

INDIAN CYBER SECURITY SOLUTIONS

A unit of **CYBERSECOPS PVT LTD**



C | ESRP

**EMBEDDED
SYSTEM &
ROBOTICS**

Member of: **nasscom**





Indian Cyber Security Solutions

in association with

Indian Institute of Cyber Security



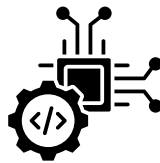
Step into the world of innovation with our Embedded System & Robotics Training Program, crafted through the collaboration of Indian Cyber Security Solutions and the Indian Institute of Cyber Security. This program equips you with practical, hands-on expertise in microcontrollers, electronic circuit design, sensors, actuators, automation, and robotic systems.

Gain real-time experience in building embedded applications, programming hardware, integrating IoT devices, and developing intelligent robotic solutions under the guidance of industry experts.

Kickstart your journey toward becoming a skilled embedded system engineer or robotics professional—shape your future in automation and smart technologies today!



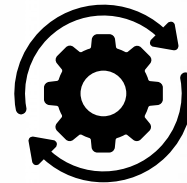
About the Program



Embedded Circuit Design



Microcontroller Programming



Robotics & Automation

In this dynamic training, we explore a wide range of essential concepts designed to equip you with the practical skills and understanding required in the field of embedded systems and robotics. Our program offers hands-on training in **Microcontroller Programming**, **Embedded Circuit Design**, and **Robotics & Automation**.

You'll work with real hardware, learn sensor integration, motor control, IoT development, and build functional robotic systems through real-world simulations and projects. Whether you're an electronics enthusiast or an aspiring robotics engineer, this program prepares you to design, build, and deploy smart embedded solutions.



Certification

After the completion of the course, candidates will get a joint certificate from Indian Cyber Security Solutions and Indian Institute of Cyber Security



Course Fee

Class Room Training	Online LIVE Training
<p>Course Fee: INR 13,000/ (One-time payment) Course Duration: 40Hours 3 Months Training 2 Classes Per Week X 2 Hours Each Day Batch Timing Week End Classes Week Days Classes</p>	<p>Course Fee: INR 13,000/ (One-time payment) Course Duration: 40Hours 3 Months Training 2 Classes Per Week X 2 Hours Each Day Batch Timing Week End Classes Week Days Classes</p>



