



```
package com.ds.ucd.be.becore.solr;  
import ...  
public final class LocationUtils {  
    /**  
     * Parses Point from it's String representation  
     * @param locationString - String that represents location  
     * @return org.springframework.data.solr.core.geo.Point Instance  
     */  
    public static Point parseLocation(String locationString) {  
        Preconditions.checkNotNull(locationString, errorMessage: "Location String should not be null");  
        Preconditions.checkArgument(locationString.contains(","), errorMessage: "Location must be split with coma");  
        locationString = locationString.trim();  
        if (locationString.contains(", ")) {  
            locationString = locationString.replaceAll( regex: " ", replacement: ",");  
        }  
        if (locationString.contains(" ")) {  
            locationString = locationString.replaceAll( regex: " ", replacement: ",");  
        }  
        String[] location = locationString.split( regex: ",");  
        Preconditions.checkArgument( expression: location.length >= 2, errorMessage: "Location should consist at least 2 Double parameters");  
        double lat = Double.parseDouble(location[0]);  
        double lon = Double.parseDouble(location[1]);  
        return new Point(lat, lon);  
    }  
}
```

C|PP

CERTIFIED PYTHON PROGRAMMER

Member of: **nasscom**



PROMOTING DATA PROTECTION
Indian Chamber of Commerce



Indian Cyber Security Solutions

in association with

Indian Institute of Cyber Security



Unleash the power of Python in our Certified Python Programmer program. Seamlessly blending theory with hands-on practice, this course empowers you to become a proficient Python coder. Level One covers foundational Python principles, and Level Two delves into advanced techniques and real-world applications. Guided by industry experts, you'll acquire the knowledge and skills necessary to excel in the Python programming landscape. Don't just learn Python, master it – join our program and unlock your potential as a certified Python programmer.



About the Program

Embark on an exciting journey into the world of Python with our Certified Python Programmer program. This course seamlessly blends theory and hands-on practice, empowering you to become a proficient Python coder. Level One covers foundational Python principles, while Level Two delves into advanced techniques and real-world applications. Guided by industry experts, you'll acquire the knowledge and skills necessary to excel in the Python programming landscape. Don't just learn Python, master it – join our program and unlock your potential as a certified Python programmer.



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 12,500/- (One-time payment)</p> <p>Course Duration: 3 Months 2 Classes Per Week X 2 Hours Each Day</p> <p>Batch Timing Week End Classes Week Days Classes</p>	<p>Course Fee: INR 12,500/- (One-time payment)</p> <p>Course Duration: 3 Months 2 Classes Per Week X 2 Hours Each Day</p> <p>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



