT US

Global Counter Terrorism Council(GCTC) is a registered non-profit, non-partisan international think tank initiated by public spirited individuals to awaken further issues of national interest and global conscience about terrorism as a threat to humanity, human security and global peace. Members from diverse backgrounds like former senior bureaucrats, academicians, former officers from the armed forces and paramilitary services, distinguished former diplomats, leading researchers, media analysts, parliamentarians, human right leaders etc. provide support and regularly contribute to the work of the council, with the aim to deliberate on the root causes of global terrorism and to present effective solutions to the problems faced by society and the government.

ESTEEMED PATRONS



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Former Governor & Former Chief
of Army Staff, Indian Army



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Former Cabinet Secretary, Govt. of India



Suresh Prabhu
Former Union Minister for Civil Aviation, Railways,
Commerce & Industry, Chemicals & Fertilizers,
Environments & Forests & Power, Govt. of India
Former G20 & G7 Sherpa & Chancellor-Rishihood
University



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Former DG-BSF, Govt. of India



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Former Defence Secretary, Govt. of India
Former Chief Secretary-Uttar Pradesh



Shashank IFS (Retd)
Former Foreign Secretary,
Govt. of India

GCTC
CYBER SECURITY
CONFERENCE 2023

AGENDA

GCTC Cyber Security Conference, is a 3-day event, consisting of a grand and cutting-edge Conference. It correlates with the objectives and scope of Vision of **Honourable Prime Minister of India Shri Narendra Modi**, which considers Cyber Security an utmost important topic for India and our industries & government entities. The Conference aims to facilitate knowledge sharing on the subject of cyber security, enhance cyber resilience, fight cybercrime and boost innovation, As the increase and acceleration of digitisation brings new cyber threats to our world.

Each year, GCTC attracts market-leading global organisations, government officials, world-renowned speakers, innovative startups, and investors from all sectors.

GCTC has hosted Cyber Conference since 2021, is the place to foster investments and explore new opportunities with the public and private sector in India. While leading players from more than 30 countries gather together, participants can use the GCTC Cyber Security Platform to schedule business meetings. Conference sessions will cover a diverse array of topics and sectors - from digital leadership to economy, investment, law & policy to data protection and privacy.

For more information on Cyber Conference, visit our website and do subscribe to our **Social Media Platforms**

ADVANCING CONVERSATION ON GLOBAL CYBER SECURITY 2023 TOPICS:

Data Protection & Privacy	Cloud Security	Youth in Cyber	International Corporation
CEO's Forum & Digital Leadership	Fintech & Blockchain	Cyber Insurance	Maritime & Aviation Cyber security
Artificial Intelligence & Machine Learning	Digital Economy	Incidence Response	Crypto currency Exchange
Critical Information & Infrastructure	Cyber Policy	Cyber Threat Intelligence	Digital & Mobile Forensics
5G & Telecommunication	Start Up Showcase	Cyber Law & Regulation	Cyber-Physical Security
Investigating & Prosecuting Cyber Crime	Digital Rights	SOC Operations	GDPR & Privacy



ORGANISING CUM TECHNICAL COMMITTEE



DR. NIRMALJEET S. KALSI, IAS (RETD)
Chairperson, NCVET & Former
ACS(Home), Govt. of Punjab



DR. J.M. VYAS
Vice Chancellor- National
Forensic Sciences
University, Gujarat



**LT GEN RAJ SHUKLA,
PVSM, YSM, SM, ADC (RETD)**
Member-UPSC Former
GOC-in-C, ARTRAC, Indian
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**REAR ADMIRAL (DR.) SANATAN
KULSRESTHA (RETD)**
Former DG-Naval Armament
Inspection, Indian Navy



ABHISHEK SINGH, IAS
CEO, Digital India
Corporation & CEO, NeGD, GOI



CLEO PASKAL
Non-Resident Senior
Fellow, FDD, U.S.A.



**MAJ GEN NILENDRA
KUMAR, AVSM, VSM (RTD)**
Executive President- ISIL



PRABHA RAO, IPS (RETD)
Former Special Secretary,
Cabinet Secretariat,
Government of India



DR. VISHWA MOHAN BANSAL, IAS (RETD)
Chairman, New Delhi
Institute of Management



NAPPINAI NS
Advocate, Supreme Court of
India & Founder - Cyber Saathi
Foundation



PANKAJ KHURANA
Partner, EY



DR. MADAN OBEROI, IPS
Executive Director (Technology &
Innovation), Interpol



CAPT VINEET KUMAR (RETD)
Founder & CEO,
CyberPeace Foundation



Gp Capt Ashok Kumar (Retd)
Former Director, IT &
Security, DIPAC, MOD



PROF HUZUR SARAN
Professor. Dept. of Comp.
Sc. & Eng., IIT, Delhi



MANISH SHANKAR SHARMA, IPS
Additional Director General of
Police, Madhya Pradesh



EREZ KRIENER
Former Director-National
Cyber Security Authority,
Israel



DR. YASK SHARMA
CISO, Indian Oil Corp. Ltd.



