



# 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/SE/JS/ISEA/2024

27.12.2024

Circular No.: Skill-108/2024

The Heads of all schools affiliated to CBSE

**Subject: National-level Cybersecurity awareness competitions on Safer Internet Day as part of the ISEA Program - reg**

Dear Principal

**Information Security Education and Awareness (ISEA)** is an initiative of the Ministry of Electronics and Information Technology (MeitY), Government of India, with a targeted approach for development of human resources for safe, trusted and secure cyber space. This project is being implemented through 50 premier academic institutions at National level and the Centre for Development of Advanced Computing (C-DAC), Hyderabad is the Project Management Unit for implementing this National initiative.


Further, it has been informed that the **Cyber Aware Digital Naagrik (Mass Awareness) program**, within ISEA, aims to educate **Digital Naagriks** by strengthening cyber hygiene, cybersecurity, and privacy practices nationwide, through extensive mass awareness initiatives, user engagement activities, and role-specific awareness pathways. The program is designed to equip individuals with essential skills, ultimately facilitating career pathways in the field of cybersecurity for users.

As part of this initiative a web portal <https://www.staysafeonline.in> has been developed with abundant multimedia content for various user segments by covering the various emerging areas in cybersecurity. To make the learning journey exciting, flexible and rewarding it includes various activities like quizzes, competitions like **Drawing and Painting, creating a Cartoon story board, Reels / shorts, Slogan Writing, Cyber Awareness Tales: Character-driven storytelling, Short Awareness videos/ Short Film, Technical Papers, My Success Story: Thanks to Digital Naagrik**, alongwith Awards and certificates.

**Guidelines for National level competition can be accessed and entries can be submitted on <https://www.staysafeonline.in/competitions>. Please refer to the attached brochure for details.**

For further details, please contact *Mr. M. Jagadish Babu*, Project Manager- ISEA, Centre for Development of Advanced Computing (C-DAC), Plot No. 6 & 7, Hardware Park, Sy No. 1/1, Srisaillam Highway, Ragannasuda post, Hyderabad-501510, Telangana {Mob.: +91-9849287132; Email: [mjagadish@cdac.in](mailto:mjagadish@cdac.in), [isea@cdac.in](mailto:isea@cdac.in)}.

Let us collaborate to boost cyber security awareness across schools nationwide, thereby contributing to India's goal of becoming a cyber-secure nation.

  
(Dr. Biswajit Saha)  
Director (Skill Education)

**Encl: Ann. A: Brochure – National Level Cybersecurity Competitions**  
**Ann. B: About Information Security Education and Awareness (ISEA)**



‘शिक्षा सदन’, 17, राउज़ एवेन्यू, इंस्टीट्यूशनल एरिया, नई दिल्ली – 110002  
‘Shiksha Sadan’, 17, Rouse Avenue, Institutional Area, New Delhi – 110002





# 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)



**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. *Mr. M. Jagadish Babu*, Project Manager- ISEA, Centre for Development of Advanced Computing (C-DAC), Plot No. 6 & 7, Hardware Park, Sy No. 1/1, Srisailem Highway, Ragannasuda post, Hyderabad-501510, Telangana.
2. The Commissioner, Kendriya Vidyalaya Sangathan, 18, Institutional Area, Shaheed Jeet Singh Marg, Delhi – 110016.
3. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector-62, Institutional Area, Noida - 201309.
4. The Director of Education, Directorate of Education, Government of NCT of Delhi, Old Secretariat, Delhi – 110054.
5. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh – 160017.
6. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim – 737101.
7. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar - 791111.
8. The Director of Education, Govt. of Andaman & Nicobar Islands, Port Blair – 744101.
9. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector 3, Rohini, Delhi-110085.
10. The Secretary, Sainik Schools Society, Room No.101, D-1 Wing, Sena Bhawan, New Delhi-110001.
11. The Additional Director General of Army Education, A – Wing, Sena Bhawan, DHQ, PO, New Delhi – 110001.
12. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar, Delhi Cantt – 110010.
13. The Secretary, Eklaya Model Residential Schools (EMRS), Ministry of Tribal Affairs, Government of India.
14. The Chairman, Odisha Adarsha Vidyalaya Sangathan, N-1/9, Near Doordarshan Kendra, PO Sainik School Nayapalli, Bhubaneswar, Odisha – 751005.
15. The Deputy Secretary to Chairman, CBSE - for kind information of the Chairman, CBSE.
16. All the Heads of Department of the Board.
17. All the Regional Directors/Regional Officers/Head-COE, CBSE with the request to send this circular to all the Heads of the affiliated schools of the Board in their respective regions for compliance.
18. Director/Deputy Secretary (Media & Public Relations), CBSE.
19. Joint Secretary (IT), CBSE, Rouse Avenue with the request to upload this notification on the CBSE Academic website.

