

REPORT

on

Expert Talk

:

“The Human Side of Cybersecurity: Why We Are the Weakest Link”

Date : 11th March 2025



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UNIVERSITY

Shaping Lives...
Empowering Communities...

Organized by

School of Engineering and Technology, Bhubaneswar

in collaboration with

Women in Engineering, Bhubaneswar Section

**Centurion University of Technology and Management,
Odisha, India**

Introduction :

The **Women in Engineering**, Bhubaneswar Section, in collaboration with the **School of Engineering and Technology**, successfully organized an expert talk on "**The Human Side of Cybersecurity: Why We Are the Weakest Link**" on **11th March 2025**. The session was held at Hall No. 6, Aryabhata Building, Centurion University of Technology and Management, Bhubaneswar Campus. **Ms. Mansi Raval**, a cybersecurity engineer and trainer from Cyber Dojo - The School of Cyber Defense, Ahmedabad, was the esteemed resource person for the event. The session focused on human vulnerabilities in cybersecurity, awareness strategies, and mitigation techniques. It provided valuable insights for students, faculty, and professionals, enhancing their understanding of cybersecurity threats and solutions.



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1947 TO 2047

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

IEEE Women in Engineering
We
Affinity Group, Bhubaneswar Subchapter

IEEE young professionals

NAAC A+

The Human Side of Cybersecurity: Why We Are the Weakest Link

Resource Person:
Ms. Mansi Raval
Cybersecurity Engineer and Trainer
CyberDojo - The School of Cyber Defense, Ahmedabad

Time: 4:00 PM to 5:00 PM

Day and Date: 11/03/2025 (Tuesday)

Mode: Offline

Venue: Hall No. 6, Aryabhata Building, Centurion University of Technology and Bhubaneswar Campus

Organized by:
Women in Engineering, Bhubaneswar Section in collaboration with School of Engineering and Technology

Centurion University of Technology and Management, Odisha
CAMPUSES: Paralakhemundi | Bhubaneswar | Rayagada | Balangir | Balasore | Chatrapur

Deliberation on the Session :

The expert talk explored various aspects of human-related cybersecurity risks and their potential impact. **Ms. Mansi** highlighted the common pitfalls in cybersecurity, including phishing attacks, social engineering, weak passwords, and insider threats. She emphasized the importance of cybersecurity hygiene, regular training, and vigilance in mitigating risks. The discussion also covered real-world case studies demonstrating how human error contributes to security breaches.

Ms. Mansi provided actionable solutions such as multi-factor authentication, encryption techniques, and awareness programs to minimize risks. The session was highly interactive, allowing attendees to engage in discussions, ask questions, and gain expert insights into best cybersecurity practices.

Highlights of the Session :

- **Expert Insights:** Ms. Mansi Raval discussed major cybersecurity vulnerabilities caused by human behavior.
- **Cyber Threats:** Focus on phishing, social engineering, and insider threats.
- **Preventive Measures:** Importance of strong passwords, multi-factor authentication, and encryption.
- **Case Studies:** Real-world examples of cyber-attacks and mitigation strategies.
- **Interactive Discussions:** Engaging Q&A session with students and faculty.
- **Awareness Strategies:** Emphasis on cybersecurity training and best practices.
- **Career Guidance:** Insights into career opportunities in cybersecurity and ethical hacking.

Outcomes of the Session :

The expert talk on “*The Human Side of Cybersecurity: Why We Are the Weakest Link*” provided the following key takeaways:

Enhanced Awareness: Participants gained a deeper understanding of human-related cybersecurity risks and preventive strategies.

Practical Knowledge: Real-world case studies offered practical insights into tackling cyber threats.

Career Opportunities: The session highlighted prospects in cybersecurity, ethical hacking, and information security.

Technological Awareness: Attendees learned about encryption, authentication mechanisms, and risk mitigation techniques.

Security Best Practices: Emphasis was placed on adopting a security-conscious culture within organizations and personal digital spaces.

Feedback from Participants :

The session was highly informative and engaging. Students appreciated the real-world examples and practical applications shared by **Ms. Mansi**. Faculty members acknowledged the session for bridging the gap between theoretical cybersecurity concepts and real-world threats. The interactive format fostered meaningful discussions on cybersecurity awareness and risk mitigation strategies. Many participants expressed interest in attending more such cybersecurity-focused events in the future. Overall, the event was well-received and contributed to building a more security-aware academic community.

Acknowledgements :

The organizing committee extends its sincere gratitude to **Ms. Mansi Raval** for delivering an insightful session on **cybersecurity awareness**. We also appreciate the support of the **university administration, faculty members, and student coordinators** for their efforts in ensuring the smooth execution of the event. Special thanks to all participants for their active engagement and enthusiasm. We look forward to hosting more such knowledge-sharing sessions in the future.