University Training Partner's



Jadavpur University



Adamas University



IIT Guwahati



IIT Kharagpur



GNIIT



Lovely Professional University



Bangalore Institute of Technology



Bengal Institute of Technology and Management



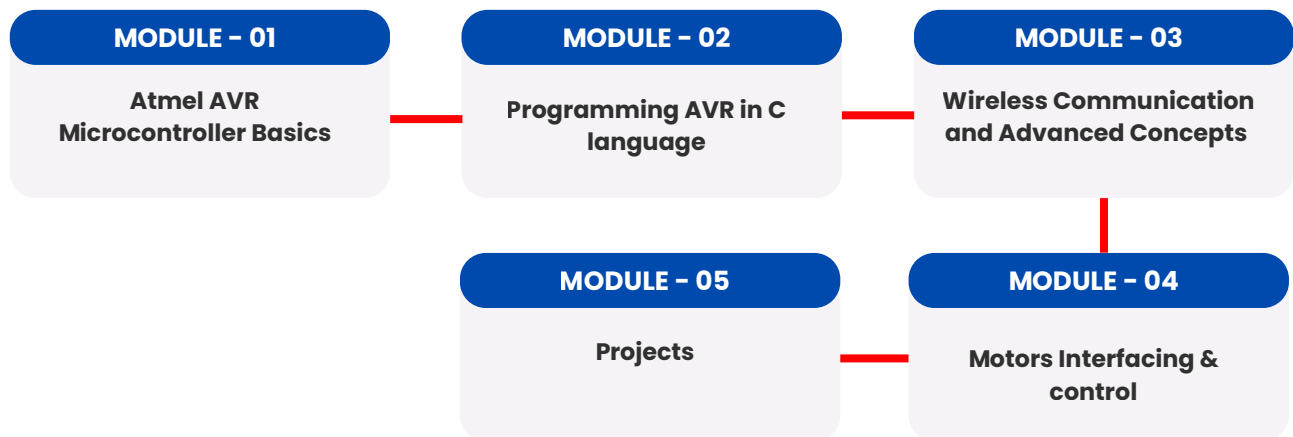
Anna University





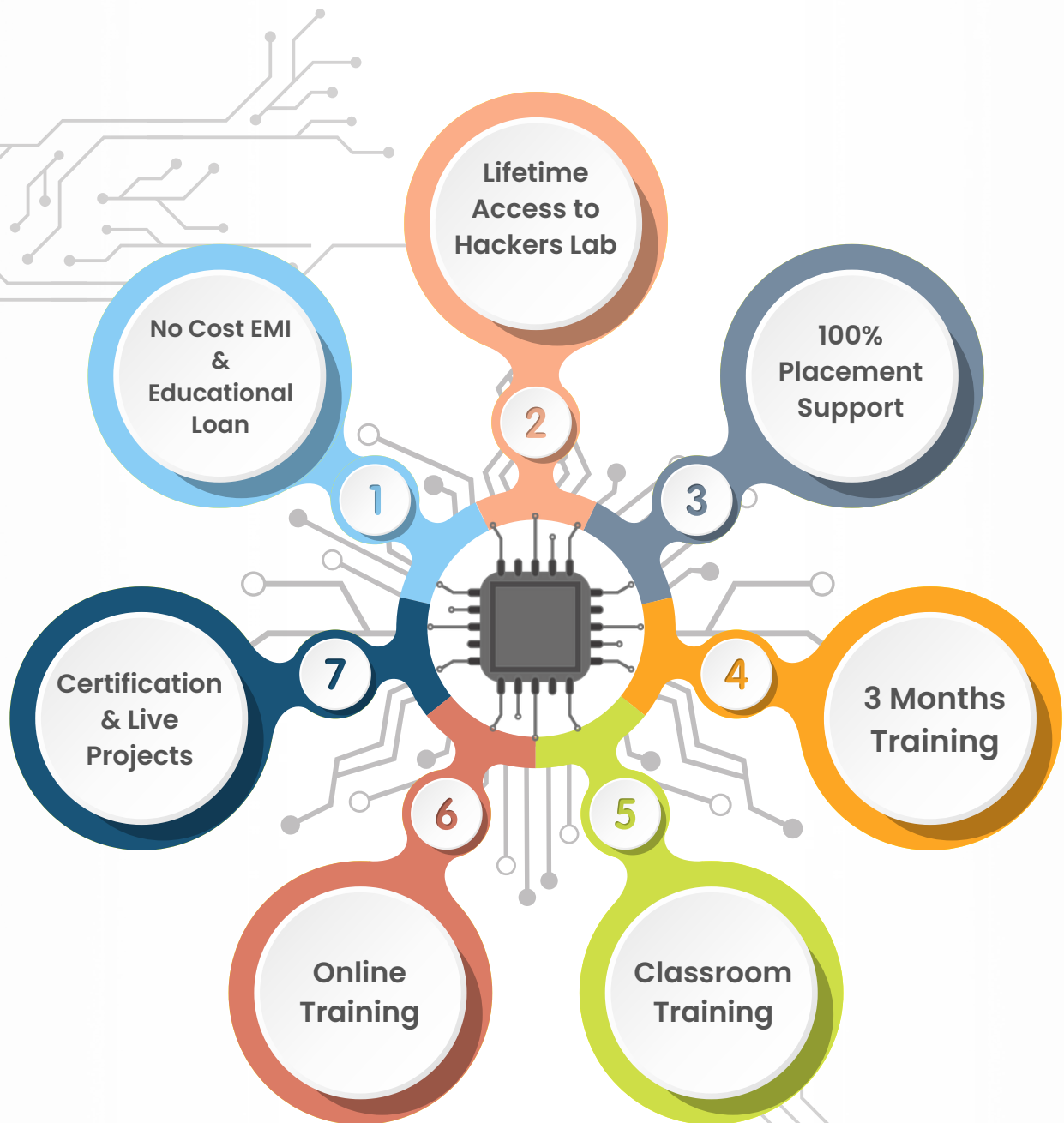
Embedded System & Robotics

Training- Course Module





Key Highlights





Why Choose

Embedded System & Robotics at ICSS



Expert Instructors

Learn from industry professionals with real-world experience in embedded systems, electronics, robotics, IoT, and automation.

Practical and Hands-on Training

Master embedded systems through lab-based learning, real-time hardware projects, microcontroller programming, sensor integration, and robotics development.



Flexible Learning Options

Choose between online and classroom training designed to fit your schedule—ideal for both students and working professionals.

Global Recognition & Networking Opportunities

Gain industry-ready skills that open doors to careers in embedded engineering, robotics development, IoT solutions, and automation technologies.





Eligibility Criteria

Technical

Individuals with a Technical foundation can expand their expertise by enrolling in Embedded System & Robotics

- Familiarity with computer systems, software and programming concepts is helpful.
- No formal experience required, but some exposure to coding or IT concepts is beneficial.
- Comfort with technology, logical thinking, and problem-solving abilities are advantageous.
- Willingness to learn and explore technical topics is important.
- Individuals interested in cloud computing and Azure services are encouraged to join.

