

**INDIAN CYBER SECURITY SOLUTIONS**

A unit of **CYBERSECOPS PVT LTD**



# MACHINE LEARNING USING PYTHON

Member of: **nasscom**



Indian Chamber of Commerce



# Indian Cyber Security Solutions

in association with

# Indian Institute of Cyber Security



Kickstart your journey into Artificial Intelligence with our Certified Machine Learning Using Python Program. This course provides a practical, hands-on introduction to Python, core ML algorithms, data preprocessing, model building, and evaluation techniques.

Learn industry-standard tools like NumPy, Pandas, Matplotlib, and Scikit-learn, and gain real-world experience through guided projects led by expert trainers.

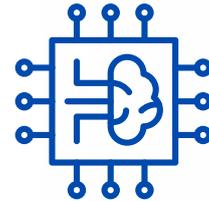
Build strong ML skills, enhance your career opportunities, and step confidently into the world of AI and data science. Start learning today and become a certified machine learning professional!



# About the Program



Python programming



Core ML algorithms



real-world data analysis

In this dynamic training, we dive into the world of Machine Learning to equip you with the practical skills and expertise needed to excel in today's AI-driven industry. The program focuses on hands-on learning in **Python programming**, **core ML algorithms**, and **real-world data analysis**.

You'll explore essential topics such as data preprocessing, feature engineering, supervised and unsupervised learning, model evaluation, and performance optimization—using industry-standard tools like NumPy, Pandas, Matplotlib, and Scikit-learn. Through practical labs and project-based learning, you'll gain the confidence to build, train, and deploy your own machine learning models.

Whether you're a tech enthusiast or an aspiring data scientist, this program opens the door to a rewarding and fast-growing career in Artificial Intelligence and Machine Learning.



# 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><b>Course Fee: INR 14,000 /-</b> (One-time payment) <b>Course Duration: 40 Hours</b> <b>3 Months Training</b> 2-3 Classes Per Week X 2 Hours Each Day <b>Batch Timing</b> Week End Classes   Week Days Classes</p>	<p><b>Course Fee: INR 14,000 /-</b> (One-time payment) <b>Course Duration: 40 Hours</b> <b>3 Months Training</b> 2-3 Classes Per Week X 2 Hours Each Day <b>Batch Timing</b> 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

