Chameli Devi Group of Institutions

FDP

ON

Cyber Crime and Legal Aspect of IT

Presented By:

Swapnil Soner

Asst. Prof. CSE Deptt.

Congratulation Mail!!!

Dear Lucky Winner,

This is to inform you that you have won a prize money of **£500,000.00(Five Hundred Thousand Pounds)** and a Chevrolet Cruze car 2015 model for the New Year **Chevrolet motor Lottery promotion United Kingdom** which is organized by Chevrolet company in conjunction with Chevron Texaco Oil and Gas Company, "Your mobile number" were selected through a computer ballot system drawn from Nine hundred thousand numbers from Canada, Australia, United States, Asia, Europe, Middle East, Africa and Oceanic as part of our international promotions program which is conducted annually, we have only selected 20 people as our winners, through electronic ballot System without the winner applying.

VERIFICATION AND FUNDS RELEASE FORM
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1. Full name:
2. Address:
3. Sex:
4. Age:
5. Telephone Number:
6. Occupation:
7. State:
8. Country:

To file for your claim, please fill and submit your verification form to our Foreign Service manager immediately via email.

Dr. James
Foreign Service Manager
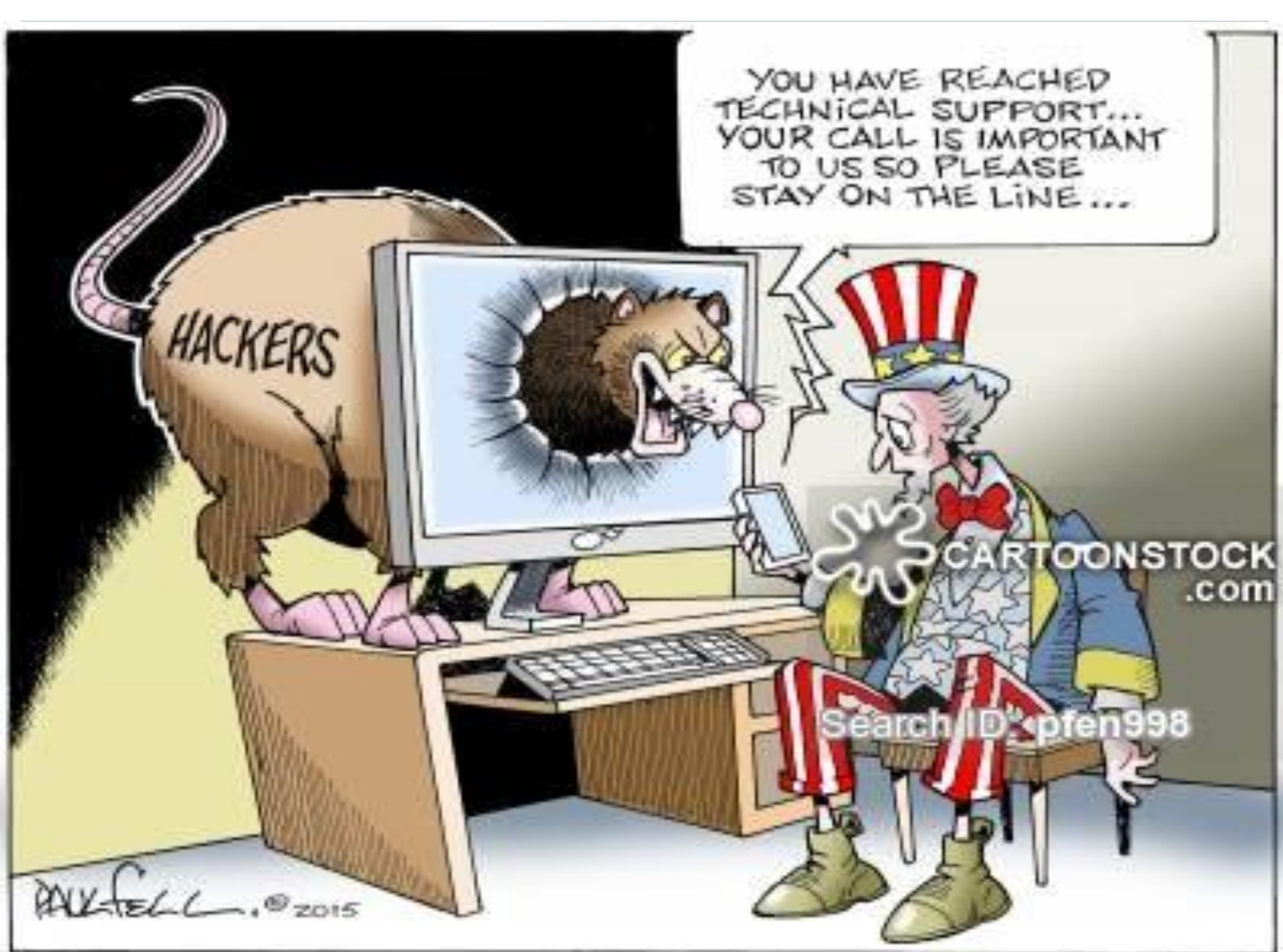Tel: **+447014233853**
Email: **chevrolet.claims2015@outlook.com**

