



केन्द्रीय माध्यमिक शिक्षा बोर्ड

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन)

CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organisation Under the Ministry of Education, Govt. of India)



CBSE/ACAD/DS(MS)/2022

Date: 08.08.2022

Circular No: Acad-87/2022

All the Heads of Schools affiliated to CBSE

Subject: Cyber Jaagrookta (Awareness) Diwas – reg.

Dear Principal

The Ministry of Home Affairs (MHA), Govt. of India has launched National Cyber Crime Reporting Portal (NCRP) to facilitate the online reporting of cyber crime incidents. Analysis has revealed that 60% of the complaints are related to online financial frauds. Hence, the MHA has also rolled out the Citizen Financial Cyber Fraud Reporting & Management System (CFCFRMS), as a part of the NCRP for immediate reporting of financial frauds and for stopping the siphoning off of the funds by fraudsters.

One of the key actions for preventing cyber crimes is to generate sustained awareness among public on 'cyber hygiene'. The Ministry of Home Affairs, Govt. of India has requested to observe the 'Cyber Jaagrookta (Awareness) Diwas' on first Wednesday of every month in all educational institutions. Detailed guidelines for cyber safety are attached at Annexure I, II and III.

National Cyber Crime Reporting Portal (<https://www.cybercrime.gov.in>) has already been launched and a toll free helpline number 1930 (earlier helpline number was 155260) to assist the citizens for registration of complaints pertaining to cyber crimes on the portal has also been made available to the public.

You are requested to disseminate the above information among all stakeholders so that awareness may be spread for prevention of cyber frauds.

With Best Wishes

Dr. Joseph Emmanuel
Director (Academics)

Copy to the respective Heads of Directorates, Organizations and Institutions as indicated below with a request to disseminate the information to all the schools under their jurisdiction:

1. The Commissioner, Kendriya Vidyalaya Sangathan, 18 Institutional Area, Shaheed Jeet Singh Marg, New Delhi-16
2. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector-62, Institutional Area, Noida-201309
3. The Secretary, Eklavya Model Residential Schools (EMRS), Ministry of Tribal Affairs, Government of India.
4. The Secretary, Sainik Schools Society, Room No. 101, D-1 Wing, Sena Bhawan, New Delhi-110001.



'शिक्षा सदन', 17 राऊज़ एवेन्यू, इंस्टीट्यूशनल एरिया, नई दिल्ली – 110002

'Shiksha Sadan', 17, Rouse Avenue, Institutional Area, New Delhi – 110002





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CENTRAL BOARD OF SECONDARY EDUCATION

(An Autonomous Organisation Under the Ministry of Education, Govt. of India)



5. The Chairman, Odisha Adarsha Vidyalaya Sangathan, N-1/9, Near Doordarshan Kendra, PO Sainik School Nayapalli, Bhubaneswar, Odhisha-751005.
6. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi-110 054
7. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh-160017
8. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim –737101
9. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar –791 111
10. The Director of Education, Govt. of A&N Islands, Port Blair – 744101
11. The Director of Education, S.I.E., CBSE Cell, VIP Road, Junglee Ghat, P.O. 744103, A&N Island
12. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector -3, Rohini, Delhi
13. The Additional Director General of Army Education, A –Wing, Sena Bhawan, DHQ, PO, New Delhi-110001
14. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRS Building No. 202, Shankar Vihar (Near APS), Delhi Cantt-110010
15. All Regional Directors/Regional Officers of CBSE with the request to send this circular to all the Heads of the affiliated schools of the Board in their respective regions
16. All Joint Secretary/ Deputy Secretary/ Assistant Secretary/SPS / Analyst, CBSE
17. All Head(s)/ In-Charge(s), Centre of Excellence, CBSE
18. In charge IT Unit with the request to put this Circular on the CBSE Academic Website
19. In-Charge, Library
20. The Head (Media & Public Relations), CBSE
21. DS to Chairperson, CBSE
22. SPS to Secretary, CBSE
23. SPS to Director (Academics), CBSE
24. SPS to Director (Information Technology), CBSE
25. SPS to Controller of Examinations, CBSE
26. SPS to Director (Skill Education), CBSE
27. SPS to Director (Professional Examinations), CBSE
28. SPS to Director (Training), CBSE
29. SPS to Director (CTET), CBSE
30. SPS to Director (EDUSAT), CBSE
31. Record File