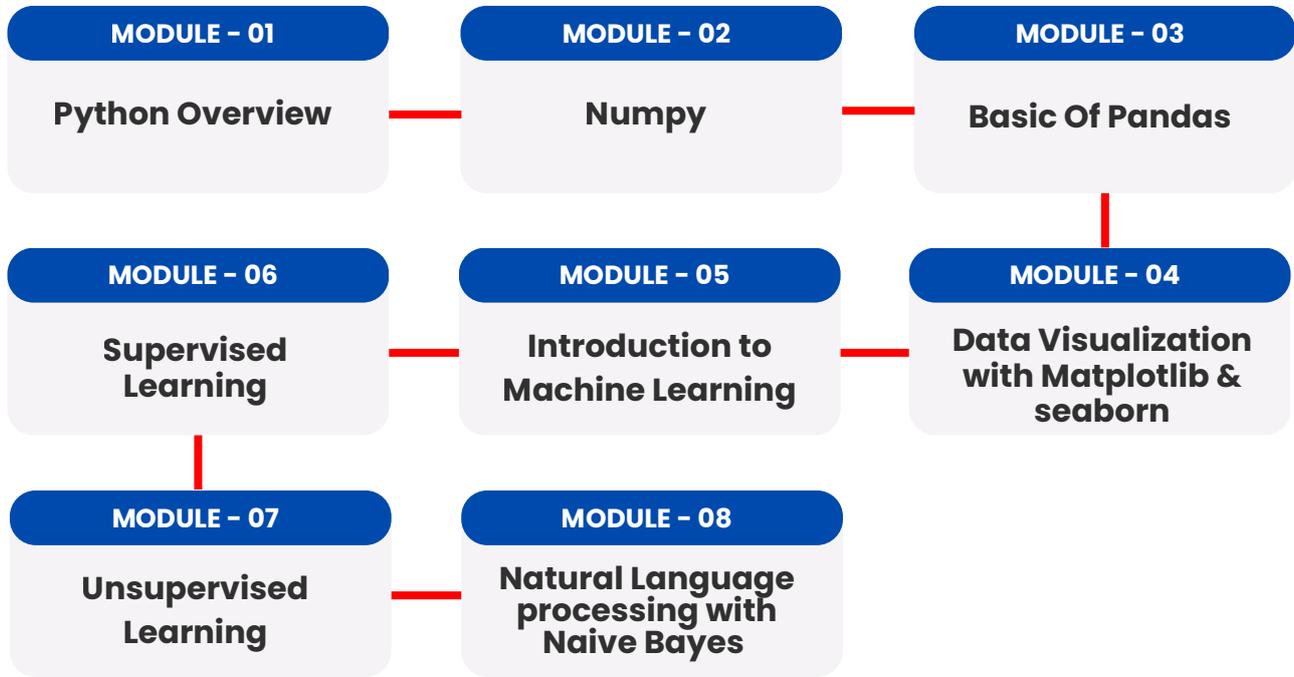


Anna University



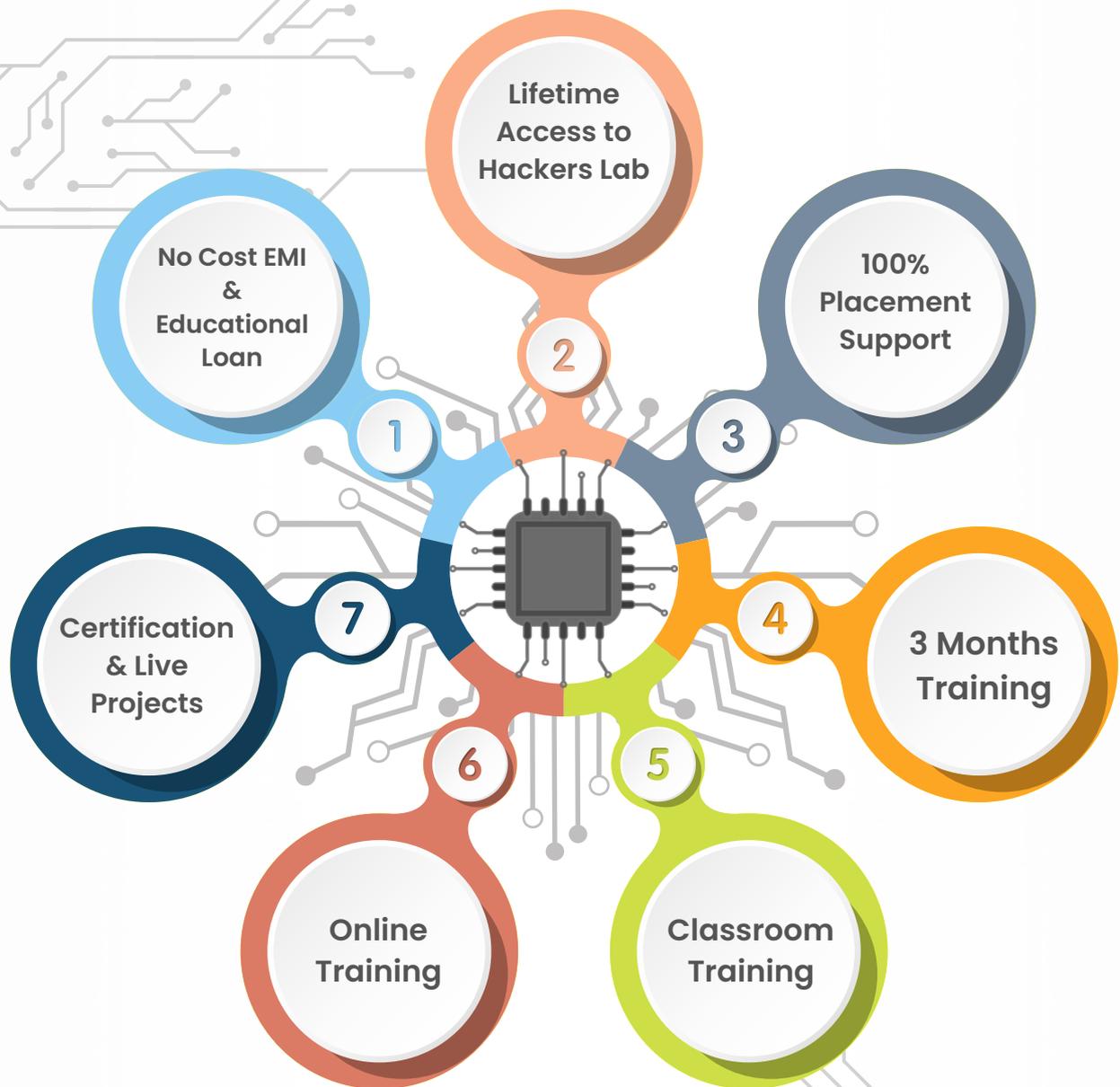


# C|MLP – Machine Learning Course Module





# Key Highlights





# Why Choose

## Machine learning using python at ICSS



### Experienced and Renowned Instructors

Learn from industry professionals with real-world experience in AI, data science, automation, and machine learning—bringing practical insights directly to your training.