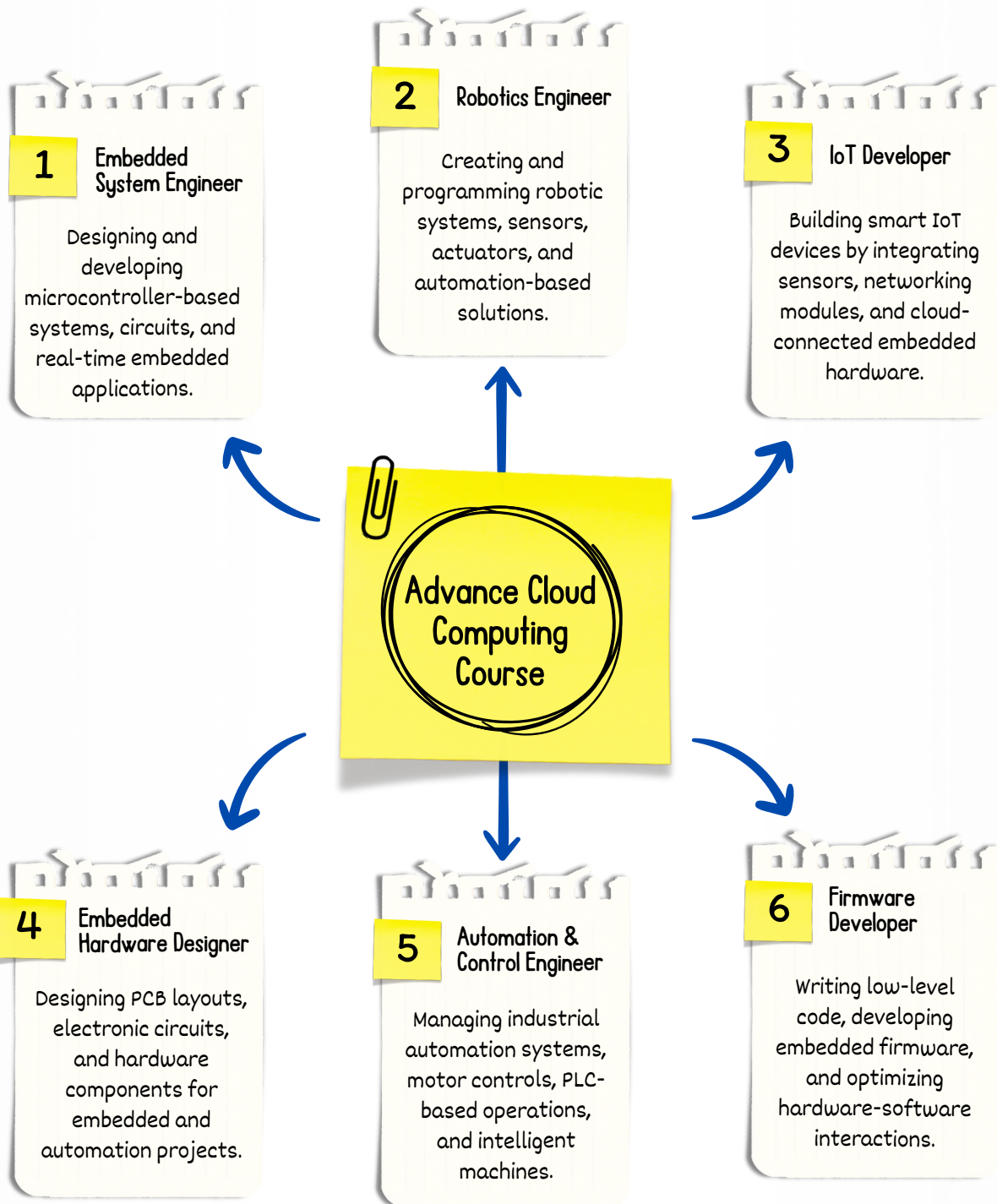
Non-Technical

Students from non-technical disciplines can pursue courses in Embedded System & Robotics

- A keen curiosity about technology and the cloud is all you need to start.
- No coding or technical skills are necessary to begin the training.
- Comfortable using a computer and basic software applications.
- An open mind and a desire to understand new concepts.
- Good communication skills to collaborate effectively with tech experts.



Job Opportunities





Trainers Profile

- **Experts Trainer:**

Trainers with deep experience in microcontrollers, electronic circuits, robotics, automation, IoT development, and real-time embedded applications.

- **Hands-On Teaching Approach:**

Live practical labs covering Arduino, Raspberry Pi, sensors, actuators, motor control, IoT modules, PCB design, and real-world robotics projects.

- **Years of Industry Experience:**

Professionals with strong backgrounds in embedded engineering, robotics design, industrial automation, and smart device development.

- **Corporate Training Expertise:**

Experience delivering embedded and IoT training to organizations, aligned with industry standards and modern automation technologies.

- **Personalized Learning Support:**

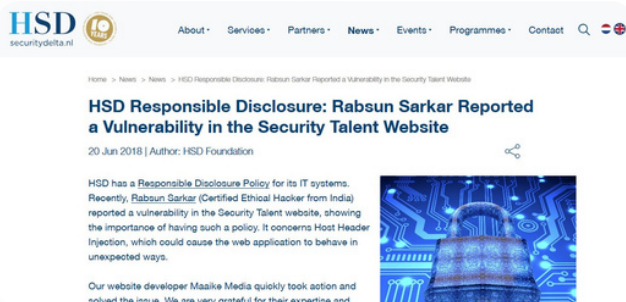
One-on-one guidance, project feedback, and continuous support to ensure every student builds strong hands-on technical skills.

- **Career Guidance & Mentorship:**

Support with resumes, interviews, certification paths, and career direction in embedded systems, IoT, robotics, and automation roles.