Director (Academics)



‘शिक्षा सदन’ ,17 राऊज़ एवेन्यू ,इंस्टीट्यूशनल एरिया, नई दिल्ली –110002

‘Shiksha Sadan’, 17, Rouse Avenue, Institutional Area, New Delhi – 110002



Annexure – I
WRITE UP**Government of India**
Ministry of Home Affairs
Indian Cyber Crime Coordination Centre (I4C)
(CIS Division)

Sub: - Observing 'Cyber Jaagrookta (Awareness) Diwas' on first Wednesday of every month.

Introduction

1. Cyber space is a complex and dynamic environment of interactions among people, software and services supported by world-wide distribution of Information and Communication Technology (ICT) devices and networks. On the one hand, cyber space, which cuts across global boundaries has brought in latest innovative technologies and modern gadgets, while on the other hand, it has inevitably led to increased dependencies on computer resources and internet-based professional, business and social networking.
2. The exponential increase in the number of internet users in India and the rapidly evolving technologies have also brought in its own unique challenges, besides aggravating the existing problems of cybercrimes, which is one of the fastest growing forms of transnational and insidious crimes.
3. These technological developments have also led to the proliferation of cybercrimes, which is one of the fastest growing forms of transnational and invisible crimes. The borderless nature of cybercrimes poses challenges in responding effectively due to the limits of cross-border investigation, legal and jurisdictional challenges and diversity in the technological capabilities to combat this virtual crime space spread across the globe.
4. Cyber crimes are generally understood as malware attack (use of malicious software like ransomware, viruses, trojans, spyware, bots etc.), phishing (capturing sensitive information like username, password, credit/debit card details using fake websites, emails etc.), attacks on critical infrastructure, unauthorized data access (data breach), online financial frauds, crimes against women and children like cyber stalking, child pornography etc. It is also seen that around 60% of the cyber crimes reported on National Cyber Crime Reporting Portal (<https://www.cybercrime.gov.in>) relate to online financial frauds.
5. There is a need to increase 'cyber hygiene' for prevention of cyber crimes by inculcating habits of taking basic care of ICT devices at regular intervals, such as, properly shutting down the computer, changing passwords at regular intervals, being cautious against opening of phishing websites along with other websites, precautions to be taken while handling social media platforms, protection against data theft, collection and disposal of e-waste etc.
6. Further, continuous efforts are required on frequent basis to remind the citizens about the cardinal principles of cyber hygiene to ensure safety against cyber

crimes. Cyber hygiene becomes more important on account of ever changing scenarios in cyber space clubbed with technological advancements.

7. Any lapse in cyber security and/or cyber hygiene has the potential to lead to a cybercrime and both these facets are interlinked and require concurrent action of various stakeholders for the protection of Nation's cyber space and ensuring citizen safety in a holistic manner.
8. With evolving technology, cyber criminals use loopholes to conduct cybercrimes. Digital space will see rapid adoption of Cloud, Drones, Robotics, Digital Currency, Internet of Things (Connected Devices), 3D printing, Machine Learning, Virtual & Augmented Reality etc. These technologies can instigate significant risks to Nation's internal security, if these are allowed to be exploited by deviant characters.