### Practical and hands-on Training

Master Machine Learning through hands-on labs, real datasets, and guided projects covering Python, ML algorithms, data preprocessing, model building, and evaluation.



### The program is affordable and flexible

Our program understands the value of flexibility and convenience, offering both online and in-person options. We prioritize accommodating your busy lifestyle.

### Global Recognition & Networking Opportunities

Gain industry-ready ML skills and certification that open doors to high-demand careers in data science, AI engineering, analytics, automation, and machine learning development.





# Eligibility Criteria

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## Technical

**Individuals with a technical background can elevate their career by enrolling in the Certified Machine Learning Using Python**

- Graduates in science (B.Tech in CSE/IT/EC or BCA) can enroll.
- Commence with Certified Python Programmer course.
- Option to pursue Ethical Hacking course or C|EH certification.

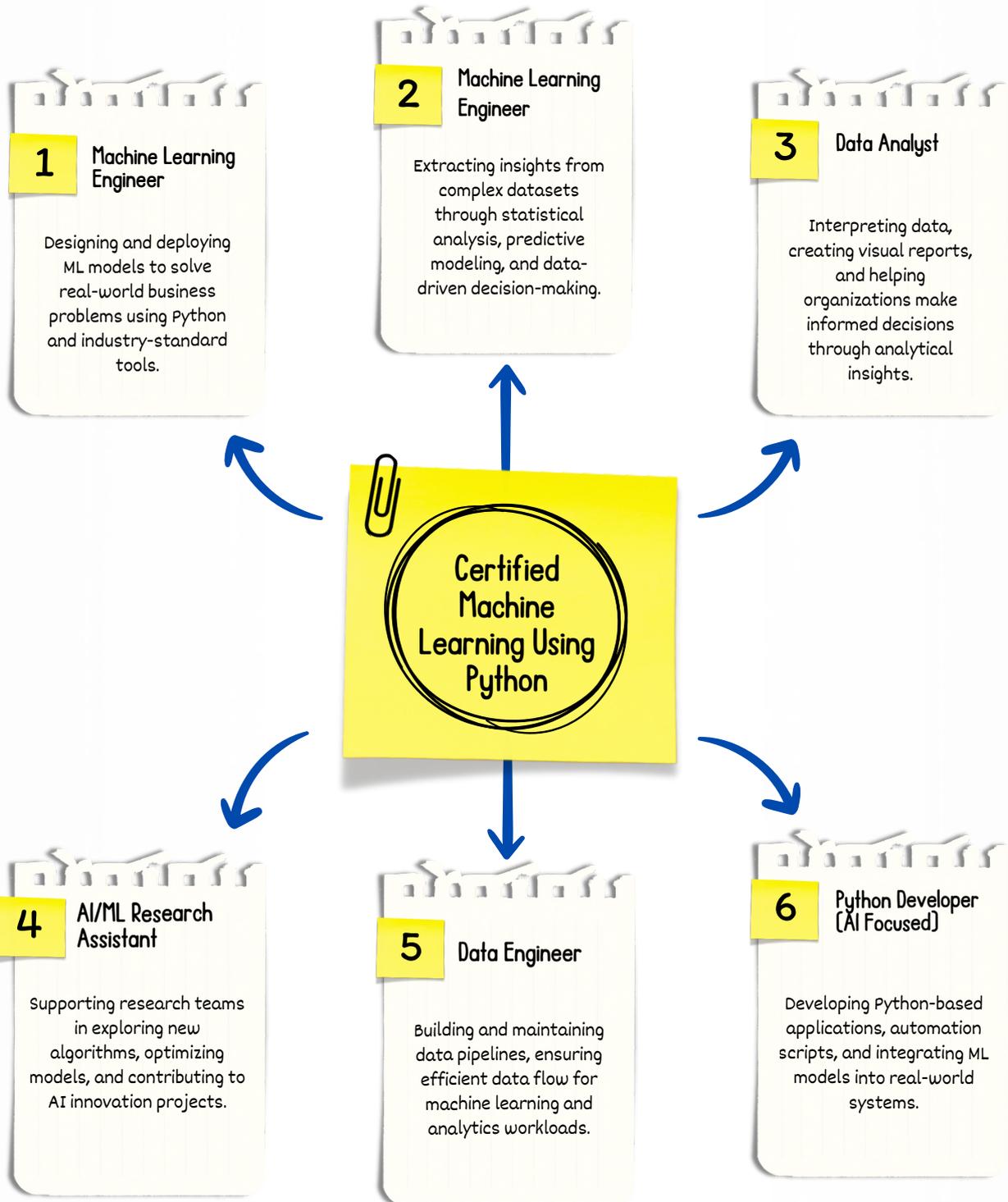
## Non-Technical

**Students from non-technical disciplines can also pursue the Certified Machine Learning Using Python**

- Arts, commerce, or non-science graduates eligible.
- Begin with Certified Network Professional course.
- Conclude with Certified Network Penetration Tester course.