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CYBER CRIME

• No definition specified in the Information Technology Act, 2000 or any other legislation

• All criminal activities done using computers, the Internet, cyber space and the worldwide web(WWW)

• Any offence in which a computer is used is a 'cyber crime'.

Cyber Crimes

1. Hacking

- Gain unauthorized access to data in a system or computer.

➢ Computer experts **Gforce** group managed to break into the high security computer network of **Bhabha Atomic** Research Center but were luckily detected.

2. *Data Theft*

- Without permission of the owner, an attempt is made to download, copy data or information from computer system.

3. *Spreading Virus or worms*

- Virus are harmful programmer which can send a person's data to a third party, delete data on a computer, install unwanted files on the system.

MP: Technical edu director to lose PhD over plagiarism [Data theft and Copyright]

- The Madhya Pradesh's director of technical education Ashish Dongre is set to be stripped of the doctorate degree awarded to him after a high-level committee found him guilty of plagiarism in his PhD thesis.

- The probe panel, comprising professors from the IIT, NLIU and the SGITS, submitted a report to the RGPV in which it said Dongre had copied 112 pages of the thesis from another source. "Dongre's PhD would be cancelled in the executive committee meeting," a university official said

4. *Identity theft*

- A form of fraud in which a person pretend to be someone else by assuming the other person's identity.

5. *E- Mail Spoofing*

- Email spoofing is the creation of email messages with a forged sender address.

Identity Theft

- The Hyderabad police in India arrested an unemployed computer operator and his friend, a steward in a prominent five-star hotel, for *stealing and misusing credit card numbers belonging to hotel customers*. The steward noted down the various details of the credit cards, which were handed by clients of the hotel for paying their bills. Then, he passed all the details to his computer operator friend who used the details to make online purchases on various websites

Fake Profile

Cyber Crime Case: Fake Profile

- Fake Profile use is common in Students. Many cases have been registered against Fake Profiles in Cyber Cell.

- Some months ago, about 12 students of a public school in Sector 7, Chandigarh had made a fake profile of their teacher and posted objectionable comments against her.

CYBER PORNOGRAPHY & CHILD PORNOGRAPHY

* Cyber pornography is believed to be one of the largest businesses on the Internet today.

* The millions of pornographic websites that flourish on the Internet are testimony to this.