Indian Cyber Crime Coordination Centre (I4C) – A Scheme of CIS Division, MHA

9. Cyber space makes geographical boundaries irrelevant and handling cyber-crime requires, besides latest technologies, coordination amongst different stakeholders and different jurisdictions at all levels (District/State/National/Global).
10. To address this problem, MHA has set up Indian Cyber Crime Coordination Centre (I4C) in 2018 for strengthening the overall security apparatus to support States/UTs by providing a common framework to fight against cyber crimes, as enumerated below: -
 - National Cybercrime Reporting Portal (NCRP) for centralized reporting of complaints related to CPRGR & any other cyber-crimes.
 - National Cybercrime Threat Analytical Unit (NCTAU) for bringing together Law Enforcement Agencies to share threat intelligence reports.
 - National Cyber Forensic Laboratory (NCFL) with state of art forensic tools.
 - Platform for Joint Cybercrime Coordination (JCCT) for intelligence led coordinated efforts against cyber-crimes.
 - National Cybercrime Training Centre (NCTC) for advance simulation and training of LEAs on cyber-attacks.
 - National Cybercrime Ecosystem Management Unit (NCEMU) for coordination with Academia, Institutions, Ministries etc.
 - National Cyber Research and Innovation Centre (NCR&IC) to partner with various Institutes for Research and Development in field of cyber-crimes.
11. Due to penetration of high-end technologies like artificial intelligence, block-chain, machine learning, etc., in conjunction with an ever growing number of users 'going online', newer patterns of cyber-threats are emerging. Several of these threats are prejudicial to national security, public order and are exposing nation's critical infrastructure to a complex risk matrix. Thus, there is a need for extensively collaborative and coordinated efforts by various stakeholders to plug in the gaps in a structural and systematic manner.

Mass Awareness Campaign in all the Ministries

12. It is requested to observe '**Cyber Jaagrookta (Awareness) Diwas**' every month in all the offices, branches / sections, PSUs, etc in the Ministry. The main purpose of this initiative is to create awareness for prevention of cyber crimes through

- workshops, seminars, interactive sessions, quiz competitions, best practices, case studies, creative sessions every month on the same day and at the same time.
13. Basic protocols of Cyber Hygiene may also be highlighted during the 'Cyber Jaagrookta Diwas', some of which are mentioned here, to name a few: *shut down the computer, Install and maintain up to date anti-virus software on your computer or device, keep your internet browser up-to-date, be alert to unusual computer activity or problems, use a modern browser with features such as a pop-up blocker, change your passwords often, beware of links sent via instant messaging and e-mail attachments, don't open emails or attachments from people you don't know, don't become online 'friends' with people you don't know, be very careful about sharing content online, use the strongest privacy setting when you set up your profile, avoid joining unknown Wi-Fi networks and using unsecured Wi-Fi hotspots, do not share any information related to sensitive and financial aspects in social networks.*
14. It is further informed that the necessary budgetary provisions will have to be made by the concerned Ministry from its respective budget. The Ministry may explore acknowledging every year 5-10 employees who have made exceptional contribution in generating awareness against cyber crime at their own level, so as to motivate them and inspire their tireless efforts for cyber safe environment. The Ministries may also explore recognizing sections / officials, etc as "Cyber Star" of the month.

Topics to be covered in Cyber Jaagrookta Diwas: -

15. The suggestive topics for creating awareness are highlighted below: -

Unit – I: Cyber Crimes and safety

- Introduction to cyber crimes
- Kinds of cyber crimes: phishing, identify theft, cyber stalking, cyber obscenity, computer vandalism, ransomware, identity theft
- Spotting fake apps and fake news on social media and internet (fake email messages, fake post, fake whatsapp messages, fake customer care/toll free numbers, fake jobs)
- Internet Ethics, internet addiction, ATM scams, online shopping threats, lottery emails/SMS, Debit/Credit card fraud, Email security, mobile phone security
- Mobile apps security, USB Storage Device security,
- Mobile connectivity Security Attacks (Bluetooth, Wi-Fi, Mobile as USB)
- Preventive measures to be taken in Cyber space, reporting of cyber crime
- Forgery and fraud from Mobile Devices
- Cyber risk associated with varied online activities and protection therefrom.
- Work on different digital platforms safely
- Online cybercrimes against women and impersonation scams
- Safety in Online Financial transactions

Unit – II: Concept and use of Cyber Hygiene in daily life

- Browser Security, Desktop security, UPI Security, Juice Jacking, Google Map Security, OTP fraud
- IOT Security, Wi-Fi Security, Spotting fake apps on Social media and Internet (fake email messages, fake post, fake whatsapp messages, fake customer care/toll free numbers, fake jobs)