# Job Opportunities





# Trainers Profile

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- At Indian Cyber Security Solutions (ICSS), our Machine Learning and AI trainers combine strong academic foundations with real-world industry experience to deliver impactful and practical ML education.
- Trainers bring hands-on expertise in core areas such as supervised and unsupervised learning, deep learning, natural language processing (NLP), data visualization, and model deployment using Python, TensorFlow, Keras, Scikit-learn, and other industry-standard tools.
- Our team includes experienced data scientists, AI engineers, and analytics professionals who have worked on real-world machine learning solutions across domains like finance, healthcare, cybersecurity, e-commerce, and automation.
- Our trainers stay updated with emerging trends, tools, and technologies in the AI and data science ecosystem, ensuring students gain relevant, up-to-date knowledge through practical projects and hands-on coding sessions.
- ICSS emphasizes practical mastery—our trainers guide students through exercises that help them build ML models from scratch, test best practices in model evaluation, performance tuning, and deployment.
- Through personalized mentorship, regular assessments, and lab-based project completion, our trainers ensure learners gain the confidence to implement ML techniques in real-world scenarios.
- Career-oriented support helps learners develop job-ready skills, build strong portfolios, and prepare for roles such as Data Analyst, Machine Learning Engineer, AI Researcher, and NLP Specialist.

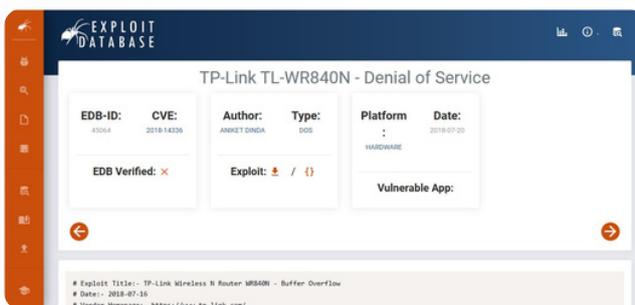


# Student Achievements



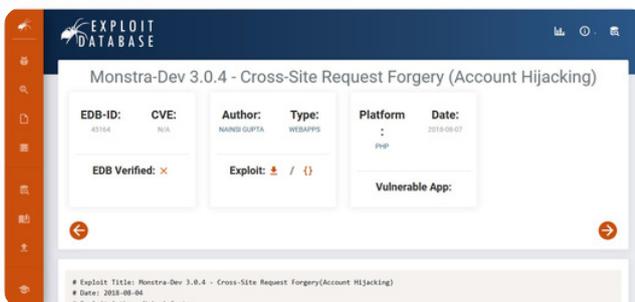
**Rabsun Sarkar** one of our students has found zero-day vulnerabilities in Google and in the Security Talent Website and also reported the same:

<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:  
 ABMATRICS Applications



**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:  
 ABMATRICS Applications



**TANHAZ HUSSAIN**

Ethical Hacking

[Check Offer Letter](#)

CTC  
1.8 LPA

Internship at:  
 Scrut Automation



**SHIBASHISH SAHA**

CEH

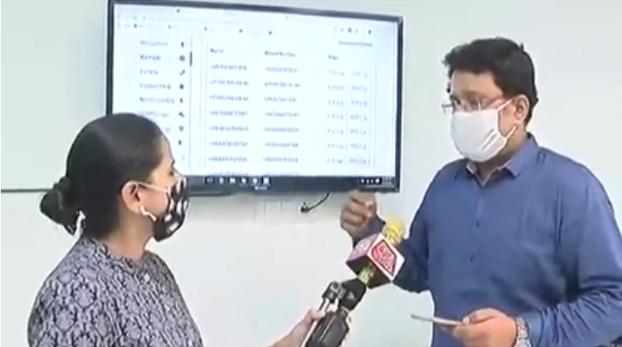
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CTC  
2.4 LPA





# 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  
ICEFAI 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

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# 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!



**L**OVELY  
**P**ROFESSIONAL  
**U**NIVERSITY

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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