



# SECURITY STANDARDS AND CYBER LAWS

# INTRODUCTION

- ▶ **GROWTH OF CYBER SPACE**
- ▶ **ONSET OF INTERNET**
- ▶ **CYBER LAW OR LAW OF INTERNET**



# NEED FOR CYBER LAWS

- ▶ **TACKLING CYBER CRIMES**
- ▶ **INTELLECTUAL PROPERTY RIGHTS AND COPYRIGHTS PROTECTION ACT**




# CYBER LAWS IN INDIA


- ▶ **ITACT PASSED IN 2000**
- ▶ **INTERNET IN INDIA**
- ▶ **IMPLEMENTATION OF CYBER LAW**
- ▶ **REASONS FOR DELAY IN IMPLEMENTATION OF CYBER LAWS IN INDIA**



# IT ACT PROVISIONS

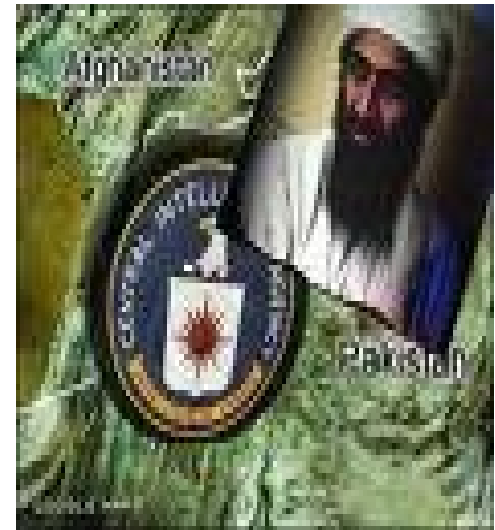
- ▶ email would now be a valid and legal form of communication in our country that can be duly produced and approved in a court of law.
  - ▶ Companies shall now be able to carry out electronic commerce using the legal infrastructure provided by the Act.
  - ▶ Digital signatures have been given legal validity and sanction in the Act.
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# IT ACT PROVISIONS

- ▶ **The Act now allows Government to issue notification on the web thus heralding e-governance**
  - ▶ **statutory remedy in case if anyone breaks into companies computer systems or network and causes damages or copies data**
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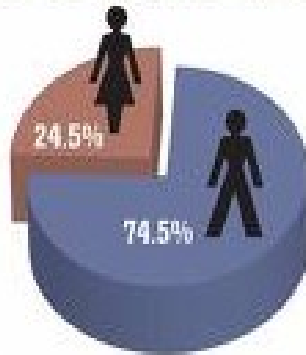
# CYBER CRIMES

- ▶ **CYBER CRIMES AGAINST PERSONS**  
eg 'melissa' and 'lovebug' virus
- ▶ **CYBER CRIMES AGAINST PROPERTY**  
eg computer vandalism
- ▶ **CYBER CRIMES AGAINST GOVERNMENT**
- ▶ eg 'Al-Qaeda'



# CYBER CRIMES

Who's Doing the Crimes?\*



Who's Being Victimized?\*





# CRIME THROUGH ORKUT

- ▶ Koushambi ,24-year old software professional working for TCS was brutally killed by Manish Thakur, in a hotel room at Andheri.



# INTERNET AND ITS EFFECT

- ▶ 20% – 30% of Internet pornography consumption is by children of ages 12 – 17.
- ▶ MySpace is being used by predators to meet and entice kids online.
- ▶ Specific marketing strategies are being used to attract children to porn sites.



# OFFENCES AND LAWS IN CYBER SPACE

- ▶ TAMPERING WITH COMPUTER DOCUMENTS
- ▶ HACKING WITH COMPUTER SYSTEM
- ▶ PUBLISHING OBSCENE MATERIAL ON INTERNET
- ▶ BREACHING OF CONFIDENTIALITY AND PRIVACY



# CYBER LAWS AMENDMENTS

- ▶ **INDIAN PENAL CODE, 1860**
  - ▶ **INDIAN EVIDENCE ACT, 1872**
  - ▶ **BANKER'S BOOK EVIDENCE ACT, 1891**
  - ▶ **GENERAL CLAUSES ACT, 1897**
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