

FDP on “AI tools in Software Development life Cycle -SDLC”

Event: 5 Days Faculty Development Program (FDP)

Date & Time: 21st March, 2024 (11:00 AM – 2:00 PM)

Venue: Jagran Institute of Management-Kanpur

Resource Person: Mr. Adarsh Kant, Startup Incubatee at C3ihub IIT Kanpur

Participants: Faculties, Academicians and Research Scholars of various Institutes and Universities

Mode: Offline/Online

Jagran Institute of Management organized five days FDP program on skilling of AI tool for research, productivity & quality. The topic for day 3 was “AI Tools in Cyber Security”. AI tools are revolutionizing cyber security by enhancing threat detection, response, and mitigation. Leveraging machine learning algorithms, these tools analyze vast amounts of data to identify anomalies, predict potential threats, and automate incident response. From intrusion detection to malware analysis, AI-powered cyber security solutions are critical in safeguarding digital assets against evolving cyber threats.

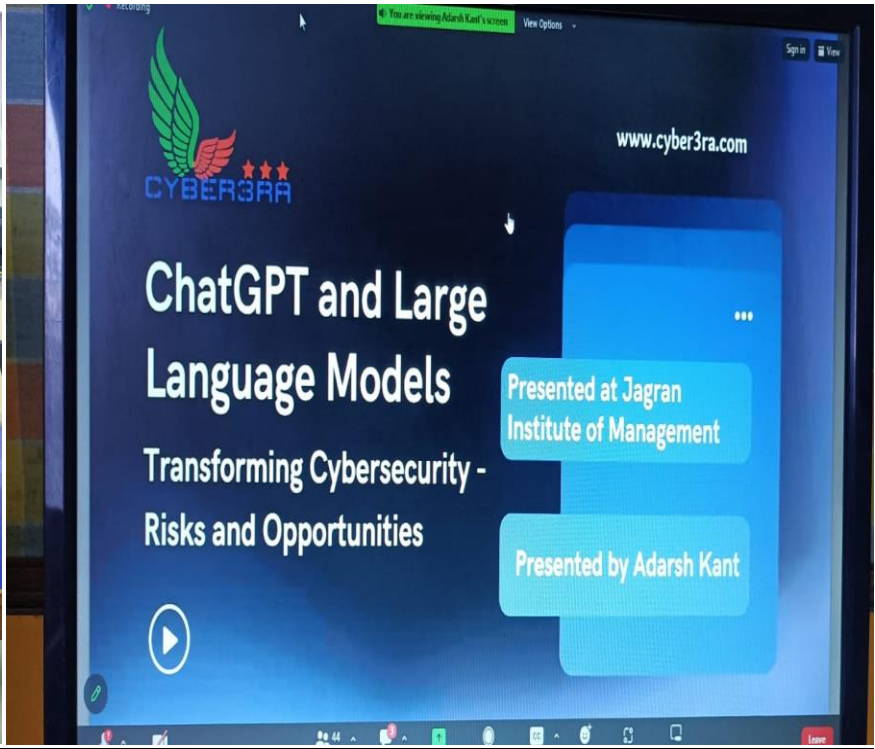
Adarsh Kant from IIT's CIHub delivered a lecture on AI Tools in Cyber Security, While classifying cyber security in his address, he explained in detail about the use of Chat-GPT and use of special tools. Yes. Citing the early inventions of PT models, he said that today India is at 9th position in the world in terms of cyber threat. In today's era, people are making maximum use of internet and social media to use new technologies due to which cyber attackers can steal any kind of important information given by us which may prove to be dangerous in future. Hackers provide you with attractive offers from unauthorized companies so that you can easily fall into their trap by giving personal information.

In his address, he explained the uses of ChatGPT and its tools. Said that in today's era more and more people are using social media to use internet and new technology are being used, due to which cyber attackers are stealing information. He also provided special tools for safety to all the participants, doing research work participating in this workshop. In his session he discussed about some AI Hacking Tools WormGPT, FraudGPT, PoisonGPT, AutoGPT, PentestGPT, SecGPT. Also advised to use some Popular Frameworks and Libraries for Securities such as LangChain HuggingFace Models, oobabooga, Make.com, PromptTools Github etc. One should learn better options for the use and security of block chain in the use of new technologies.

All the participating faculties got solutions to the related queries in the question and answer session.

Director of the institute, Dr. Divya Chowdhry expressed her gratitude to the Adarsh Kant by presenting him a sapling followed by group photograph.

Glimpses of the Event



Zoom Meeting | You are viewing Adarsh Kant's screen | Recording | View Options | Sign in | View

Threat Statistics

Market Statistics

\$1 Trillion
Global Cybersecurity Market Size

\$8 Trillion
Cybercrime damage by 2023

\$2.2 M
Avg Cost of Data Breach in India

\$4.35 M
Avg Data Breach Cost in US

Global spending on Cybersecurity products and services has exceeded \$1 trillion cumulatively from 2017 to 2021 with a CAGR of 12-15%.

2017 2018 2019 2020 2021

71% Expected Cyber Security Budget to increase in next three years

Global Cyber Crime Damage

\$16.4
Billion per day

\$684.9
Million per hour

\$11
Million per minute

\$190,000
Per Second

Source embroker.com cybersecurityventures.com

Adarsh Kant

Prateek Dubey

Prateek Dubey

Dr. Nibha Sinha

Dr. Nibha Sinha

Richa Mishra

Richa Mishra

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Participants: 46 | Chat | Share Screen | Record | Show Captions | Reactions | Apps | Whiteboards | Leave | 12:10 PM



