

Event Details	
Event Name	Workshop
Topic	Two Days Workshop on Mobile App Development AI Powered Cyber Security and Augumented Analytics
Date	2024 -01-29 to 2024 -01-30
Mode	Offline
Venue	Pulitzer hall, Sun Hall
Organizer Name	Dr. Deepak Sood , Dr. Reena Malik , Dr. Tanvi Jindal
Resource Person	Mr. Harpreet Khattar  Founder at Seculabs Inc.
No. of Participants	203
SDG No	SDG 4: Quality Education SDG 17: Partnership for the Goals

Objective :

- To understand the fundamentals of mobile app architecture , design principles , and development frameworks .
- To gain proficiency in building user-friendly interfaces and implementing key features using appropriate tools and technologies .
- To learn effective strategies for testing , debugging , and deploying mobile applications across different platforms
- To explore techniques for analyzing network traffic , identifying malicious behavior , and responding to security incidents .

Description :

Throughout the workshop , participants had the opportunity to engage in practical exercises , case studies , and group discussions to deepen their understanding of each topic . By the end of the two days , attendees gained valuable insights and skills in mobile app development , AI-powered cybersecurity , and augmented analytics , equipping them to tackle real-world challenges in these rapidly evolving fields . Participants explored how artificial intelligence and machine learning techniques are applied to enhance cybersecurity measures . Topics included were threat detection and prevention , anomaly detection , behavior analysis , and risk assessment using AI algorithms . Hands-on exercises could involve working with cybersecurity tools and datasets to understand how AI can bolster defenses against cyber threats . This workshop covered the techniques for extracting meaningful insights from large datasets , such as data visualization , predictive analytics , and natural language processing . Participants learned about tools and platforms for augmented analytics , as well as best practices for implementing AI-driven data analysis solutions . Day 1 kicks off with Mobile App Development , where participants delve into the core principles and practices of crafting intuitive and feature -rich mobile applications . From mastering development frameworks like React Native and Flutter to exploring advanced topics such as performance optimization and backend integration , attendees will gain invaluable insights and hands-on experience to build their dream apps . Transitioning to Day 2, the focus shifts to the formidable domains of AI-Powered Cybersecurity and Augmented Analytics . Dive deep into the world of artificial intelligence and machine learning , discovering their pivotal role in fortifying digital defenses against cyber threats . Through real-world case studies and interactive simulations , participants will hone their skills in threat detection , anomaly analysis , and proactive risk mitigation . In parallel, Augmented Analytics unveils the transformative potential of AI in deciphering complex datasets , empowering data-driven decision -making like never before . From data preparation techniques to predictive modeling and visualization , attendees will unlock the secrets to extracting actionable insights and driving

## Outcomes :

- Participants gain practical skills in mobile app development , AI-powered cybersecurity , and augmented analytics , enabling them to create innovative solutions in these domains .
- Attendees acquire a deeper understanding of emerging technologies such as AI and machine learning , and how these technologies can be applied to enhance cybersecurity measures and data analysis capabilities .
- Participants have hands -on experience through interactive sessions , practical exercises .



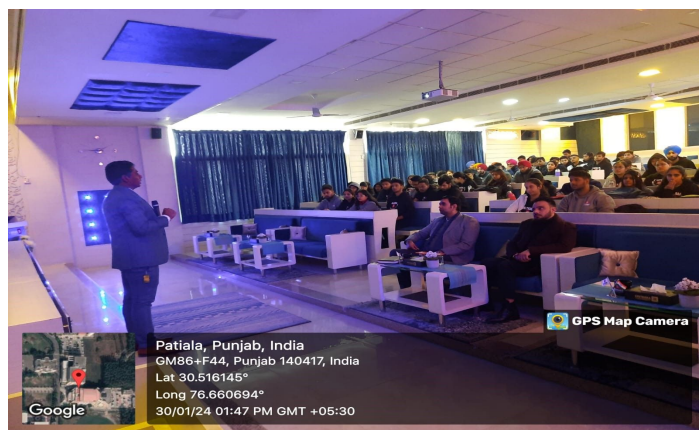
Formal welcome address of Resource person by Dr. Deepak Sood (29.01.24)



Mr. Harpreet Khattar interacting with students Day 1 (29.01.24)



Resource person while answering queries (29.1.24)



Mr. Harpreet interacting with students Day 2 (30.01.24)





Mr. Harpreet taking student's query (30.01.24)



Successful completion of workshop (30.1.24)