**Director (Skill Education)**



‘शिक्षा सदन’, 17, राउज़ एवेन्यू, इंस्टीट्यूशनल एरिया, नई दिल्ली – 110002  
‘Shiksha Sadan’, 17, Rouse Avenue, Institutional Area, New Delhi – 110002





इलेक्ट्रॉनिक्स एवं  
सूचना प्रौद्योगिकी मंत्रालय  
MINISTRY OF  
ELECTRONICS AND  
INFORMATION TECHNOLOGY



www.isea.gov.in



# NATIONAL LEVEL CYBERSECURITY *Competitions*

**Stay Safe Online** program is a **National level** cyber awareness program that aims to educate Digital Naagrik about safe and secure digital practices at different levels starting from Children, Teens, Youth, Teachers, Women, Parent, Senior Citizens, Government Employees, NGOs, Common Service Centres(CSCs), Micro Small Medium Enterprises (MSMEs) through Mass awareness programs, user engagement programs(competitions, quizzes etc) and role-based awareness progression pathways that will help to establish career pathways in the domain of cybersecurity.

As part of this initiative, a web portal

<https://staysafeonline.in>

has been developed with abundant multimedia content for various user segments by covering the various areas of the cybersecurity

To make your learning journey exciting, flexible and rewarding it includes various activities and competitions like

**Quizzes | Drawing and Painting | Creating a Cartoon story board | Reels / shorts**

**Slogan Writing | Cyber Awareness Tales: Character-driven storytelling |**

**Short Awareness videos/ Short Film | Technical Papers | My Success Story: Thanks to Stay Safe Online**

The program also includes **game-based learning, activities, exercises, case studies, Awards and reward points etc.** specifically tailored for different roles to boost engagement and make learning more effective.

## Objective

The objective is to organize these competitions to inculcate Cyber Hygiene among the Digital Naagrik

Cybersecurity competitions theme: Safer Internet day



## Important Dates

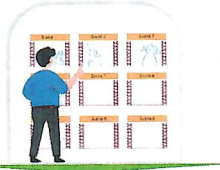
- Last date for submission → **5<sup>th</sup> January 2025**  
Announcement of State level winners → **21<sup>st</sup> January 2025**  
Announcement of National level winners → **30<sup>th</sup> January 2025**  
Award Ceremony → **TBD**

## Types of competitions

These competitions give a unique opportunity to all the participants to showcase their talent and creativity in Cybersecurity domain on the above theme



Drawing / Painting



Cartoon story board



Reels / shorts



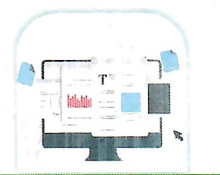
Slogan Writing  
on the theme



Cyber Awareness Tales:  
Character-driven story writing



Short Awareness  
videos/ Short Film



Technical Papers



My Success Story:  
Thanks to Stay safe online

Upload your work

<https://staysafeonline.in/competitions>

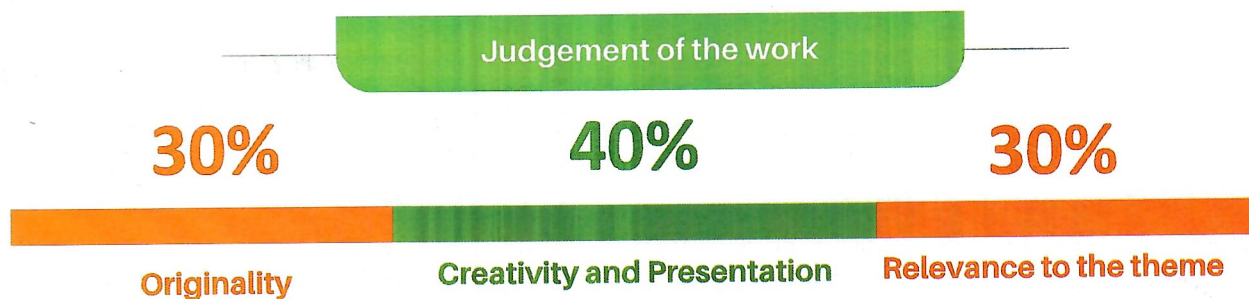
**Who can participate?** The competition is  
**OPEN TO ALL**  
**NO AGE LIMIT**



