

GEIP/2015-16/TRN/239

7<sup>th</sup> August 2015

Shri Jagmohan Yadav, IPS  
Director General of Police, Uttar Pradesh,  
Police Headquarters, 1, Tilak Marg,  
Lucknow- 226001,  
Uttar Pradesh

Dear Shri Jagmohan Yadav, IPS

Subject: Training Programs on Cyber Security for Police Personnel

Greetings from GLOBAL EDUCATION INDIA PROFESSIONALS LLP. (GEIP)

GEIP is a Limited Liability Partnership Company and is engaged in Consulting (Education, Management, e-Governance, IT Applications in Business, Best Practices & Benchmarks etc.), Training (Management, IT Applications in Business, e-Governance, Best Practices & Benchmarking etc.), Strategic & Financial Advisory Services, and International Education Services.

We have empanelled experts and experienced professionals from different segments as Consultants, Advisers and Trainers to support the need and enable meet the demand for skilled resources. **Our core team has over 100 man years of experience in management, services, entrepreneurship & technology sectors with international exposure.**

Uttar Pradesh is a State in the country already implementing Crime & Criminal Tracking Network & Systems (CCTNS). We are sure that the area of CYBER SECURITY is attracting due attention of the Police Department of the Uttar Pradesh State.

GEIP proposes a four pronged approach for skill up gradation of the police personnel in this important area of Cyber Security:

1. Training & up Skilling of the Police Personnel at the bottom of the pyramid that is Constables to Head Constables,
2. Training & up Skilling of the Police Personnel at the levels of Assistant Sub-Inspectors to Inspectors,
3. Training & up Skilling of the Police Personnel at the levels of Assistant Commissioners to Deputy Commissioners and
4. Training & up Skilling of the Police Personnel who are involved in Cyber Forensic.



These programs have been specially designed for the Police Personnel at the various levels. It does not matter if the participants have or do not have prior knowledge of IT and Cyber Security, but they desire to enhance their Cyber Security knowledge. The acquired operational skills will also be effective for the career progress of individuals working at various levels in Police Departments.

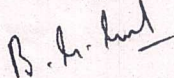
A copy of the detailed brochure for each of the above mentioned program is enclosed, herewith, for consideration and decision.

It will be our privilege to conduct these programs for your department and request you to let us know your requirement, if any, of these programs along with the number of personnel to be trained.

Based on your requirements we will work out our best customized proposal for your approval. Please feel free to be in touch with for any other information needed.

Looking forward for positive response,

With regards



B. G. Gupta  
Senior Consultant

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Mobile: 09312282744  
Landline: 011-29231300, 01, 02



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## INTRODUCTION:

Advances in Information Technology (IT) have made it possible today to make information available in forms and speeds previously unheard of. Information derives its value from the ease with which it is available, the extent to which it is available and the number of persons who can access it. Information has thus become an asset for any person, entity or organization with a rider of vulnerability due to the very reasons it has become an asset.

Rising at an alarming rate, the number of cyber-crimes in the country may double to three lakh or more in next one year and thus pose serious personal, economic and national security challenges. The increasing use of smartphones and tablets for online banking and other financial transactions have increased risks. India has emerged as a favourite among cybercriminals, mostly hackers and other malicious users who use the internet to commit crimes such as identity theft, spamming, phishing and other types of fraud.

There is a felt need for the police to increase monitoring of social media. Special squads may have to be dedicated to investigate cybercrimes and should become operational in each of the police stations in the state. The purpose of these cyber squads will be to take the load off the existing limited cyber police stations, as well as allowing citizens to lodge cybercrime complaint at the closest police station.

At present, police stations are dependent on help from the limited number of 'cyber police stations' and the cybercrime investigation cells that provide technical assistance. The police stations are not self-sufficient to deal the issues on their own capacity.

The solution is obvious, training and up skilling of the entire police force in dealing with the increasing Cyber Crimes in the society.

GEIP proposes a four pronged approach to tackle the situation:

- Training & up Skilling of the Police Personnel at the bottom of the pyramid that is Constables to Head Constables
- Training & up Skilling of the Police Personnel at the middle levels of Assistant Sub-Inspectors to Inspectors
- Training & up Skilling of the Police Personnel at the levels of Assistant Commissioners to Deputy Commissioners and
- Training & up Skilling of the Police Personnel who are involved in Cyber Forensic

## OBJECTIVES:

Is to create basic awareness and impart basic skills on Information Security to variety of IT users. Without burning in the jargon and complexities of technology, the programs will help the IT Users to initiate a reorientation of thinking to effectively utilize the available cyber security tools so that different elements of their job can effectively fit together with IT as the key enabler. Generally the following are the objectives of this Short Seminar:

- To increase awareness on the importance of securing information efficiently.
- To understand the different types of threats, risks and vulnerabilities that exists in both cyberspace environments and to learn effective ways to mitigate the risks.
- To learn more about the different type of effective security management practices and tools that can be used to increase information security.
- To initiate creation of culture of information security among the IT Users.