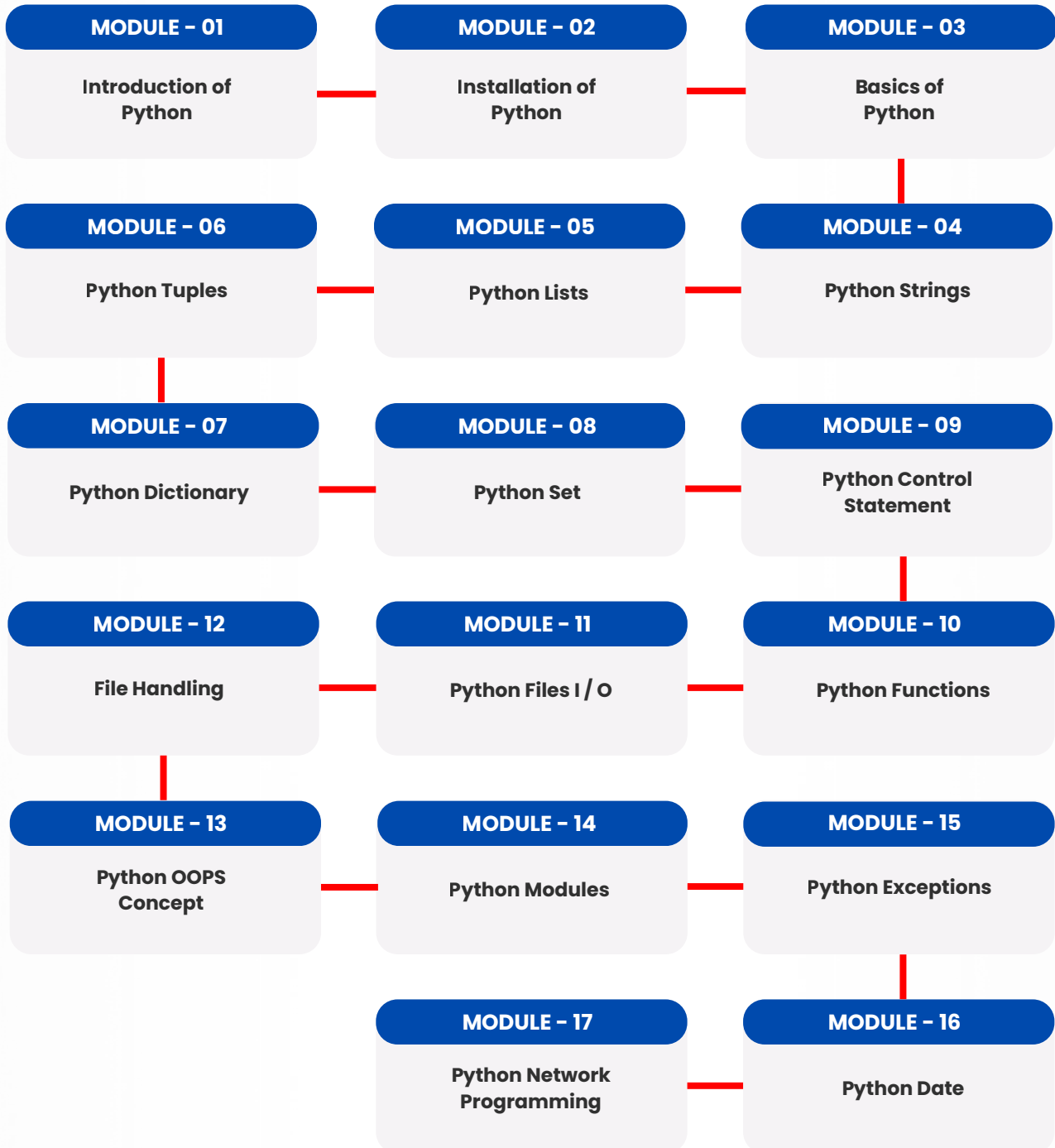
Anna University





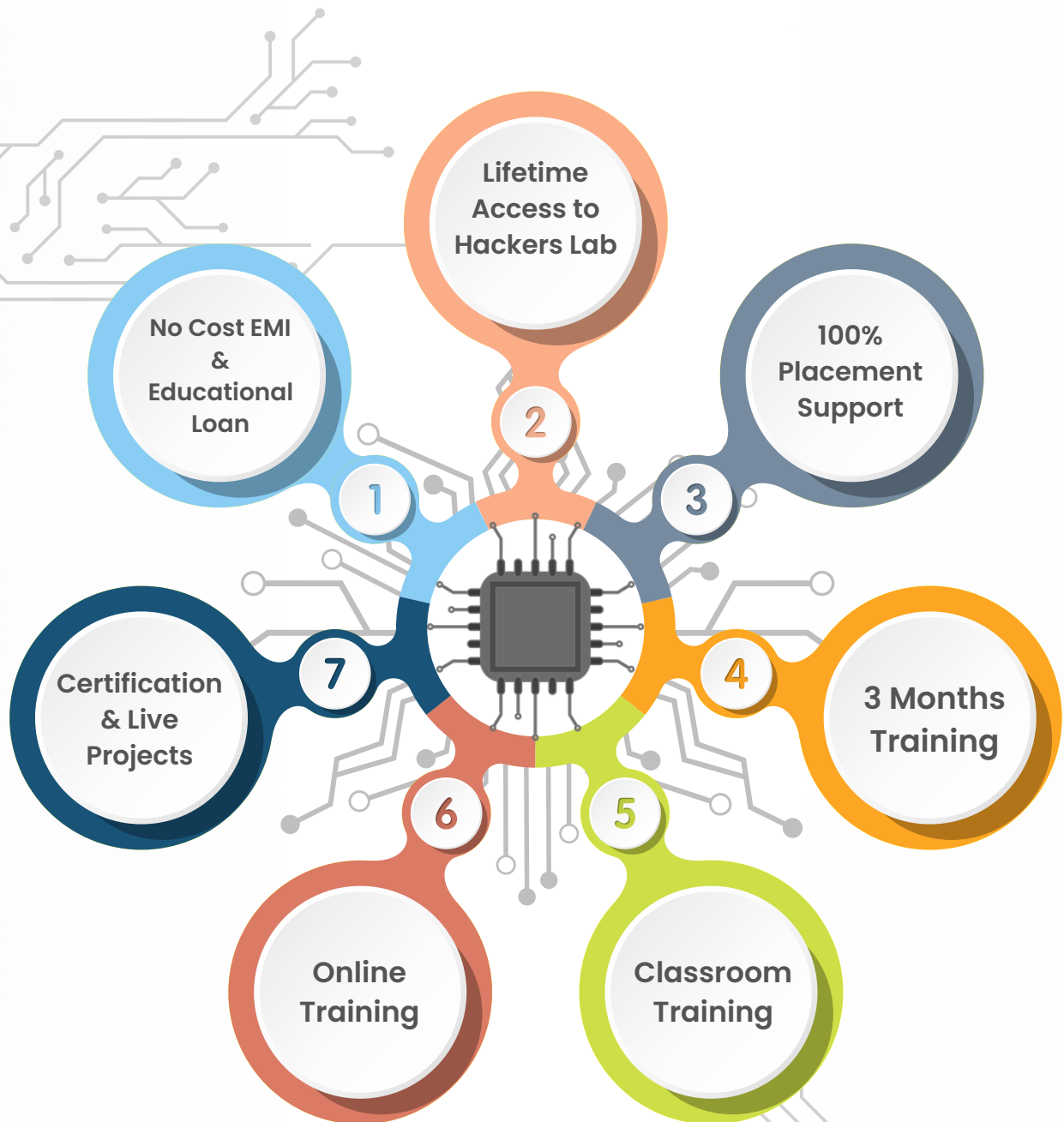
C|PP Course Module

BASIC



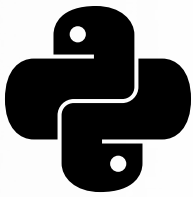


Key Highlights





Why Choose C|PP Training at ICSS

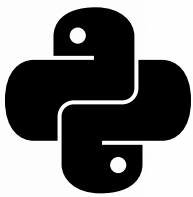
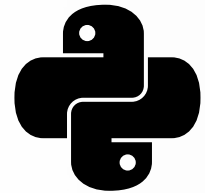


Experienced Python Instructors

Learn from seasoned Python developers with extensive experience in software development and programming. Gain valuable insights and practical tips from their real-world expertise.

Hands-on Python Projects

Engage in interactive projects to apply Python concepts and reinforce your learning. Develop skills in data analysis, web development, automation, and more.

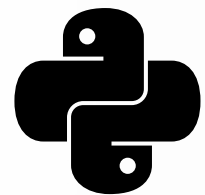


Flexible Learning Options

Choose from online or in-person classes to fit your schedule and learning style. Access course materials anytime, anywhere, and progress at your own pace.

Industry-Recognized Certification

Showcase your Python skills with certification. Unlock career opportunities in software, data, and web development.





Eligibility Criteria

Technical

Individuals with a Technical foundation can expand their expertise by enrolling in Python courses

- A bachelor's degree in computer science, engineering, mathematics, or a related field.
- Familiarity with databases and Structured Query Language (SQL)
- Familiarity with mathematical and statistical concepts and Computer Science Fundamentals such as data structures and algorithms