* While pornography per se is not illegal in many countries, child pornography is strictly illegal in most nations today.
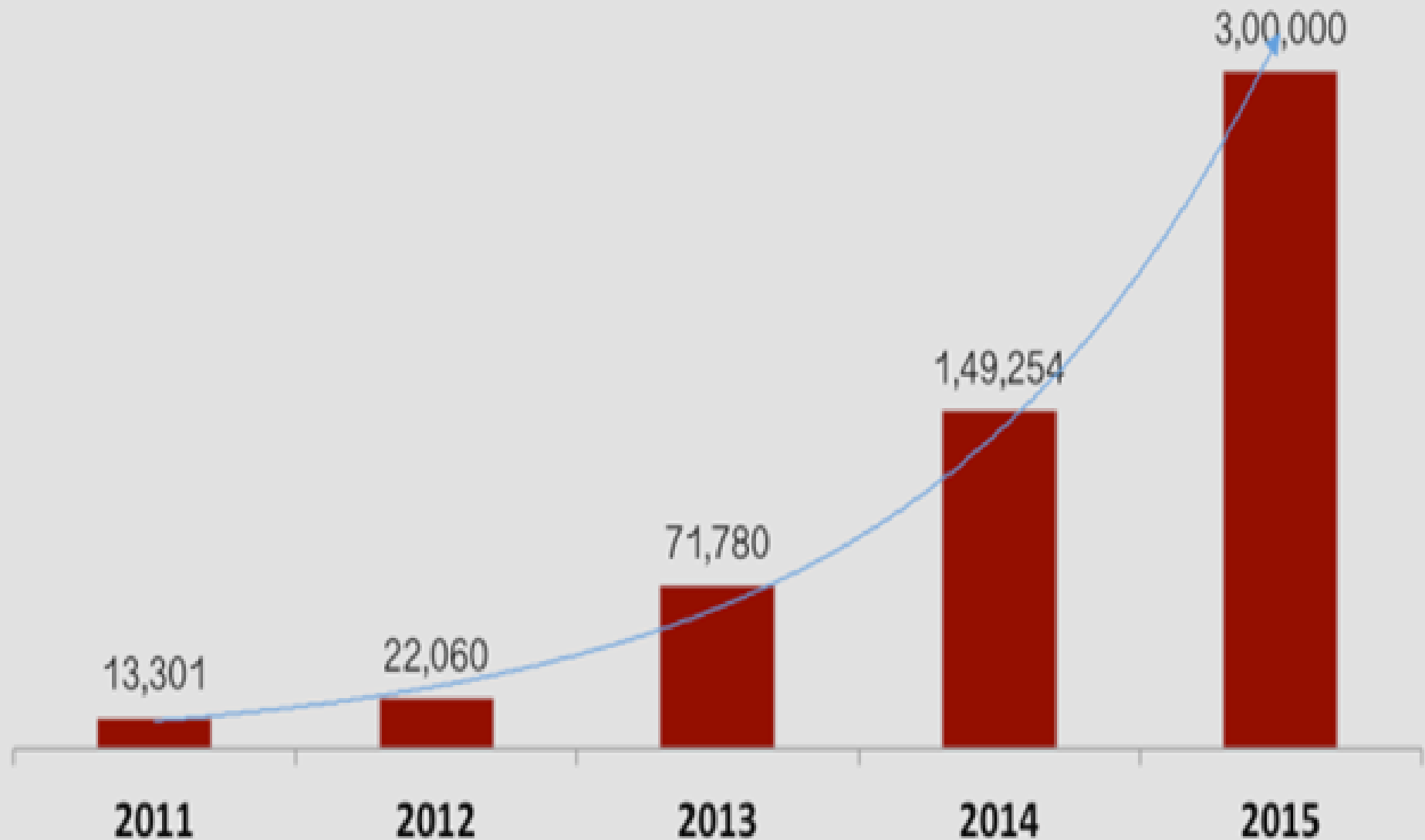
Report It…….Don't Support it

NUMBER OF CYBER CRIME CASES IN INDIA

3,00,000

1,49,254

71,780

22,060

13,301

| 2011 | 2012 | 2013 | 2014 | 2015 |

Cyber Law

- Any law relating to protecting the internet and other communication technologies.

