



JUNE 2023

THE IISSM NEWS

The International Institute of Security and Safety Management

Editorial

Dear Readers,

Season's Greetings to you all!

We are passing through a new phase in terms of climate change and weather, geopolitical realities and global business especially in the field of Security or related to Security. Security Business is experiencing tremendous change in the mind set of Business leaders and no more they perceive security as an expenditure vertical. But globally this vertical is now being defined or even perceived as part of Environmental Safety and Social Governance (ESG).

The global climate, we are experiencing a serious change every year. Not a single season appears to be natural, reverse is the reality today. The summer this year saw more rainfall in the national capital Delhi region and broke 6 decades record. We are seeing extremes of every season. This year we saw huge snowing in the northern hemisphere and latest rains and flooding in the states of Rajasthan and Gujarat where rains are scanty that too in summer is unheard of. In addition to rains and floods, draughts are also causing havoc at places. About 20 global cities are on the verge of approaching Zero Day scenario. On top of that Disasters like Earthquake and Tsunamis are pretty frequent which contributes towards a net loss of 3 to 4 percentage of national GDP. Actually nature is giving us warning! The humanity has to mend its ways and decide how to treat Mother Nature. It is crying for responsible behaviour from us and if we do not get our acts right, it will be late!

The Europe is still on the boil and there is no respite being seen in the tempo of Russia –Ukraine War.

People were expecting that the war will be over in a week or so but it has taken not only days or weeks, but it has surpassed months and now heading close to complete second anniversary and unfortunately there is no organisation or a country that can mediate and bring this war to an end. Due to this prolonged war, not only global peace is affected but also businesses and half of the world population is facing hunger due to negative impact on supply chain and certainly the food production, which has been reduced to half in Ukraine, a major supplier of wheat to the world.

On the business and economy front, normalcy has returned across the countries. In the Indo Pacific, Sino-Taiwan détente has worsened the global supply chain, production centres are in the process of locational shift. Technology giants are compelled shift their bases to India, Vietnam, Bangladesh and some other countries with political stability with friendly business environment. This certainly will catapult the ASEAN in a growth trajectory and therefore, Security business too is likely to grow. This would create job opportunities in the region and thus there will be need of additional trained manpower across the field.

At the end, I would like to wish you all a great time ahead.

Jai Hind!
Col (Dr.) MP Sen



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“The Future of General AI: Exciting Developments and Priorities for India

Rajan Medhekar IPS (Retd.)

The field of General Artificial Intelligence or General AI is rapidly evolving, and the next five years are poised to be a time of major breakthroughs. It will be interesting to speculate and explore three key areas of AI development that are expected to make significant progress in the coming years: software, hardware, and network infrastructure. It is also important to discuss the ethical implications of AI development. How