- Strong problem-solving and critical thinking skills.
- Familiarity with fundamental programming concepts

Non-Technical

Students from non-technical disciplines can pursue courses in Python

- A high school diploma or equivalent
- A basic understanding of mathematics and statistics
- Unlimited access
- A willingness to learn new things



Job Opportunities



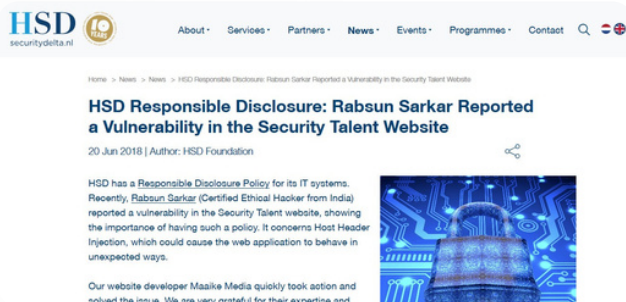


Trainers Profile

- Instructors at Indian Cyber Security Solutions (ICSS) excel in tailored learning methodologies for the Certified Python Programmer (CPP) course.
- Trainers in the CPP program provide practical insights through real-world projects, ensuring hands-on experience in Python programming.
- With over 12 years of expertise in the programming domain, ICSS trainers bring extensive knowledge and skills to the CPP course.
- As active professionals in programming, our trainers offer practical industry insights to CPP training.
- ICSS trainers extend their expertise to corporate CPP training, ensuring students gain knowledge aligned with industry requirements.
- We emphasize regular assessments and personalized attention, nurturing each student's skill development in CPP.
- Beyond technical skills, ICSS trainers guide students in building resumes and enhancing interpersonal capabilities, making them well-rounded professionals in the programming field.