Need for Cyber Law

- Integrity and security of information
- Security of government data
- Intellectual property rights
- Privacy and confidential of information
- Legal status of online transactions

CYBER LAWS IN INDIA

- The Information Technology Act, 2000

- The Information Technology (Amendment) Act, 2008

The Information Technology Act (2000)

The primary source of cyber law in India is the Information Technology Act, 2000 (IT Act) which came into force on 17 October 2000.

The primary purpose of the Act is to provide legal recognition to electronic commerce and to facilitate the filing of electronic records with the Government.

The Information Technology (Amendment) Act, 2008

The Government of India has brought major amendments to ITA-2000 in form of the Information Technology Amendment Act, 2008.

ITAA 2008 (Information Technology Amendment Act 2008) as the new version of Information Technology Act 2000 is often referred has provided additional focus on Information Security.

It has added several new sections on offences including **Cyber Terrorism** and **Data Protection**.

A set of Rules relating to Sensitive Personal Information and Reasonable Security Practices (mentioned in section 43A of the ITAA, 2008) was released in April 2011.

IT Act Section

- **Section 43** – Penalty and Compensation for damage to computer, computer system, etc.

- **Section 66** – Computer Related offenses

- **Section 66A** – Punishment for sending offensive messages through communication service.

- **Section 66C** – Punishment for identity theft

- **Section 66D** – Punishment for cheating by impersonation by using computer resource.

- **Section 66E** – Punishment for violation of privacy

- **Section-66F** Cyber Terrorism Relevant Case

- **Section 67** – Punishment for publishing or transmitting obscene material in electronic form. **(pornography)**

- **Section 67B** – Punishment for publishing or transmitting of material depicting children in sexually explicit act, etc. in electronic form.

WHAT IS CYBER SECURITY?

➢ Cyber security is a branch of computer security specifically related to the Internet.

➢ It's objective is to establish rules and measure to use against attacks over the Internet.

ADVANTAGES OF CYBER SECURITY

➢ Defend us from critical attacks.

➢ Browse the safe website.

➢ Internet security process all the incoming and outgoing data on our computer.

➢ Security will defend from hacks and virus.