## Financial Awards and Certificate

| Type of Competition                          | State Level Winners ( for each State(s) and UT(s)   | National Level winners   |
|--|---|--|
| Drawing / Painting                           | For each type of competition*:<br>• First Prize: Rs. 3,000.00<br>• Second Prize: Rs. 2,000.00<br>• Third Prize :Rs,1,000.00 | For each type of competition*:<br>• First Prize: Rs. 10,000.00<br>• Second Prize: Rs. 5,000.00<br>• Third Prize :Rs,3,000.00 |
| Slogan Writing on the theme                  |   |  |
| Reels / shorts                               |   |  |
| Short Awareness videos/ Short Film           |   |  |
| Technical Papers                             |   |  |
| My Success Story: Thanks to Stay safe online |   |  |

**\*State and National level winners will be awarded with Certificates**



## Selection Process

**Top three participants** will be awarded in each category at **State and National level**

The decision of Jury/Expert committee of the competition will be final

Contact details for any clarifications or information

Email

isea@cdac.in

WhatsApp No.

9490771800



Copyright of all the works entered will be assigned to the organizers.

### Disclaimer

- The selection made by the committee is final and binding.
- No individual correspondence shall be entertained.
- The results will be displayed and announced through our web portal <https://staysafeonline.in/> and MyGov Platform .
- An event will be planned at the National level during the month of February 2025(TBD) for distribution of prizes and certificates to all winners and associated agencies, Schools/ Colleges etc. Separate intimation may also be sent to each of the winners.

### Terms & Conditions

- The decision of the Jury/Expert committee of the competition will be final.
- The work received is the property of ISEA project, C-DAC Hyderabad. The work will not be returned and the same can be used as part of project promotions and appropriate acknowledgement will be given.
- The organization reserves the right to cancel the competition without any prior intimation.
- The work received will be considered as the property of ISEA project, C-DAC Hyderabad. The work will not be returned and the same can be used as part of project promotions with appropriate acknowledgement.
- If less number of works are received in any of the above categories may be dropped or given a limited number of awards based on the selection process.
- Each individual can submit only one piece of work in each category, and the work should be his/her original work.
- All the above guidelines should be followed by the participant, failing which the works/submission may be disqualified.
- By participating in the competition, you give us the right to publish any of your work on our website, social media platforms, and other promotional channels like ([www.staysafeonline.in/](http://www.staysafeonline.in/) [www.isea.gov.in/](http://www.isea.gov.in/))
- Once your submission has been sent for the competition, it cannot be repurposed for another competition. If found, the entry will be disqualified.

Supported by







इलेक्ट्रॉनिकी एवं  
सूचना प्रौद्योगिकी मंत्रालय  
MINISTRY OF  
ELECTRONICS AND  
INFORMATION TECHNOLOGY



[www.isea.gov.in](http://www.isea.gov.in)

# INFORMATION SECURITY EDUCATION & AWARENESS (ISEA)

---

An initiative of MeitY





**ISEA Project is aimed at development of human resources for safe, trusted and secure cyber space.**

## **The Project is designed to focus on four key verticals aimed at:**

- 1** Generating highly skilled & certified cyber security professionals (CISOs, Dy. CISOs, Associate team of CISOs/Aspirants)
- 2** Grooming students towards products & solutions development in cybersecurity (Ideation & Innovation)
- 3** Strengthen research & education in advance/emerging areas of Information Security (Academic Activities)
- 4** Developing cyber aware digital nagriks through Mass Awareness



## **Common Infrastructure & Shared Resources**

**These four verticals are to be supported by Common Infrastructure & Shared Resources on cloud, linked through a common interface namely ISEA Virtual Platform (IVP) designed/developed under the project.**



# 1

## Generating Highly Skilled & Certified Cyber Security Professionals

Creation of a robust mechanism for training & certification aimed at CISOs, Dy. CISOs, Associate Team of CISOs/Aspirants of Government and other sectors (MSMEs) in 13 domains of knowledge & skilling :

- 5 Core domains
- 1 Essential domain
- 7 Specialised domains (sector specific)

### Core Domains

Systems, Network & Communication Security

Information Security and Security Engineering Core Competencies

Asset & Access Control Management

Information Security Audit and Assessment

Operations Security

### Essential Domain

Business and Strategic Management

### Specialised Domains

Secure Software Development

Governance, Risk and Compliance

Telecom Security

Internet of Things (IoT) / Industrial IoT Security

Cyber Security for BFSI Sector

Sector Specific OT / ICS Security

Cyber Security & Forensics (LEAs and Judiciary)