DR. SRIRAM BIRUDAVOLU
CEO, Cyber Security Centre of
Excellence, Telangana



PAOLO LEZZI
Founder & CEO,
InTheCyber Group

WHAT EXPERTS SAY ?

FROM THE PATRON'S DESK



Dear Participants,

It is a great honor to extend my greetings and support for this important conference. The theme of the conference is highly relevant in today's world as we are constantly facing new challenges and threats in cyberspace.

Cyberspace has become an indispensable part of our daily lives, and the security of this domain is of utmost importance for the well being of individuals, organizations, and nations. The increasing reliance on technology has also made it a target for malicious actors, who use it to carry out cyberattacks that can cause widespread damage.

Therefore, it is imperative that we bring together experts from various fields to discuss and find solutions to the challenges in cyberspace. I am confident that this conference will provide a platform for participants to exchange ideas, share best practices, and come up with tangible solutions that can serve as suitable policy inputs.

I wish the conference all the success and look forward to hearing about the outcomes and recommendations that emerge from the discussions.

Kind Regards,

Suresh Prabhu

Patron-GCTC
Former Union Minister for Civil Aviation,
Railways, Commerce & Industry, Chemicals &
Fertilizers, Environments & Forests & Power,
Govt. of India
Former G20 & G7 Sherpa
Chancellor-Rishikesh University

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FROM NATIONAL CYBER SECURITY COORDINATOR'S DESK



Lt General (Dr) Rajesh Pant,
PVSM AVSM VSM (Retd)
National Cyber Security Coordinator &
Special Secretary to Government of India
Tel. : 011-23747965, 011-23451306
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Message

At the outset, I must compliment the team of the Global Counter Terrorism Council for meticulously organizing the three day event 'GCTC Cyber Security Conference 2023'. As a direct outcome of this, major organisations are boosting internal investments in cybersecurity and collaborating with industry tycoons to protect their customers' data. Further the tech talent and skill crisis will continue to affect the data privacy sector disproportionately as the number of job openings for cybersecurity experts is increasing faster than the supply of these specialists.

The fifth generation of wireless technology is already here. Telecommunications companies like Ericsson, Nokia, AT & T, Reliance and Sprint have begun testing and rolling out 5G service in major cities of the world. This makes the expanded IoT a nightmare for cybersecurity experts, who must figure out how to protect cell phones, security systems and more devices from being breached.

Events like the GCTC cyber conference hold key importance in showcasing the Technologies, Solutions and Products with bringing the best minds and institutions together to explore solutions to these pressing challenges in the cyber domain. This is critical if we are to enable India to become a \$5 trillion economy and secure our critical infrastructure. As India seeks to showcase its digital transformation through its G20 presidency, it is imperative that we also invest in safeguarding this digital space, so that these best practices can be emulated the world over.

My best wishes to your visionary effort for contributing to the creation of a Cyber Resilient & Aatmanirbhar Bharat.

'Jai Hind'

Place : New Delhi

Dated : 23 February 2023

(Rajesh Pant)

FROM THE CONFERENCE CHAIRPERSON'S DESK



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Dr. Nirmaljeet Singh Kalsi, IAS (Retd.)
Chairperson



राष्ट्रीय व्यावसायिक शिक्षा और प्रशिक्षण परिषद
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NATIONAL COUNCIL FOR VOCATIONAL EDUCATION AND TRAINING
Ministry of Skill Development and Entrepreneurship
Government of India
Kaushal Bhawan, B-2, Pusa Road, New Delhi - 110005

Message

The need to secure cyberspace has probably never been more paramount since the advent of the internet, as it is now. With hackers trying to break into a computer every 40 seconds on an average, cybersecurity continues to be the **primary "external concern"** for Indian policymakers and industry leaders, regardless of their industry. The cost of cybercrime is predicted to hit **\$8 trillion in 2023 and will grow to \$10.5 trillion by 2025**, according to Cybersecurity Ventures' "2022 Official Cybercrime Report."

As a direct outcome of this, major organisations are **boosting internal investments** in cybersecurity and collaborating with industry tycoons to protect their customers' data. Looking forward, the next couple of years shall be the years when **several cybersecurity trends converge**. The tracks of 5G, AI/ML and the Internet of Things (IoT) will also add billions of internet-connected devices into the world, each of which is a potential target for hackers. Further, **the tech talent and skill crisis will continue to affect the data privacy sector disproportionately as the number of job openings for cybersecurity experts is increasing faster than the supply of these specialists.**

5th generation (5G) tech is important because it will make IoT a reality. This interconnected network of internet-enabled devices already exists. However, its potential is limited by the slow speeds of 4G wireless. The ultra-fast 5G network will allow these devices to transfer exponentially more information, with download speeds of up to 10 Gbps. The upcoming 5G rollout is one reason why experts predict that more than **40 billion devices** will be connected to the internet by the end of 2023. Unfortunately, all of them will be exposed to security threats. In fact, research has highlighted that the **"first wave of IoT attacks"** had already begun in 2016.