## CONTENTS:

The programs will expose the participants to the selected information security techniques, their applications and benefits to the organization, preparations necessary prior to their introduction. Costs, training and change management requirements associated with implementation of these applications in the organization. For the personnel of the Police Personnel who are involved in Cyber Forensic, the contents would include:

- Role of police officers in combating with cyber crimes
- Traditional crimes committed by using computers
- Cyber crimes against individuals, property, Government
- Information Technology Act 2008
- Digital signature and Electronic signature
- Crimes relating to Electronic Signature Certificate
- Computer Forensics including forensic analysis of all file systems
- Mobile Forensics, Network Forensics
- Incidence & emergency response services - CERT
- Recovery of Data, Deleted file, Password
- Protected systems, critical infrastructure

## PARTICIPANTS:

These programs have been specially designed for the Police Personnel of the Police Personnel who are involved in Cyber Forensic. It does not matter if the participants have or do not have prior knowledge of IT and Cyber Security, but they desire to enhance their Cyber Security knowledge. The acquired operational skills will also be effective for the career development of individuals working at various levels in Police Departments.

## LEARNING OUTCOME:

- Gain knowledge about the current Technologies in the area of Information Security.
- How to safe guard valuable data for current and future use.
- The precautions to be taken while using and operating Internet, Intranet and Extranets.
- How secure IT systems can help in improving their effectiveness and efficiency.

## PRESENTATION METHODOLOGY:

The programs will be delivered through a judicious mix of lectures, power point presentations, case examples, class exercises and problem solving. There will be Quick Quizzes at the end of the program. A TEST can also be included to ascertain the competency gained.

## DURATION:

The suggested duration of this program is 3 days, about 6 hours per day, with breaks for tea/coffee and lunch.

## CERTIFICATE:

On successful completion of the program the participants would be awarded a Certificate of Participation. A soft master copy of the HANDOUTS will be provided, which can be multiplied for distribution to the participants.



## OUR FACULTIES:

### Mr. B. G. GUPTA



Faculty will be led by Mr. B. G. Gupta, Born 1945. Mr. Gupta holds a B. E. (Mechanical Engineering), M. E. (Production Engineering), P. G. Diploma (Industrial Engineering), with specialization in Management Information Systems from Germany. For more than 40 years, he has been providing training and consultancy services in the area of e-Governance Information Security, IT Applications in Business & Government Preparation & Appraisals, Information Security, Project Management, MIS, BPR/GPR, GIS, ERP, E-commerce, and teaching MBA students at FMS, Delhi, IIT Roorkee, IIMT, and other prestigious Business Schools.

He has conducted more than 1000 training programs and trained more than 40,000 participants. He has consulted about 100 organizations. He has also worked for about 10 years on World Bank Projects in Nigeria and India.

### Mr. RAGHU PATRI:



He is a seasoned professional with rich experience in IT, Healthcare and consulting areas and has worked with in the domestic and international spheres for over two decades.

He is an exceptional leader, with extensive experience across areas of IT Services and ITes, who is able to develop and motivate others to achieve targets. Apart from managing company DATAWISE, Mr. Patri provides consulting and IT building services to the various state governments in India of Information Security Management e-Governance Project Lifecycle Management and Government Process Re-Engineering. He also helps out various state governments in Vendor Assessment for their e-Governance initiatives.



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During an alarming rate, the number of cyber-crimes in the country may double to three lakh or more in next one year and thus pose serious personal, economic and national security challenges. The increasing use of smartphones and tablets for online banking and other financial transactions have increased the risk of cyber-crimes. A large number of cyber-crimes, mostly hackers and other malicious users who use the internet to commit crimes such as identity theft, spamming, phishing and other types of fraud.

There is a felt need for the police to increase monitoring of social media. Special squads may have to be dedicated to investigate cyber-crimes and should become operational in each of the police stations in the state. The purpose of these cyber squads will be to take the lead off the existing limited cyber police stations, as well as allowing citizens to lodge cyber-crime complaint at the closest police station.

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GEIP proposes a four pronged approach to tackle the situation:

- (i) Training & up skilling of the Police Personnel at the bottom of the pyramid that is Constables to Head Constables
- (ii) Training & up skilling of the Police Personnel at the middle of the pyramid that is Inspectors to Deputy Inspectors
- (iii) Training & up skilling of the Police Personnel at the top of the pyramid that is Deputy Inspectors to Inspectors
- (iv) Training & up skilling of the Police Personnel who are at the top of the pyramid that is Inspectors to Deputy Inspectors

## OBJECTIVES:

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## CONTENTS:

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- Information Technology & its role in today's business
- Introduction to Information Security in business
- Security in end user environment
- Physical, Network & Environmental Security
- Operating System Security
- Legal Framework and IT Act 2000
- Securing Business Applications
- Information Security Audit - Concepts & Importance
- Models and Frameworks for Information Security Management
- Disaster Recovery Planning
- Cryptography & Concept of Digital Signatures
- Security Policies, Institutional Framework - CERT India

## PARTICIPANTS:

These programs have been specially designed for the officers at the level Assistant Commissioners to Deputy Commissioners. It does not matter if the participants have or do not have prior knowledge of IT and Cyber Security, but they desire to enhance their Cyber Security knowledge. The acquired operational skills will also be effective for the career development of individuals working at various levels in Police Departments.

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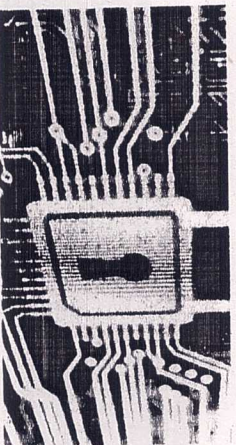
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