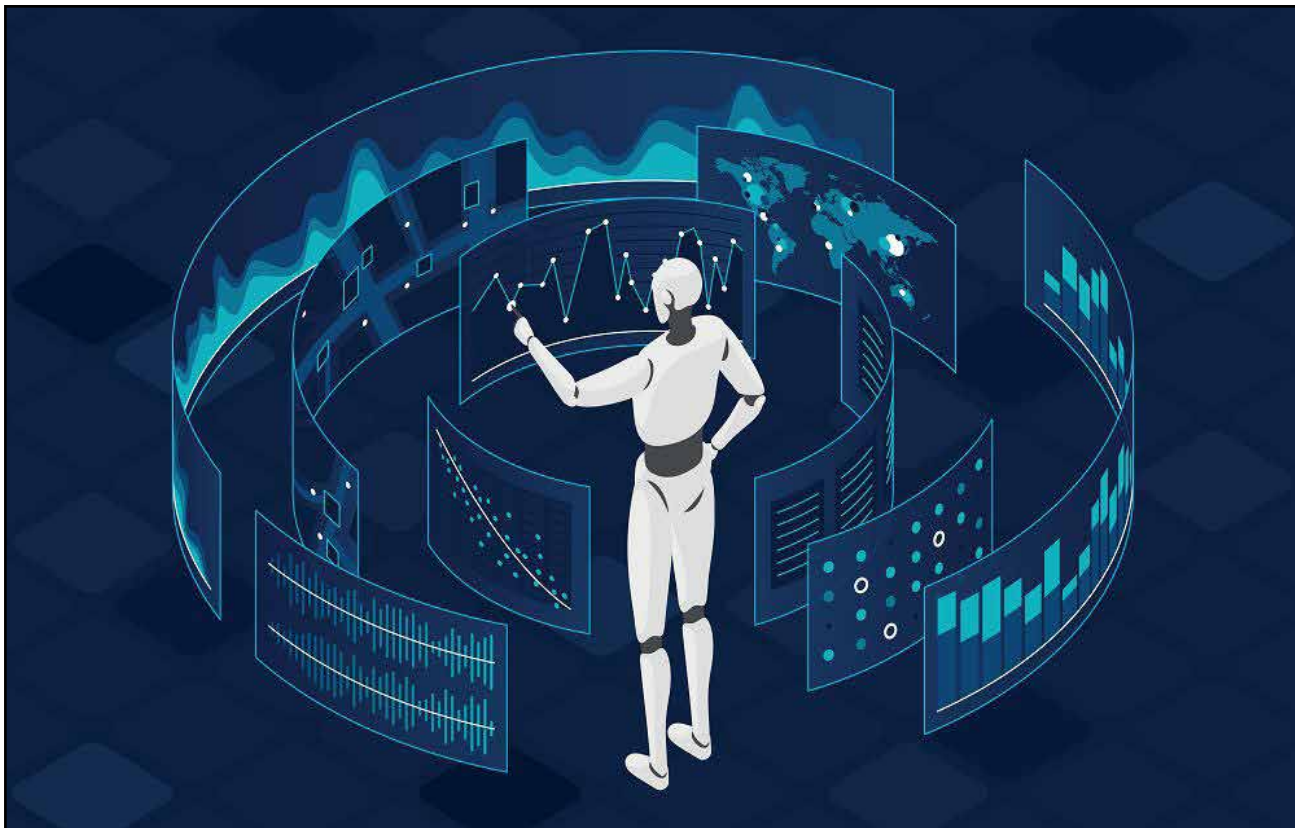
can India position itself to be a leader in this field? What are the key sectors it should focus its attention on? What should be its priorities when it comes to General AI development? These are questions that need to be answered too.

Software Leapfrogging

In the coming year, or Year-1, we can expect to see a major leap in AI software capabilities. Natural language processing (NLP) will become more nuanced, enabling chatbots and virtual assistants to engage in human-like conversations effortlessly. Sentiment analysis and emotion recognition will reach new heights, enabling AI systems to better understand and respond to human emotions. Moreover, we'll witness impressive advancements in computer vision, empowering AI to comprehend visual data with astounding accuracy. These advancements will pave the way for improved customer service, personalized healthcare solutions, and enhanced autonomous systems across industries.

Hardware Revolution

Year-3 will mark a turning point in AI hardware. The development of specialized AI chips, such as neuromorphic processors, will unlock unprecedented computational power, accelerating AI training and inference. Quantum computing will also make significant strides, enabling complex problem-solving and optimization at an unparalleled scale. These hardware breakthroughs will fuel the development of AI-powered robotics,



autonomous vehicles, and intelligent edge devices, revolutionizing industries and driving productivity gains.

Network Intelligence

By Year-5, our interconnected world will be powered by network intelligence. AI algorithms will leverage advanced networking infrastructure to create highly efficient and adaptable systems. The integration of AI into 5G networks will enable real-time decision-making, supporting a wide range of applications, including smart cities, autonomous transportation, and remote healthcare.

Ethical Implications of AI Development

As AI development races forward, it is important to remember that this technology has the potential to be used for both good and harm. It is therefore essential to ensure that AI is developed and used in an ethical manner. Some of the key ethical considerations that need to be addressed include:

- **Transparency:** People should be able to understand how AI systems work and how they are making decisions.
- **Accountability:** There should be someone or something that is accountable for the actions of AI systems.
- **Fairness:** AI systems should not be used to discriminate against or harm individuals or groups.
- **Safety:** AI systems should be designed to be safe and to avoid causing harm.
- **Priorities for India in General AI Development**
- India has the potential to be a global leader in AI development. To achieve this goal, the country needs to focus on the following priorities:
- Fostering collaboration between academia, industry, and government agencies. This will help to nurture talent and innovation in AI.
- Investing in AI education and training programs. This will help to build a

skilled workforce capable of driving AI advancements.