Program entails design/development of following components

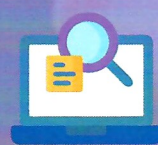


Syllabus

(Domain specific)



Content



Hands-on labs & exercises, case-studies, etc



Trainings

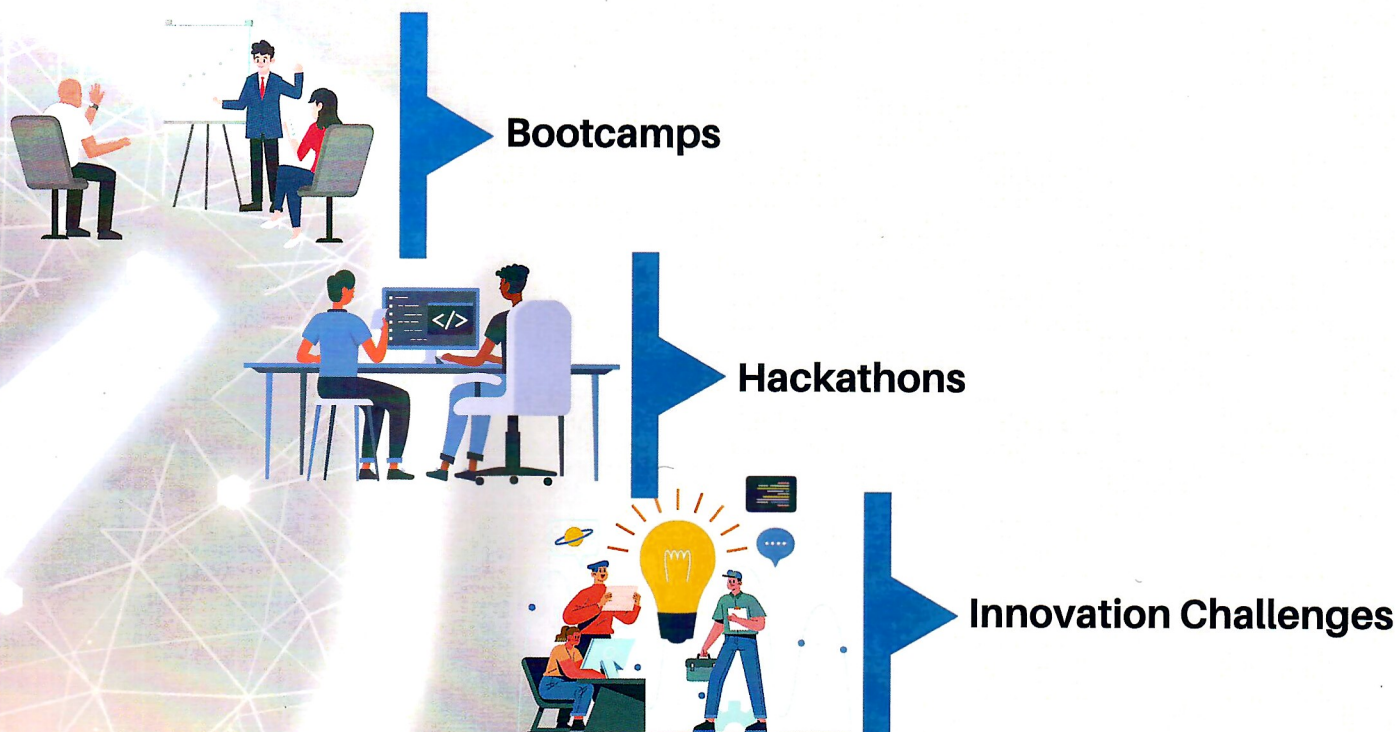


Certification & Re-certification



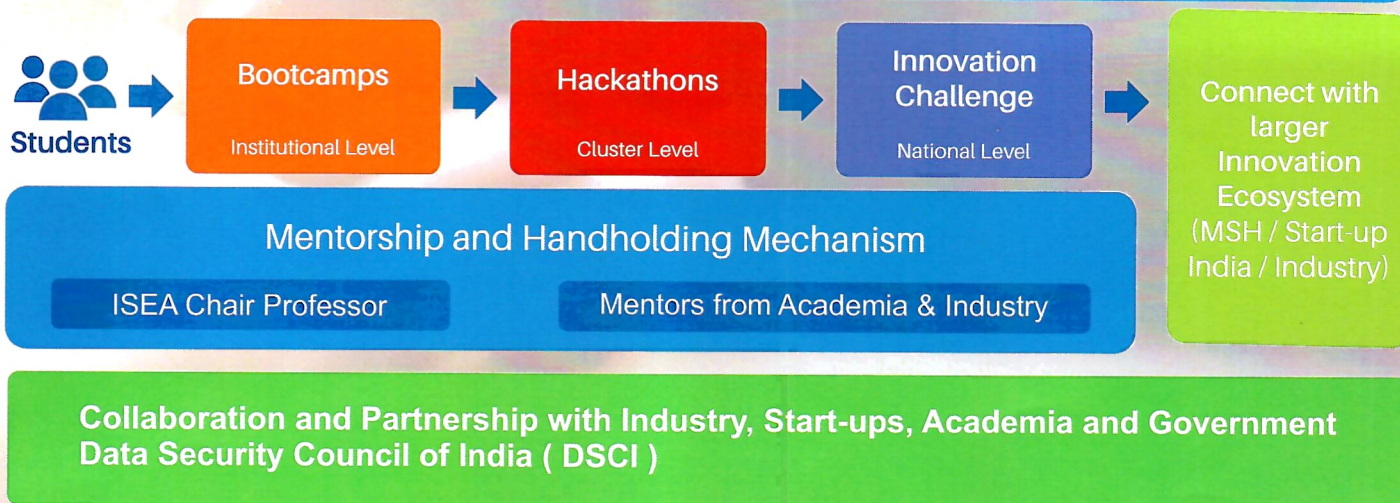
## 2 Grooming students towards products and solutions development in cybersecurity

### Ideation & Innovation Activities



Fostering a culture of innovation and entrepreneurship among students

### Problem Statement Identification





### 3 Strengthen Research & Education in advance/emerging areas of Information Security

Enhance capacity/capabilities for research & education in 10 thematic areas in Information Security



Computer & Network Security



Cryptography



Mobile Device Security



Security in Distributed Wireless Networks (IoT/CPS, 5G)



Systems & Software Security



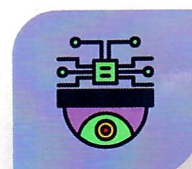
Cyber Forensics



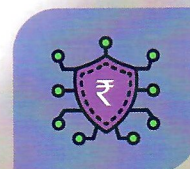
Hardware Security



Cybersecurity (Operations, Services, Governance) & Privacy



Security in Futuristic Technologies (AI/ML, AR/VR, etc.)



Fintech Security (incl. Blockchain)

Focus on Capacity Building and human resource development in niche areas of Information Security through 50 institutions :

- Generation of Research Manpower
- Domain-specific labs
- Faculty development
- Paper Publications
- Workshops & Conferences
- Model Syllabus