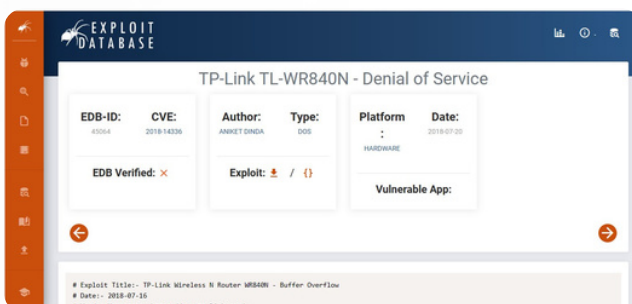


Student Achievements



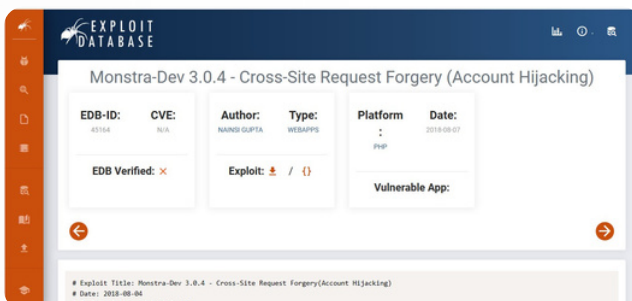
Rabsun Sarkar one of our students has found zero-day vulnerabilities in Google and in the Security Talent Website and also reported the same:

<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>



Nainsi 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:
Scrub Automation



SHIBASHISH SAHA

CEH

[Check Offer Letter](#)

CTC
2.4 LPA



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.



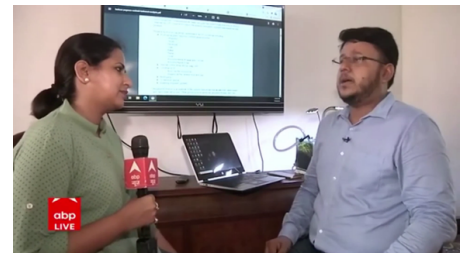
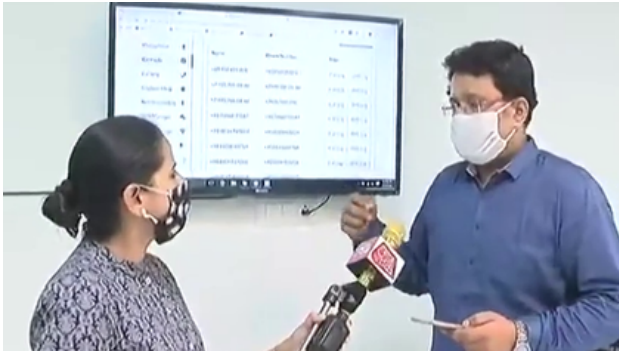
Cybersecurity Workshop at LPU







Media Coverages





Media Coverages

ICSS, IICS & SAVE Recognized by The Times of India

INDUSTRY SPEAK

In last 5 years we grew at 72% CAGR and hope to achieve 85-100% CAGR in next 5 years to reach at Rs 100 crores plus revenue

Abhishek Mitra | FOUNDER AND CEO, INDIAN CYBER SECURITY SOLUTIONS

We have indigenously developed advanced attack simulation testbed (Cyber Range), integrated with a hybrid industrial control system laboratory and our aim is to be the preferred IT & OT cybersecurity partner in India and niche global markets by 2030

Tathagata Datta | FOUNDER-DIRECTOR AND CEO, ZETTAWISE CONSULTING

We are primarily looking to raise funds from the US, which will not only provide us the necessary capital, but also help in expanding operations in the US market

Indranil Banerjee | DIRECTOR, FORZEN

services of cybersecurity products. A few of the companies are in the consultancy business, looking after the entire chain of cybersecurity for their clients," said Kaushik Bhattacharya, a govt-accredited start-up mentor and business consultant.

Kolkata-based start-up Indian Cyber Security Solutions already has more than 450 clients in countries such as the UK, UAE, Qatar, South Africa, Namibia and Bhutan.

"We are targeting Rs 100 crore-plus revenue by 2030. In the past five years, we grew at 72% CAGR and hope to achieve 85%-100% CAGR in the next five years, driven by the licensing of our secured AI-based vulnerability assessment tool (SAVE), global MSSP (managed security service provider) partnerships, and government training," said Abhishek Mitra, founder and CEO, Indian Cyber Security Solutions.