- Establishing clear regulations and guidelines for AI development and usage. This will help to ensure that AI is developed and used in an ethical manner.
- Priority sectors that India should focus its energies and resources on:
- Healthcare: AI has the potential to revolutionize healthcare in India by improving diagnostics, enabling personalized medicine, and optimizing resource allocation. AI-powered systems can analyze vast amounts of medical data, aiding in early detection and accurate diagnosis of diseases. Additionally, AI can facilitate telemedicine initiatives, bringing healthcare access to remote areas and underserved populations.
- Agriculture and Nutrition: India's agricultural sector is vital for the country's food security. AI can contribute to improved crop management, yield prediction, and disease detection, enabling farmers to make data-driven decisions. AI-powered systems can also assist in optimizing the distribution and storage of food, reducing wastage, and ensuring better nutrition for all citizens.
- Education: With a massive youth population, India can benefit from AI-powered educational tools and platforms. Personalized learning experiences, intelligent tutoring systems, and adaptive assessments can enhance the quality of education and bridge the educational divide across urban and rural areas. AI can also facilitate the development of skill-building programs and vocational training, aligning with India's vision of a skilled workforce.
- Infrastructure: AI can be effectively

utilized in infrastructure development. By applying AI in infrastructure development, India can optimize resource allocation, enhance transportation systems, and provide efficient public services, making them more accessible and citizen-centric.

- Sustainability: AI can be used to address some of the world's most pressing sustainability challenges, such as climate change, pollution, and resource depletion. AI-powered systems can help to optimize energy use, reduce waste, and develop new technologies for renewable energy.

These are just a few of the many priority sectors that India should focus its energies and resources on. By investing in AI, and General AI in particular India can position itself to be a global leader in this field and reap the benefits of this technology for the benefit of its citizens.

The future of AI is bright, but it is important to ensure that this technology is developed and used in an ethical manner. By setting priorities as suggested in this essay, India can position itself to be a global leader in AI development and reap the benefits of this technology for the benefit of its citizens.

(About the Author: Shri Rajan K Medhekar, IPS(Retd) is the Director General of IISSM. He is the former Director General, National Security Guards)

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COURSE REPORT

Baggage Scanning and Image Interpretation Course



The Baggage Screening and Image Interpretation Course has been conducted at IISSM, New Delhi on 26-28 June 2023. This was a first course after the Covid-19 closure of the Institute. The course designed and conducted entirely in house and by making of full use of X-Ray machine (Rapiscan 620XR) and recently procured Simulator Software (Quadratica, UK). Moreover, own staff has conducted the training (B2B) on both the systems.

There were total of 11 participants from Kannanur district of Kerala, Mumbai, Kolkata, Tripura and Delhi. The sessions were based on theoretical training (classroom), Simulator Based Training on CBT package and Practical training on X-Ray machine. The subjects covered are : X-ray Technology and uses for security purposes, Technical

aspects of X-Ray machine, control panels and functions, security features and precautions, basic interpretation using various (density, chemical composition and colour coding) methods, techniques to identify hazardous, prohibited items, IEDs, daily usage items and comparison with actual items and X-ray images and Test procedures using CTP Box. Large number of bags was prepared for training and Tests.

The following Faculty Members conducted the Course :-

Col (Dr.) MP Sen, IISSM.

Mr. Anubhav Jaiswal (Visiting Faculty).

The following Members of the IISSM staff assisted:-

Mr. Praveen Kumar: on Simulator Software.



Mr. Vinod Rawat: on X-Ray machine
Mr. Deepak Bhardwaj: on X-Ray machine.

It was a great experience to witness keen interest being taken by the participants in new technologies in the field of Baggage Screening and Image Interpretation. There had been healthy interactions between the participants and the Faculty members.

All the Participants expressed that they would propagate this programme to be attended by their colleagues in the profession. They also felt that this course should be attended by their superior officers as well.

Overall the course was very well received and appreciated by the participants.