- Internet ethics, internet addiction, ATM scams, online shopping threats, lottery emails/SMS, loan frauds,
- How to avoid Social Engineering Attacks, debit/credit card fraud, e-mail security, mobile phone security, mobile apps security, USB storage device security, data security
- Mobile connectivity security attacks (Bluetooth, Wi-Fi), mobile as USB, broadband internet security
- Preventive measures to be taken in cyber space, reporting of cyber crime

Unit – III: Introduction to Social Networks

- Social Network and its contents, blogs
- Safe and proper use of social networks inappropriate content on social networks
- Flagging and reporting of inappropriate content

Unit – IV: Electronic Payments and Safeguard therein

- Concept of E payments, ATM and Tele Banking
- Immediate Payment Systems, Mobile Money Transfer and E-Wallets
- Unified Payment Interface (UPI)
- Cyber crimes in Electronic Payments
- KYC: Concept, cases, and safeguards

16. In addition to above, the officials may also be informed about National Cybercrime Reporting Portal(<https://www.cybercrime.gov.in>) and a toll free helpline number 1930 (earlier helpline number was 155260) to assist citizens for registration of complaints pertaining to cyber crimes on the portal. Further, officials may be informed to follow **@cyberdost** Twitter handle, (<https://www.instagram.com/cyberdosti4c>) Instagram handle, (<https://www.facebook.com/CyberDosti4C>) Facebook handle and (<https://www.linkedin.com/company/cyberdosti4c>) LinkedIn handle, which provide regular safety tips relating to prevention of cyber crimes.
17. All the Ministries are requested to prepare an “Annual Action Plan” online/offline program on Cyber Jaagrookta Diwas. The Ministries are free to choose the topics for Cyber awareness and Cyber Hygiene, as per the location of the institutions / offices (village, smaller towns, major cities etc) and may also dovetail schemes/projects of other Ministries, so as to have synergetic efforts in prevention of cyber crimes to citizens.

Annual Action Plan

18. All the Ministries may kindly prepare an “Annual Action Plan” for celebrating **Cyber Jaagrookta Diwas** on every first Wednesday of the month during the period 11am to 12 noon (tentatively) commencing from **6th April, 2022 (Wednesday) onwards**.



ANNEXURE - II



ARE YOU A VICTIM OF CYBER CRIME



**REPORT ANY CYBERCRIME AT
CYBERCRIME.GOV.IN
OR
DIAL 1930 (EARLIER 155260)
FOR ASSISTANCE**

Follow us on:



@CyberDosti4C



@cyberdosti4c



@cyberdost



@cyberdosti4c



@cyberdost.i4c



@cyberdosti4c

Note: All the complaints are handled by respective State/UT Police, as per their jurisdiction



