UGC • BCI • PCI • INC • WBNC

BRAINWARE UNIVERSITY

Information Brochure

GET READY FOR A REWARDING CAREER

Department of

Cyber Science and Technology

School of Computational & Applied Sciences

Department of Cyber Science and Technology

- BSc (H) Advanced Networking and Cyber Security
- MSc Advanced Networking and Cyber Security

Salient Features

- Academic collaborations with CISCO, EC Council, TCS, TCS iON, IIFON, AWS Academy and ISOAH etc
- EC-Council offers top-tier cybersecurity certifications mapped with our Cyber Security Courses:
  1. Certified SOC Analyst (CSA): Train for SOC monitoring with eCourseware and iLabs
  2. Certified Ethical Hacker (CEHv12): Learn hacking methods with iLabs and eCourseware
  3. Computer Hacking Forensic Investigator (CHFI): Master digital forensics with iLabs and eCourseware
  4. Certified Cloud Security Engineer (CCSE): Secure cloud environments with eCourseware and iLabs
- Course structure is divided among five dimensions – Hardware, Advanced Networking (CISCO platform), Windows Server, Linux Server and Cyber Security
- Courses are mapped with CCNA, CCNP, MCSE, RHCE and CEH
- Student chapter collaboration with OWASP (Open Web Application Security Project) and GitHub
- Digital-first curriculum with AI tools
- Transforming interdisciplinary concepts into impactful solutions through cutting-edge innovation labs

Institute-Industry Collaborations

Cisco Networking Academy · EC-COUNCIL | ACADEMIA PARTNER · aws academy · TCS Tata Consultancy Services · ISOEH Indian School Of Ethical Hacking www.isoeh.com · D_ASP · National Institute of Technology Sikkim

Specialisation Scope

- Computer Hardware Maintenance
- Computer Network Maintenance
- Windows Server Administration
- Linux Server Administration
- Switching and Routing Technology
- Vulnerability Analysis and Penetration Testing
- Digital Forensic
- Voice over IP (VoIP)
- Security Incident Handling
- Security Specialist
- Digital Watermarking and Steganography
- Block Chain & Cryptocurrency
- Cryptography & Network Security
- Cyber Security Laws, Standards and IPR
- Cloud Computing
- Firewall Technology
- Mail Server Configuration
- Cyber Risk Management
- Python Programming
- Routing Associate
- Routing Professional
- Malware Analysis and Reverse Engineering
- Biometric Security
- Switching Professional
- Auditing IT Infrastructure for Compliance
- Enterprise Security Architecture and Design
- Training on CEHv13

Live Projects & Internships

- Internship at ISOAH in the final semester for both UG & PG students
- Workshop and Internship at Cyber Security Centre of Excellence (CS-CoE), Department of Information Technology and Electronics, Government of West Bengal
- Student chapter collaboration with OWASP (Open Web Application Security Project®) and GitHub
- TCS for guiding student projects
- Working in various project with district police HQ
- Working with Department of IT and Electronics, Government of West Bengal

Programme Highlights

- Ethical Hacking
- Network Penetration Testing (Level 1)
- Network Penetration Testing (Level 2)
- Cloud Security
- Security Operations Centre
- Storage Professional

Some well placed students

Sudip
BSc ANCS
techRIDGE
Where Ideas Meet Execution.

Indrajit
BSc ANCS
Edifixio

Subhadeep
BSc ANCS
Edifixio

Sakil
BSc ANCS
TCS TATA CONSULTANCY SERVICES

Sandip
BSc ANCS
techRIDGE
Where Ideas Meet Execution.

Pranab
BSc ANCS
SCHOOLNET
LEARNING FOR LIFE

Biswajit
BSc ANCS
ARC
Document Solutions

Poulami
BSc ANCS
ZENUS GROUP

Sanskar
BSc ANCS
Prime Infoserv
Our Expertise, Your Shield

Satadeep
BSc ANCS
ITC

Events and Activities

Texibition

TechFusion

Gaming & Coding Competitions

World Computer Security Day with Cyber Security experts

Visit us

BRAINWARE UNIVERSITY

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