➢ The security developers will update their database every week once. Hence the new virus also deleted.
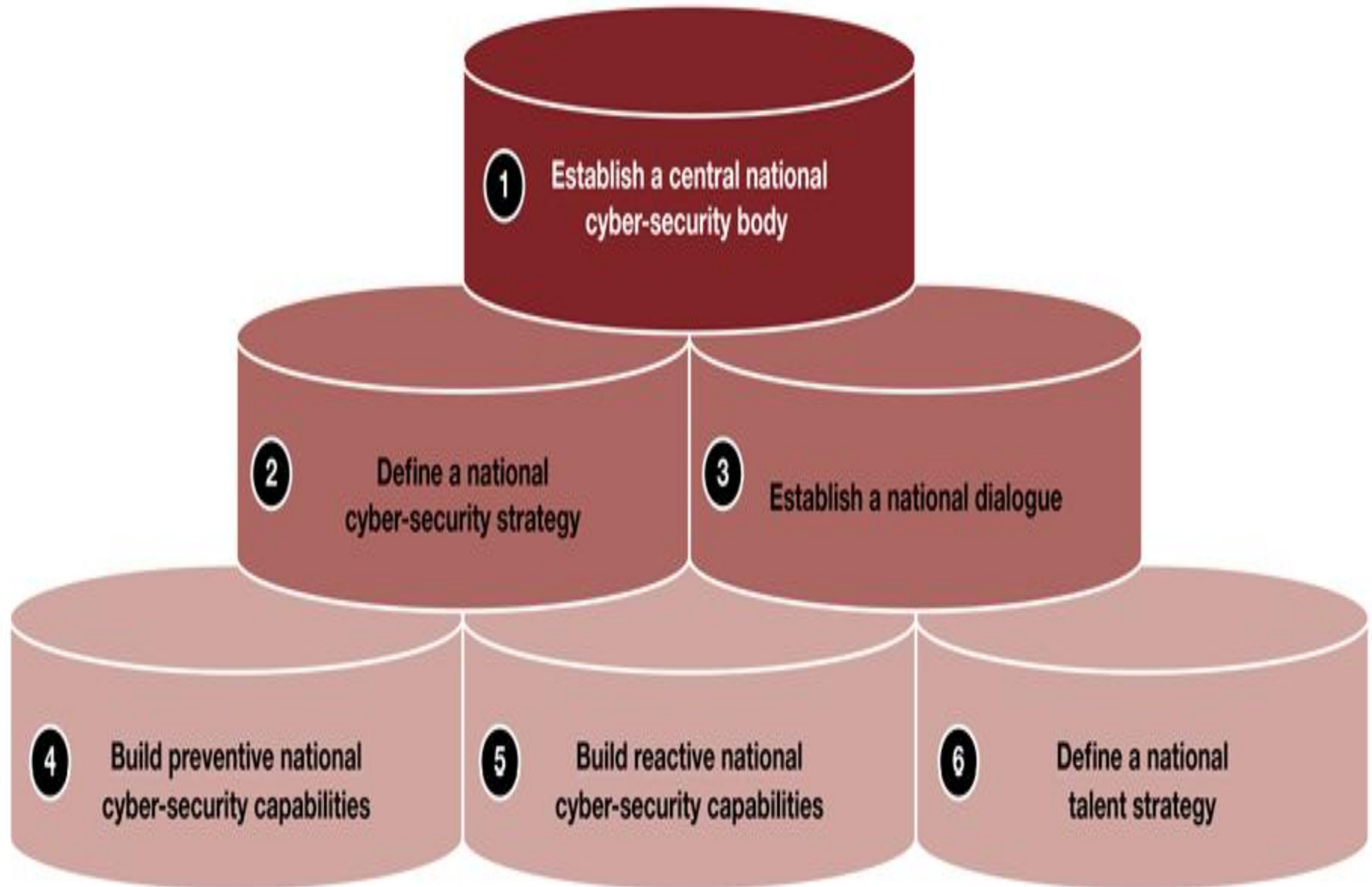
security

INITIATIVES TAKEN BY THE GOVERNMENT FOR PROMOTING CBYER SECURITY

- India has started many good initiatives

- Cyber security has been increasingly evident in the past 2-3 yrs.

India lost $8bn to cyber crime

MR. GULSHAN RAI

In may 2013 Gulshan Rai was appointed as India's first ever National Cyber Security Coordinator.

A practical approach to national cyber security

1 Establish a central national cyber-security body

2 Define a national cyber-security strategy

3 Establish a national dialogue

4 Build preventive national cyber-security capabilities

5 Build reactive national cyber-security capabilities

6 Define a national talent strategy

National Cyber Security Policy Introduced 2 July 2013 by Govt. of India

With the aim to-

- **Monitor and Protect information system.**

- **Effective collaboration for public and private partnership through technical and operation cooperation.**

NATIONAL CYBER SECURITY
AWARENESS MONTH
OCTOBER 2011

STOP. THINK. CONNECT.

- **Emphasizing on promotion of research and development in cyber security.**

- **Developing human resource through education, training programmer, establishing cyber security and training infrastructure.**

Existing Counter Cyber Security Initiatives

1. **National Informatics Center(NIC)-**
   Provide network backbone and e-governance support to the govt bodies.

2. **Indian Computer Emergency Response Team-**
   It ensure security of cyber space in the country

3. Indo US cyber Security Forum-

   Under this forum high power delegation work together.

4. Alliances of cyber security with other nations to fight the cause as global economy- India's ties with US, China and south korea

THANK YOU