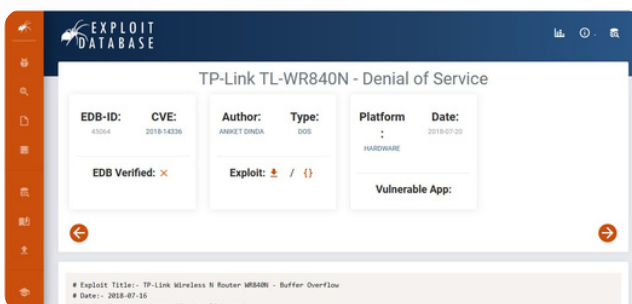


Student Achievements



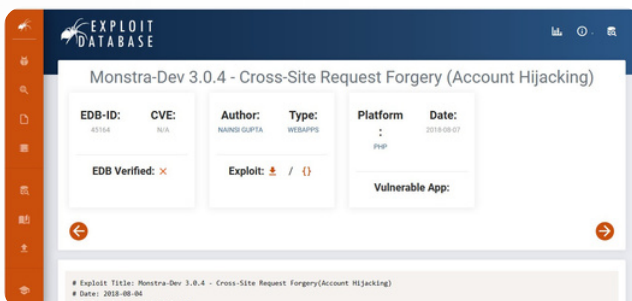
Rabsun Sarkar one of our students has found zero-day vulnerabilities in Google and in the Security Talent Website and also reported the same:

<https://securitydelta.nl/news/overview/hsd-responsible-disclosure-rabsun-sarkar-reported-a-vulnerability-in-the-security-talent-website>



Aniket Dinda is our student who has found out about Zero-Day Vulnerability and has been published on Exploit DB:

<https://www.exploit-db.com/exploits/45064>



Naini Gupta is our student who has found out about Zero-Day Vulnerability and has been published on Exploit DB:

<https://www.exploit-db.com/exploits/45164>



Our Recent Placements

Placed at:
 Tecplix



SUVHANKAR PROSAD KAR

CCNA

[Check Offer Letter](#)

CTC
3.6 LPA

Placed at:
 Tecplix



NAGACHARAN UN

Ethical Hacking

[Check Offer Letter](#)

CTC
3.6 LPA

Placed at:
 BLACK BOX



ARAPAN SAHA

CCNA

[Check Offer Letter](#)

CTC
4.5 LPA

Placed at:
 Tecplix



KUSHAL MV

WAPT

[Check Offer Letter](#)

CTC
3.6 LPA

Placed at:
 Tecplix



AYUSH RATHORE

WAPT

[Check Offer Letter](#)

CTC
3.6 LPA

Internship at:
 ARMATRICES
Applications
Development & Testing



PRASANDEEP SUTRADHAR

Diploma in Cyber Security

[Check Offer Letter](#)

CTC
2.3 LPA

Internship at:
 exotel



ANIKET KUMAR

Diploma in Cyber Security

[Check Offer Letter](#)

CTC
2.4 LPA

Internship at:
 ARMATRICES
Applications
Development & Testing



TANHAZ HUSSAIN

Ethical Hacking

[Check Offer Letter](#)

CTC
1.8 LPA

Internship at:
 Scrut
Automation



SHIBASHISH SAHA

CEH

[Check Offer Letter](#)

CTC
2.4 LPA



Our Achievements

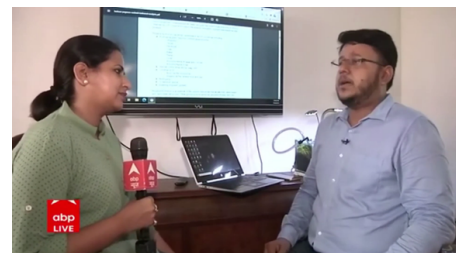
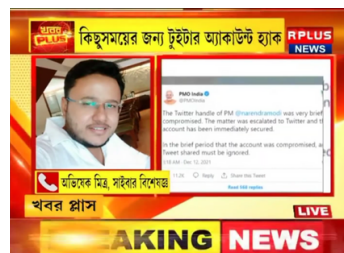
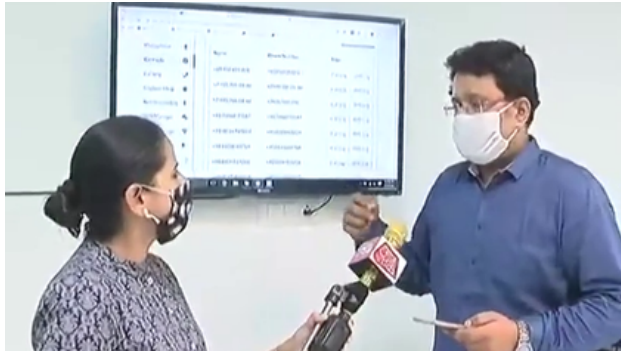