Glimpses of the session :







Attendees :

| Sr. No. | NAME | DEPARTMENT |
|---------|------------------------|---|
| 1 | Deepti Ranjan Sahoo | Electronic and Communication Engineering |
| 2 | Swagatika Sahoo | Electronics and communication engineering |
| 3 | Kausik Sahoo | EEE |
| 4 | Shem Paul Bage | Mechanical |
| 5 | Adarsha Pradhan | Electrical and Electronics engineering |
| 6 | Ayush Kumar pandey | Electrical and electronics engineering |
| 7 | Rameswar Subudhi | Mechanical |
| 8 | Subhranshu Mishra | Electrical and electronics engineering |
| 9 | Biswajit Patra | ECE |
| 10 | Kaibalya Mohanty | Electronics and communication engineering |
| 11 | Bhabani sankar Dash | Electronics and communication Engineering |
| 12 | Lalita Muduli | Electrical and Electronic engineering |
| 13 | Priyansu Pritam Khatei | Electronic Communication Engineering |
| 14 | Snehasish Gahan | Mechanical |
| 15 | Satya ranjan Bhuyan | Mechanical Engineering |
| 16 | Abhishek Das | Mechanical engineering |
| 17 | Satya ranjan Bhuyan | Mechanical Engineering |
| 18 | Itimayee Mohapatra | Electronic communication engineering |
| 19 | Subham Narayana Martha | Electronics & communication engineering |
| 20 | Hiteshraj Garada | Ece |
| 21 | Iseeta Saumyadarshini | Electronic communication engineering |
| 22 | Adyasha Sahoo | Electronics and communication system |
| 23 | Bishnu Prasad debata | Electronics and communication engineering |
| 24 | Rudra Narayan Moharana | Electronics and communication engineering |
| 25 | Saswati Puhan | BTech cse |
| 26 | Sagar Nayak | Mechanical |
| 27 | HANSARAJ SAMAL | Electrical and electronics engineering |
| 28 | Sidharth Barik | EEE |
| 29 | Soumyaranjan Dehury | Aerospace |
| 30 | Destine Deep | Aerospace |
| 31 | TINKU NAYAK | EEE |
| 32 | Jagdish Prasad | Aerospace engineering |
| 33 | Priyanshu Nayak | Aerospace |
| 34 | Shivam Kumar | Electrical and electronics engineering |
| 35 | Sambit Kumar Panda | Aerospace |
| 36 | Sneharpita Mohapatra | Aerospace |
| 37 | Satya Brata nayak | Aerospace |
| 38 | Manjeet Hembram | Aerospace Engineering |
| 39 | Anuvab Pattnaik | Aerospace |
| 40 | SAYANTAN MANNA | Aerospace |
| 41 | Nihar Ranjan Mishra | Electrical and Electronic engineering |
| 42 | Karan Kumar | EEE |
| 43 | Ashish Kumar | ECE |
| 44 | Subhashree Sahoo | Electronics and Communication Engineering |
| 45 | Krushna Kumar Nayak | Electrical and Electronics Engineering |
| 46 | Ashribad Sarangi | ECE |

Attendees :

| Sr. No. | NAME | DEPARTMENT |
|---------|---------------------------------|---|
| 47 | Deepti Mayee Panda | Electronics and communication engineering |
| 48 | Puja Mohanty | Electronics and Communication Engineering |
| 49 | Arpit Das | Electrical electronics engineering |
| 50 | Mehul Rout | Electrical and Electronic engineering |
| 51 | Subhransu Patra | Ece |
| 52 | S.tulasi Parida | Mechanical engineering |
| 53 | Satyabrata Sahoo | Electronics and communication engineering |
| 54 | Rohit Jambhulkar | Ece |
| 55 | Biswajit Pattanaik | ELECTRONIC AND COMMUNICATION |
| 56 | Soumya Ranjan Dash | Electronics and communication engineering |
| 57 | Biswajit Patra | ECE |
| 58 | e rudra narayan patro | electronic communication and system |
| 59 | Bikash Kumar swain Bikash | Electronics and communication engineering |
| 60 | Jyoti prakash Barik | EEE |
| 61 | Aishwariya Ranjan Sahoo | EEE |
| 62 | Dharmananda Parthasarathi Nayak | Mechanical |
| 63 | Jyoti prakash Barik | EEE |
| 64 | Rashmيرانjan Behera | EEE |
| 65 | Ashwini Behera | Electrical and electronics engineering |
| 66 | Madhei Rohan | Mechanical engineering |
| 67 | HANSARAJ SAMAL | Electrical and electronics engineering |
| 68 | Abhijeet Kumar Nanda | ELECTRICAL AND ELECTRONICS ENGINEERING |
| 69 | Shyamant Kumar raj | Electronic and communication |
| 70 | Sambhunath Das | Mechanical |
| 71 | Ashwin Horo | Mechanical Engineering |
| 72 | Kasinath Karmakar | Mechanical Engineering |
| 73 | Badrinath Mahapatra | Mechanical engineering |
| 74 | Chittaranjan Beura | Mechanical Engineering |
| 75 | Subhranshu Nanda | Mechanical engineering |
| 76 | Balunkeswar Panda | Mechanical engineering |
| 77 | Balunkeswar Panda | Mechanical engineering |
| 78 | Suvam Sutar | Mechanical |
| 79 | Prabhanjan Pradhan | Mechanical |
| 80 | Soumya Ranjan Pradhan | Mechanical |
| 81 | Swarup Kumar Sahoo | Mechanical |
| 82 | Kumkum Mishra | Mechanical Engineering |
| 83 | Bismaya Jyoti Dalei | Computer science and engineering |
| 84 | Shivani Bharti | Electronic and communication engineering |
| 85 | Avirama Sahoo | Mechanical engineering |
| 86 | Afsan Ali | Electronics and communication engineering |
| 87 | Sandeep Panigrahi | Electronics and communication Engineering |