- Introduction of New M.Tech
- Retrofitting of core/electives in thematic areas at M. Tech/B. Tech level
- Multi-disciplinary education
- MOOC and Non-formal modular courses
- Internships



# 4 Cyber Aware Digital Naagrik (Mass Awareness)

Creation of mass awareness on new aspects of Cybersecurity  
Reinforce Cyber Hygiene, Cybersecurity and Privacy at the  
National level targeting various users

Program entails

## Proliferation of Mass Awareness through :



Awareness Workshops and Awareness Weeks



Doordarshan/AIR/Community Radio programs



Mass outreach through Social media platforms



Leveraging print / electronic media &  
Digishala (educational TV channel)

## Multilingual Awareness Content



Handbooks



Posters



Videos



Cartoon  
storyboards



Newsletters



## Role-based Awareness and Progression Pathways



Cyber Kid



Cyber Cadet



Cyber Girl



Cyber Yuva



Cyber Teacher



Cyber Women



Cyber Parent



Varisht Naagrik



Cyber Adhikaari



Cyber Pratinidhi



Cyber Executives



Cyber Entrepreneur



Cyber Defender



Cyber Trainer

► User based competitions/quizzes throughout the year



# Implementation Mechanism : 50 Premier Academic Institutions ( hub & spoke mode )

## Thematic Area

## Leads

## Co- Leads

Computer &  
Network Security

Indian Institute of Technology (IIT)  
Roorkee, Uttarakhand

- MNNIT, Allahabad, U.P.
- NIT, Kurukshetra, Haryana
- C-DAC, Noida, U.P.
- Anna University, Guindy, Chennai, Tamil Nadu