Brand	Name	Designation
ISO Software	Satish Meena	CEO
CyberPact	Gaurav Batra	Founder & CEO
Cyber Sense Technologies	Sachin Kumar	Co-Founder
Indian Cyber Security Solutions	Shilpi Dutta	Chief of Staff
K7 Computing	Ramesh Kumar	Founder & CEO
Prismone	Rajesh Khanna	Founder & CEO
Quick Heal	Kuldeep Kataria	Founder & CEO
Skylark Information Technologies	Kumar S	CEO
VirusB	Rishabh Sharma	Founding Director
VirusB	Prashant Phutke	Founder & CEO





Media Coverages





Seminar & Workshop



Kolkata Police (Cyber Crime Department)



CISF Nes HQTRS Kolkata



Royal Police & Army of Bhutan



IIT Kharagpur (2017)



IIT Guwahati



Anna University, Chennai



Lovely Professional University



Guru Nanak Institute of Technology- Jis Group

Seminar & Workshop



Supreme Knowledge Foundation



**Live Cybersecurity Demo with
Bhutan Security Forces**



**Cyber Security Training
at Lux Cozy**



**Cyber Security Workshop at
Police Department**



**Smartathon 2024, hosted by
Ericsson Telecommunications Inc.**



**Cybersecurity Conference at
Keens Conference, Hyderabad**



**Cyber Security Workshop at
ICEAI University**



**Certificate distribution
Windhoek, Namibia**

Seminar & Workshop



Cyber Security Workshop in Namibia



Cyber Security Training Session for LIC Senior Management



Mr. Abhishek Mitra Was Invited to CSIR-CIMFR's IoT-Based Smart Mining Initiative



Mr. Abhishek Mitra is invited to conduct a workshop IIT (ISM) Dhanbad.



Mr. Abhishek Mitra is invited to conduct a workshop at CSIR-CIMFR, Dhanbad.



Mr. Abhishek Mitra Invited to Conduct Workshop at Govt. Polytechnic, Nirsa Dhanbad



ICSS and IICS conducted a session at ICFAI University on Cyber Security and Legal Frameworks.



Our Hiring Partners





Other Collaborators



Parul University: Indian Cyber Security Solutions (ICSS) is delighted to join forces with Parul University in April 2022, marking the start of a five-year strategic collaboration focused on pushing the boundaries of cybersecurity education and research. ICSS will be investing its expertise and resources into this venture, equipping students with unrivaled skills for success in their field - ultimately igniting positive change across the industry through our steadfast commitment. We are brimming with anticipation over what incredible results will come from this partnership!

MAKAUT (ISKFGI College): With the ever-growing demand for skilled cybersecurity professionals. ICSS has teamed up with SKFGI College in a long-term partnership to establish an industry-leading program. For 10 years we will use our wealth of expertise and resources to ensure that students receive cutting-edge knowledge and skills from this collaboration- creating future leaders who can tackle any cybersecurity challenge. Our ambition is clear-develop tomorrow's talent today by empowering young minds into becoming successful digital citizens!



LOVELY
PROFESSIONAL
UNIVERSITY

Lovely Professional University: Indian Cyber Security Solutions has collaborated with LPU to organize cyber security workshops, Hackathons and Bootcamps. The students at LPU put their skills to the test, making for a truly inspiring event. LPU and ICSS have decided to organize more such events as these events help them to sharpen the skills.



Brands that Trust Our Competencies



Contact Us

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