Another start-up, Zettawise Consulting, has already established its position prominently in national critical infrastructure protection and is working

FIREWALL FORTUNES

Bengal's booming cybersecurity ecosystem is arming India's digital frontier, with its start-ups and SMEs now eyeing global markets

Kaushik Pradhan & Sarthak Ganguly | **IN**

Bengal, a frontrunner in the IT industry, is poised to become one of the key states in the cybersecurity business domain, where start-ups and SMEs from the state are playing a significant role. The cybersecurity field is vast and evolving rapidly. The domains where companies are looking to offer their services include network security, cloud security, application security, threat intelligence and analysis, identity and access management (IAM), governance, risk and compliance (GRC), and security operations and incident response (SOC/IR). In emerging areas such as AI and ML, security, OT and industrial control systems, IoT security, and quantum-resistant cryptography—preparing for post-quantum threats—there is also considerable business potential, experts said.

The cybersecurity market in India stands at around Rs 84,000 crore, while the market size in Bengal, in terms of value, is Rs 6,000 crore. Currently, there are over 100 companies, including start-ups, working in the field of cybersecurity in the state. Of them, about 20 are start-ups, and seven or eight have already expanded their operations overseas.

"By 2030, the cybersecurity market in Bengal is projected to double, reaching Rs 12,000 crore. The start-ups and SMEs are a vital cog in the system, as most of them are offering sales and services of cybersecurity products. A few of the companies are in the consultancy business, looking after the entire chain of cybersecurity for their clients," said Kaushik Bhattacharya, a govt-accredited start-up mentor and business consultant.

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Another start-up, Zettawise Consulting, has already established its position prominently in national critical infrastructure protection and is working closely with the govt, defence and intelligence agencies.

"We have indigenously developed an advanced attack simulation testbed (Cyber Range), integrated with a hybrid industrial control system laboratory, and our aim is to be the preferred IT and OT cybersecurity partner in India and niche global markets by 2030. Our company is aiming at Rs 500 crore valuation by 2030 through its research on OT and drone security," said Tathagata Datta, founder-director and CEO, Zettawise.

According to Abhishek Mitra, a cybersecurity expert, the cybersecurity market in Kolkata is growing rapidly. As of now, there are six CERT-In empanelled cybersecurity organisations from Kolkata, and of those, two are start-ups.

"A few start-ups from Kolkata I know are doing remarkably good work in developing cybersecurity products that cater to a wider range of clients from different sectors. Others are primarily working in the cybersecurity consulting area. A start-up should choose to build for a specific pain point rather than trying to secure everything," he said.

"Kolkata has some unique advantages, such as lower office rent and employee costs compared to its Indian peers, as well as good infrastructure and seed funding facilities, which provide great opportunities for us. In the last fiscal year, our turnover was Rs 3.7 crore, which we aim to increase to Rs 30 crore in the next five years," said Samir Santra, CEO and founder of the start-up Outspace Security.

Getting funds is no longer a constraint for start-ups in Bengal, with several incubation centres run by the govt and private sector providing linkages between budding entrepreneurs and angel investors. The state govt has also launched the 'StartUp Bengal' initiative to promote entrepreneurship.

"The mentorship here is incredibly authentic. You have direct access to guidance from premier institutions like IIT Kharagpur and a very collaborative NASSCOM 10,000 Start-ups community. It's deep technical and business mentorship from people who have genuinely built things," said Arindam Halder, CEO and co-founder of another start-up, RootNik Labs.

ITOrizin, which was established as a cybersecurity start-up in 2017 in Salt Lake Sector V, has now grown into an SME and is looking to expand its operations further across the North Atlantic.

"Our aim is to clock Rs 100 crore in revenue by 2030 and we need funds to achieve it. We are primarily looking to raise funds from the US, which will not only provide us with the necessary capital but also help in expanding operations in the US market," said Indranil Banerjee, director, ITOrizin.

ISAM Data Security has been providing cybersecurity solutions since 2015. Sandeep Senapati, founder of the SME, said, "We have trained CTF, Kolkata Police, state forensic lab officials, GST officers, CRPF senior officers, along with corporate professionals. We train around 1,800 college students every year from various universities in Bengal. We are exploring innovation in the cybersecurity services segment. We hope to infuse Artificial Intelligence in our services in the next two years and come up with some products. None, a lot of things depend on the global political scenario."

MARKET WATCH

Cyber security market

- India | \$84,000 crore
- Bengal | \$6,000 crore
- Bengal has 100 companies in cyber security domain
- 20 of them are start-ups
- By 2030 the cybersecurity market in Bengal is projected to be \$12,000 crore

INDUSTRY SPEAK

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Sandeep Senapati | FOUNDER OF ISAM DATA SECURITY



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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Founder & CEO
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