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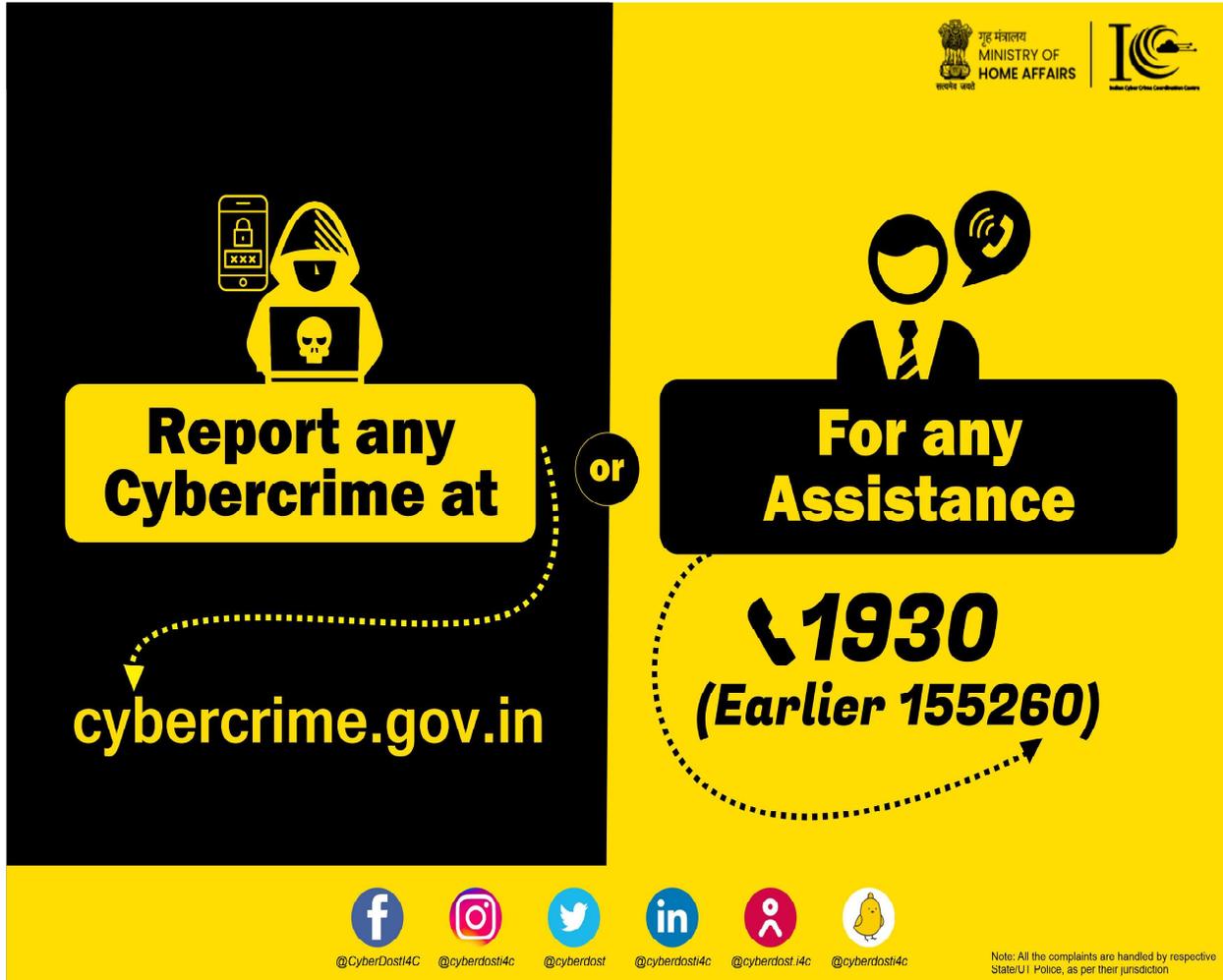
@cyberdost.i4c



@cyberdosti4c

Note: All the complaints are handled by respective State/UT Police, as per their jurisdiction





The poster is split into two vertical panels. The left panel has a black background with a yellow icon of a hooded figure with a skull on their chest, a smartphone with a lock icon and 'XXX', and a laptop with a skull. Below this is a yellow box with the text 'Report any Cybercrime at' and a dotted arrow pointing to the website 'cybercrime.gov.in'. The right panel has a yellow background with a black icon of a person in a suit and a speech bubble. Below this is a black box with the text 'For any Assistance' and a dotted arrow pointing to the phone number '1930 (Earlier 155260)'. At the top right of the right panel are the logos for the Ministry of Home Affairs and the Indian Cyber Crime Coordination Centre. At the bottom are social media icons for Facebook, Instagram, Twitter, LinkedIn, and WhatsApp, each with the handle '@CyberDosti4C'. A note at the bottom right states: 'Note: All the complaints are handled by respective State/UT Police, as per their jurisdiction.'

गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS

Indian Cyber Crime Coordination Centre

Report any
Cybercrime at

or

For any
Assistance

cybercrime.gov.in

1930
(Earlier 155260)

@CyberDosti4C @cyberdosti4c @cyberdost @cyberdosti4c @cyberdost.i4c @cyberdosti4c

Note: All the complaints are handled by respective State/UT Police, as per their jurisdiction.