Few Quotes from Participants on Overall Assessment of the Course are mentioned below :-



Mr Victor Thapa, Airport Operation & Customer Service, Air Asia India Ltd, Kolkata

“The overall assessment of the program is that it is very helpful and faculties helped us a lot to clear our doubts”



Mr Pronoba Bhaskar Dey, Executive Security, Kolkata

“Overall practical and theory, both the classes are up to the mark or you can say above the expectations”



Mr Prabal Gupta, Executive Security, Indigo, Kolkata

“Great”



Mr Shekhar Dharmaraj Pawar, Security Supervisor, G4S Secure Solutions India Pvt Ltd., Mumbai

“The course is excellent. The staff and teachers are supportive. Thanks for guidance”



CERTIFIED INFORMATION SECURITY PROFESSIONAL'S COURSE

(Virtual Class)

08-09 & 15-16 July, 2023
1000-1700 Hrs.

FEE Rs. 20,000.00 (Rupees Twenty Thousand only)
PLUS GST 18% applicable
GST No. 07AAAT14578H1ZG

OBJECTIVE

Today's Security professionals are at the precipice of uncertainties of times due to cruel business environments. Crisis may occur at any point of time as best of the companies are moving from physical guarding based security system to high end technology based systems which are based on Information systems. In addition, it may be possible that position of Chief Security Officer (CSO) be scrapped and taken over the CISOs. Now-a-days many of the Security officers are B.Tech (Computer Science) who need to upgrade themselves with the latest systems and practices, so that they can aspire to be upgraded as CISOs in due course.

DESCRIPTION

The training will be through a judicious mix of lectures, presentations, analytical discussions on a virtual classroom mode to cover the following:

- Fundamentals of Information Technology & Information Security
- Information Security Governance, Policies and Procedures.
- Digital Transformation Strategy and program Development.
- Disaster Recovery & Business Continuity Management.
- Cyber Security and Cyber Resilience.
- IOT, Endpoint Security and Data Loss Prevention.
- Artificial Intelligence and Cyber Security Applications.
- Data Centre Operations and Risk management.
- Information Security Incident & Response Management.
- Dark Web
- Cloud Computing and Cloud Security.
- Info Security Risk management.
- Cyber Laws and IT Act 2000.
- BlockChain and Bitcoin: Technology, Security & Applications.
- Information Security Management Case Study.

COURSE DIRECTOR

Col (Dr) MP Sen (Retd) is highly accomplished professional with 32 years of experience (21 years in Army) in the fields of Telecom Infrastructure business, Cyber Security and Defence Strategy. In addition, he also has been into the education as CEO of Marudhara Education Group and raised Marudhara Defence Academy at Laxmangarh, Rajasthan.

He is M.Sc (Physics), M.Tech in (Telecom & IT), M.Sc (Defence & Strategic Studies), PGD(HR) and Ph.D from Jadavpur University, Kolkata.

Presently he is the Director - Courses at International Institute of Security and Safety Management, New Delhi.

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New Delhi

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Mr. Vinod Rawat on 09582026101



ACCESS CONTROL & SECURITY MANAGEMENT

11-13 July' 2023

Virtual
1000:1700 hrs.

General

This course has been designed to provide an in-depth knowledge and training to the management professionals on deployment and use of various latest technological systems to augment and support the existing physical security,

Aim

To train managers and professionals with latest technological tools to augment existing security systems with respect to Access Control and Security Management.

Who should Attend?

- Security Managers and Professionals
- HR & Admin Professionals
- Logistics Professionals & Executives
- Safety Professionals & Executives
- Fleet Managers & Control Room Executives

Description

Changing Pattern of Crimes, Comprehensive Industrial and Corporate Security & Safety Management, Information Security, Cyber Frauds and Data protection, Technology in Security & Safety Management - Access Control Systems, Visitor Management, CCTV and its uses, Biometric Devices, GPS, RFID, X-BIS (Baggage Screening), IED and Bomb Threats handling, Handling of Visitors with soft skills, Parking management Systems, Movement of Goods and Security of Logistics vehicles, Functioning of a Control Room, actions in case of disasters like Fire and other emergencies, useful Dos and Don'ts in Access Control Management.

Course Director :

Col (Dr) MP Sen (Retd) is highly accomplished professional with 32 years of experience (21 years in Army) in the fields of Telecom Infrastructure business, Cyber Security and Defence Strategy. He is M.Sc (Physics), M.Tech in (Telecom & IT), M.Sc (Defence & Strategic Studies), PGD(HR) and Ph.D from Jadavpur University, Kolkata.

