



IN ASSOCIATION WITH



IIIT BHUBANESWAR BOOTCAMP



ON



CYBERSECURITY AND INFORMATION SECURITY
IN INDUSTRY 4.0 WITH CRYPTOLOGY, MACHINE
LEARNING AND FEDERATED LEARNING



BOOTCAMP TENTATIVE COURSE CONTENT

1. Basics of Industry 4.0 systems
2. Cyber threats in smart factories
3. Threat modeling methods
4. Risk analysis and mitigation
5. Encryption using AES, RSA, and ECC
6. Secure data exchange with cryptography
7. Security in OPC-UA and MQTT protocols
8. IoT device and data protection
9. ML-based anomaly and intrusion detection
10. Federated learning for secure AI systems

REGISTRATION DETAILS

- Students from CSE/IT background (B.Tech/M.Tech) who are passionate about cybersecurity domain.
- No registration fee.
- The last date for Registration is 08-02-2026
- Shortlisted candidates will receive confirmation mail
- It is based on first come first serve rule.
- For participants, accommodation will be arranged free of cost in hostel inside IIIT, BBSR campus. Registration will cover kit, breakfast, lunch during the working bootcamp day

For any query:

CO-ORDINATORS

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10th - 14th Feb 2026



IIIT BHUBANESWAR

REGISTER NOW