**Report
Cybercrimes at
cybercrime.gov.in**

or

**Call
1930
(Earlier 155260)
For Assistance**







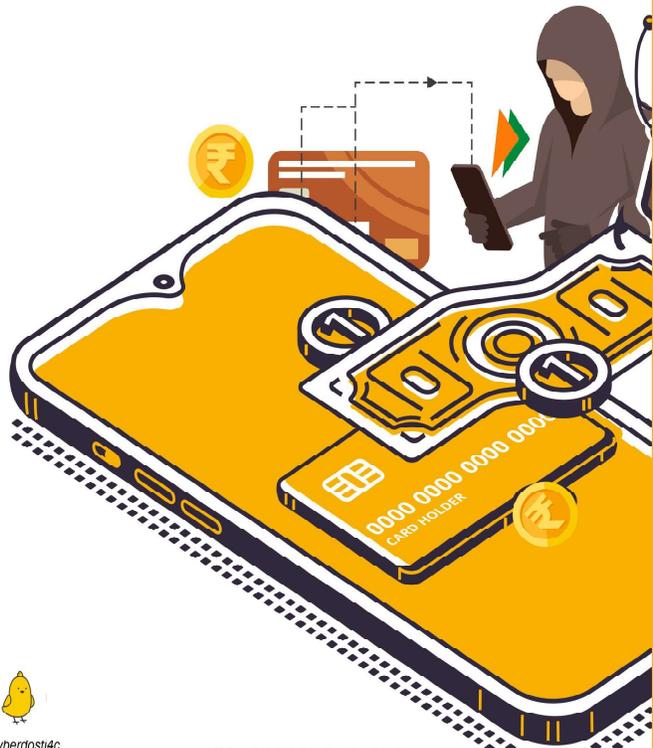

@CyberDostI4C @cyberdostI4c @cyberdost @cyberdostI4c @cyberdost.I4c @cyberdostI4c

Note: All the complaints are handled by respective State/UT Police, as per their jurisdiction



**Report
Cybercrimes at**
cybercrime.gov.in

or
Call
1930
(Earlier 155260)
For Assistance



@CyberDostI4C



@cyberdostI4c



@cyberdost



@cyberdostI4c



@cyberdost.I4c



@cyberdostI4c

Note: All the complaints are handled by respective State/UT Police, as per their jurisdiction



Annexure-IIILIST OF SUGGESTED TOPICS TO BE COVERED BY VARIOUS INSTITUTIONS/
ACADEMIES FOR TRAINEE OFFICERS/OFFICIALS**UNIT I:** Electronics Payments and safeguards therein

- i. Concept of E payments
- ii. ATM and Tele Banking
- iii. Immediate Payment Systems
- iv. Mobile Money Transfer and E-Wallets
- v. Unified Payment Interface
- vi. Cybercrimes in Electronic Payments
- vii. Precautions in Electronics Money Transfer
- viii. RBI Guidelines of Customer Protection in Unauthorized Banking Transactions
- ix. KYC: Concept, cases, and safeguards

UNIT II: Cyber Crimes and safety

- i. Introduction to cybercrimes
- i. Kinds of cybercrimes: phishing, identify theft, cyber stalking, cyber terrorism, cyber obscenity, computer vandalism, Ransomware, Identity Theft
- ii. Forgery and fraud from Mobile Devices
- iii. Cyber risk associated with varied online activities and protection therefrom.
- iv. Work on different digital platforms safely
- v. Online cybercrimes against women and impersonation scams
- vi. Security awareness on Wearable gadgets
- vii. Safety in Online Financial transactions
- viii. Concept and use of Cyber Hygiene in daily life, Browser Security, Wi-Fi Security, UPI Security, Juice Jacking, Google Map Security, OTP fraud, IOT Security, E-mails.
- ix. Reporting of Cyber crime

UNIT III: Introduction to Social Networks

- i. Social Network and its contents, blogs
- ii. Safe and Proper use of Social Networks
- iii. Inappropriate Content on Social Networks
- iv. Flagging and reporting of inappropriate content
- v. Laws regarding posting of inappropriate content

UNIT IV: Introduction to Information and Technology Act, 2000(IT Act), The Indian Wireless Telegraphy Act and their use in Cyber Space

- i. Concepts as defined in IT Act and The Indian Wireless Telegraphy Act
- ii. Communication Device
- iii. Computer, Cyber Security, Data Security
- iv. Secure System
- v. Basic concepts of Block Chain, 5G, IoT, Drones, AI etc.