Presently he is the Director – Courses at International Institute of Security and Safety Management, New Delhi.

Course Fee : Rs.15,000/- plus 18% GST.

Contact :

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mail at vinod.rawat@iissm.com
helpdesk@iissm.com

Certificate Course on Corporate Vigilance

18-19 July, 2023

1000-1700 Hrs. (Virtual Classroom)

Who should attend ?

- Security Officers
- Fire Safety Officers
- HR / Administration Managers responsible for Vigilance
- Security and Fire officers and
- Operational Managers of Security Service Providers.

Objective

On completion of the course, the participants will be up skilled on matters of Security, Safety and Vigilance Management in Corporate and would be competent to handle the Security and Vigilance related Operational and Administrative tasks.

Course Contents

- Corporate Vigilance - Overview & Preventive Aspects.
- Vigilance - Legal Aspects.
- Vigilance Operation - Investigation, Verifications & Screening
- Risk Assessment
- IT Act and legal framework.
- Cyber Security & Data Protection.
- Fraud detection
- Investigation, report writing and FIR.

Course Fee

Registration Fee : Rs 10,000/-
(Rupees Ten Thousand Only) plus
GST 18% applicable.

Course Director

Col (Dr) MP Sen (Retd) is highly accomplished professional with 32 years of experience (21 years in Army) in the fields of Telecom Infrastructure business, Cyber Security and Defence Strategy. He was commissioned into the Corps of Signals and Commanded a prestigious Divisional Signal Regiment. He is an alumni of Defence Services Staff College, Wellington, India.

He is M.Sc (Physics), M.Tech in (Telecom & IT), M.Sc (Defence & Strategic Studies), PGD(HR) and Ph.D in Conflict Management from Jadavpur University, Kolkata. He has authored a book titled "Naga Movement: Longest Surviving Insurgency in Asia" and contributed articles in various newspapers, journals and magazines.

Presently he is working as the Director – Courses at International Institute of Security and Safety Management, New Delhi.

Register
Now



Ms Rajshri Kumari on 9999211650
Mr. Vinod Rawat on 9582026101

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CERTIFIED SECURITY PRACTITIONER

(Virtual Class)

The Certified Security Practitioner course is the most popular programme of IISSM ever since 1992.

Various companies such as : ACC Cements, ACE Detective, Adani Power, American Express, Bank of India, Bharti Airtel Limited etc., attended the course and get CERTIFIED as CSP.

Course Details

- Risk Assessment.
- Industrial Security in different settings.
- Security Survey and Audit
- Aviation Security including BIS (Baggage Scanning & Interpretation).
- Security In Shopping Malls, / Hotels, Hospitals and Banks.
- IEDs and Bomb threat handling.
- Fire Safety Management.
- Disaster Risk Management.
- Business Continuity Plan.
- Technology Applications in Security Management.
- Cyber Security & Data Protection
- Pandemics and Response Management
- Arms Act and Arms Licensing.
- PSAR Act 2005 HR Aspects.
- Case Studies and sharing of Best Practices.

Course Director

Brig (Retd) A K Pathak CSP, CDM & BCP, CFMS was commissioned into the Armoured Corps of the Indian Army in 1974. Had the opportunity to impart training to Post-graduate & Under graduate participants at two Army Schools of Instruction. Retired after over 35 yrs of service in the Army.

Presently, DDG (Academics) and Faculty at IISSM.

Who should attend ?

- Chief of Security
- Head's of Administration
- Entrepreneurs desirous of running and managing their own companies
- Practicing Security Safety, Fire and Disaster Management Professionals.
- Freshly retired Defence Officers/ Para Military Force/ Police officers

Fee : Rs.20,000/-
(plus GST 18% applicable)

Feedback from Participants

"Very good program organized by the IISSM and it is adding value to our professional carrier. This is enhancing our knowledge about the current profile."

Pardeep Kumar,
Shadowfax Technology Pvt Ltd.

"Thank you very much for the elaborative and well-explained presentation. I truly enjoyed this course. I appreciated how the instructor surveyed the class before to get a sense of what we all wanted to take away from the course. The instructors were fantastic-very knowledgeable and willing to answer questions as they came up."

Vijay Kulkarni
Wipro Ltd.

22-23 & 29-30
July 2023
1000-1700 hrs.
Weekend Course
Virtual Class



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