The fifth generation of wireless technology is already here. Telecommunications companies like AT&T, Reliance and Sprint have begun testing and rolling out 5G service in major cities of the world. This makes the expanded IoT a nightmare for cybersecurity experts, who must figure out how to protect cell phones, security systems, vehicles, smart homes and more devices from being breached.

Events like the GCTC cyber conference hold key importance in showcasing the Technologies, Solutions and Products with bringing the best minds and institutions together to ideate and explore solutions to these pressing challenges in the cyber domain. This is critical if we are to enable India to become a \$5 trillion economy and secure our critical infrastructure. As India seeks to showcase its digital transformation through its G20 presidency, it is imperative that we also invest in safeguarding this digital space, so that these best practices can be emulated the world over.

I look forward to the outcomes from this conference, which I believe will serve as relevant policy suggestions for different stakeholders. I wish the conference the very best.

(Dr. Nirmaljeet Singh Kalsi)

FROM MICHAEL CHERTOFF FORMER SECRETARY OF STATE, DEPARTMENT OF HOMELAND SECURITY, U.S.A.



Let me congratulate those attending the 2023 Cyber Security conference hosted by the GCTC

This is a particularly opportune moment to convene a global assembly of public and private actors concerned about preserving the integrity and security of the internet, and the functions that depend upon it. Daily news stories recount increasingly large financial frauds that are executed through hacking of on-line networks. But in recent years, the advent of ransomware attacks and assaults on critical infrastructure have threatened the functioning of health care and energy systems. These cyber attacks are not only the result of criminal exploits, but increasingly are being driven by nation state actors for whom the cyber world is another domain of armed conflict.

These new developments are dramatically illustrated by Russian cyber assaults on critical infrastructure in Ukraine, escalated over the past few years. Other malevolent state actors, like Iran, have also sought to interfere with infrastructure in states they view as hostile. As the scope, scale and seriousness of these cyber assaults increase, it becomes clear that only a global response by law abiding nations, including the public and private sectors, will provide enduring cyber security.

The good news is that international public and private cooperation can increase effective security. As we saw with last year's Russian cyber targeting of Ukrainian networks, transnational cooperation and private sector engagement gave Ukraine the tools to blunt and recover from Russian efforts to disrupt Ukrainian networks. I applaud the organizers of this Conference for facilitating development of a global partnership for a secure cyber world.

Sincerely,

Michael Chertoff

CONFIRMED DIGNITARIES



SURESH PRABHU

Former Union Minister for Civil Aviation, Railways, Commerce & Industry, Chemicals & Fertilizers, Environments & Forests & Power, Govt. of India



MICHAEL CHERTOFF

Former Secretary of State Department of Homeland Security, USA



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Former Foreign Secretary, Govt. of India



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Former Secretary (Power) Govt of India



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Member-Central Electricity Authority & CISO, Ministry of Power, Govt of India



CP GURNANI

Chief Executive Officer & Managing Director, Tech Mahindra



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Former Deputy Governor, Reserve Bank of India Non-Executive Chairman, Yes Bank Ltd



SUMIT GUPTA

Chief Risk Officer, Yes Bank Limited



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G NARENDRA NATH

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Former DG-BSF & DG-NCB



RAJNISH KUMAR
Chairman, BharatPe
Former Chairman, State Bank of India



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Former Special Secretary, Prime Minister's Office, Govt. of India



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MD-Kochi Metro Rail Corporation
Former DGP, Kerala



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Former Judge, Advocate General-Indian Army



CAPT VINEET KUMAR
Founder & CEO
CyberPeace Foundation



BITHAL BHARDWAJ
Group CISO, GMR Group

Please do join us at the

GCTC Cybersecurity Conference 2023

An initiative of Global Counter Terrorism Council

GCTC Conference Secretariat

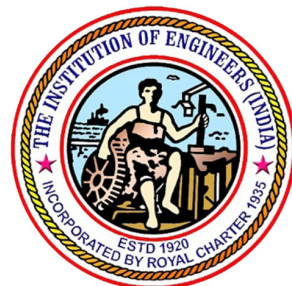
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Our Partners



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An Institution of National Importance
(Ministry of Home Affairs, Government of India)



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CENTRE of EXCELLENCE

A joint initiative of DSCI & Government of Telangana



New Delhi Institute of Management



Building a better
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