Mobile Device Security  
(incl. malware analysis)

Indian Institute of Technology (IIT)  
Jammu

- MNIT, Jaipur, Rajasthan
- NIT, Hamirpur, Himachal Pradesh
- C-DAC, Mohali, Punjab
- IK GPTU, Kapurthala, Punjab

Systems & Software  
Security

Indian Institute of Technology (IIT)  
Madras, Tamil Nadu

- NIT, Surathkal, Karnataka
- IIIT DM, Kancheepuram, Chennai, Tamil Nadu
- NNIELIT, Gorakhpur, U.P.
- Andhra University, Visakhapatnam, Andhra Pradesh

Hardware Security

Indian Institute of Technology (IIT)  
Kharagpur, West Bengal

- IIT, Kanpur, U.P.
- NIT, Rourkela, Odisha
- C-DAC, Bangalore, Karnataka
- VTU, Karnataka

Security in Futuristic  
Technologies  
(AI/ML, AR/VR, etc.)

Indian Institute of Technology (IIT)  
Bombay, Maharashtra

- SVNIT, Surat, Gujarat
- IIT, Patna, Bihar
- NIELIT, Calicut, Kerala
- BTU, Bikaner, Rajasthan

Cryptography

Indian Statistical Institute (ISI)  
Kolkata, West Bengal

- IIT ISM, Dhanbad, Jharkhand
- IIIT, Bhubaneswar, Odisha
- NIELIT, Aurangabad, Maharashtra
- AKTU, Lucknow, Uttar Pradesh

Security in distributed  
wireless networks (IoT/CPS,  
5G, etc.)

Indian Institute of Technology (IIT)  
Guwahati, Assam

- IIT, Hyderabad, Telangana
- Tezpur University, Assam
- NIELIT, Jammu/ Srinagar
- MAKAUT, West Bengal

Cyber Forensics

National Forensics Sciences  
University (NFSU), Gandhinagar,  
Gujarat

- MANIT, Bhopal, Madhya Pradesh
- IGDTUW, Delhi
- C-DAC, Thiruvananthapuram, Kerala
- GTU, Ahmedabad, Gujarat

Cyber Security  
(Governance, Operations  
& Services) and Privacy

Center for Internet Studies &  
Artificial Intelligence, Amrita  
Vishwa Vidyapeetham, Kollam,  
Kerala

- IIIT, Hyderabad, Telangana
- COEP Tech, Pune, Maharashtra
- NIELIT, Kohima, Nagaland
- RGPV, Bhopal, Madhya Pradesh

Fintech Security  
(incl. Blockchain)

Indian Institute of Technology (IIT)  
Bhilai, Chhattisgarh

- IIT, Ropar, Punjab
- NIT, Warangal, Telangana
- C-DAC, Hyderabad, Telangana
- JNTU, Kakinada, Andhra Pradesh



IIT Roorkee



IIT Jammu



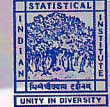
IIT Madras



IIT Kharagpur



IIT Bombay



ISI Kolkata



IIT Guwahati



NFSU Gujarat



Amrita University



IIT Bhilai



Anna University



MNNIT Allahabad



NIT Kurukshetra



IKGPTU, Punjab



MNIT Jaipur



NIT Hamirpur



Andhra University



IIIT D&M Kancheepuram



NIT Surathkal



IIT Kanpur



NIT Rourkela



VTU Karnataka



BTU Bikaner



SVNIT Surat



IIT Patna



AKTU, Lucknow



IIIT Bhubaneswar



IIT (ISM) Dhanbad



MAKAUT Kolkata



Tezpur University



IIT Hyderabad



IGDTUW Delhi



MANIT Bhopal



CoE Pune



IIIT Hyderabad



NIT Warangal



RGPV Bhopal



IIT Ropar



JNTU Kakinada



NIELIT

C-DAC

www.awareness.isea.app





इलेक्ट्रॉनिक्स एवं  
सूचना प्रौद्योगिकी मंत्रालय  
MINISTRY OF  
ELECTRONICS AND  
INFORMATION TECHNOLOGY

सत्यमेव जयते



www.isea.gov.in

सी डैक  
CDAC

<https://isea.gov.in/>



<https://awareness.isea.app/>



### Social Media Presence



### Contact us



| [pmu-isea@cdac.in](mailto:pmu-isea@cdac.in) & [isea@cdac.in](mailto:isea@cdac.in)