



**Date: 31 January 2025 to 05 January 2025**

## FINAL REPORT

<b>Title of FDP :</b>	<b>Cyber Security in the Age of GenAI: Threats, Defenses, and Intelligent SOC's with LLM Integration (Hybrid mode)</b>
<b>Duration of activity:</b>	<b>5 Days FDP scheduled from 31st December 2025 to 5th January 2026</b>
<b>FDP Coordinators</b>	Dr. Manish Dixit (MITS DU), Dr. Neelam Dayal (PDPM-IIITDM) and Dr. Kirti Raj Bhatele (MITS DU)
<b>Number of participants:</b>	Online (43) and Offline (43) at Conclave center, MITS DU, Gwalior
<b>Brief Description of the activity:</b>	<p><b><u>DAY 1 : 31 December 2025</u></b></p> <p>The first day of the five-day Faculty Development Program (FDP) titled “<i>Cyber Security in the Age of GenAI: Threats, Defenses, and Intelligent SOC's with LLM Integration</i>” commenced with expert-led sessions focusing on emerging challenges and solutions in cyber security, cloud computing, autonomous systems, and Python-based security applications. The sessions were designed to provide participants with a strong theoretical understanding as well as practical insights relevant to modern cyber security ecosystems.</p> <hr/> <p><b>Details of Sessions Conducted</b></p> <p><b>Session 1: Addressing Latency and Security in Cloud and Mobile Environments</b></p> <p><b>Resource Person: Dr. Chittaranjan Swain, ABV-IIITM Gwalior</b></p> <p>Dr. Chittaranjan Swain delivered a comprehensive lecture on latency and security challenges in distributed cloud and mobile computing environments. The session focused on resource allocation problems and their impact on system performance and security.</p> <p>He introduced <b>Matching Theory</b> as an effective mathematical framework for solving allocation challenges and explained its practical relevance using the <b>Stable Marriage Problem</b>. This model demonstrated how stable matching between users and edge or fog servers can significantly reduce latency and enhance system efficiency.</p> <p>The lecture also covered fog computing architectures and emphasized the importance of low-latency and secure design in real-time applications. Advanced optimization techniques, including <b>heuristics, meta-heuristics, and approximation algorithms</b>, were discussed as essential tools for improving computational efficiency and secure data processing. The session concluded by highlighting the importance of integrating theoretical models with practical algorithmic solutions in mobile-cloud networks.</p> <hr/>



## Session 2: Autonomous Mobility Systems and Generative AI

**Resource Person: Dr. Deepak Kumar Dewangan, ABV-IIITM Gwalior**

Dr. Deepak Kumar Dewangan delivered an insightful lecture on the integration of autonomous mobility systems with Generative AI technologies. The session began with an overview of how autonomous vehicles operate, explaining perception and navigation in complex environments.

He elaborated on **sensor fusion techniques**, highlighting the combined use of LiDAR, RADAR, and camera systems for accurate environmental understanding. The session further examined key security vulnerabilities in autonomous vehicle ecosystems, including threats from adversarial and malicious cyber-attacks.

Dr. Dewangan discussed the role of Generative AI as a defensive mechanism to enhance system resilience. He also explained the **Transformer architecture**, focusing on the **attention mechanism** and the interaction of Query, Key, and Value vectors. The session emphasized how attention-based models enable context-aware perception and prediction, contributing to secure and reliable autonomous driving systems.

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## Session 3 & 4: Python Programming for Cyber Security Applications

**Resource Person: Dr. Rahul Dubey, MITS-DU Gwalior**

Sessions three and four were conducted by Dr. Rahul Dubey and focused on establishing a strong foundation in Python programming for cyber security applications. The sessions began with the installation and configuration of **Kali Linux and Python**, highlighting their importance in development, experimentation, and security-related work.

Participants were introduced to Python fundamentals, including data types and data structures such as lists, tuples, dictionaries, and sets. Flow control concepts, including conditionals, loops, and control statements, were explained to demonstrate logical program execution.

The sessions emphasized modular programming using functions, modules, and packages, followed by a detailed discussion on **Object-Oriented Programming (OOP)** concepts such as classes, objects, inheritance, composition, and interaction between classes. The lectures concluded with an introduction to **NumPy and pandas**, highlighting their applications in numerical computing and data analysis for handling cyber security datasets. At the end the participants are made to install the Kali Linux OS.

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## Outcome of Day 1

Day 1 of the FDP successfully established a strong conceptual and practical foundation in **cloud security optimization, autonomous systems security, and**



**Python-based cyber security programming.** The sessions equipped participants with essential knowledge required to understand advanced cyber threats and defenses in the era of Generative AI, setting the stage for deeper technical discussions in the subsequent days of the program.

## Day 2: 1<sup>st</sup> January 2026

The second day of the Faculty Development Program continued with in-depth expert sessions focusing on **cryptographic foundations, secure Generative AI systems, and email security forensics**. The sessions provided a balanced mix of theoretical understanding and practical exposure, enabling participants to strengthen their knowledge of security mechanisms essential for AI-driven and data-centric environments.

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### Details of Sessions Conducted

#### Session 1: Modern Cryptographic Foundations for Intelligent Systems

**Resource Person: Ms. Meena Lakshmi**, National Forensic Sciences University (NFSU), Bhopal

Ms. Meena Lakshmi delivered an insightful lecture on “*Modern Cryptographic Foundations for Intelligent Systems: Hashing, Symmetric and Asymmetric Encryption, Key Management, and AI-Aware Security Models.*” The session emphasized the critical role of cryptography in securing modern AI-driven systems, particularly in **distributed, IoT, and edge computing environments**.

The lecture highlighted how cryptographic techniques ensure **confidentiality, integrity, privacy, and controlled access** in intelligent systems. Core concepts such as **secret key encryption**, transformation of plaintext to ciphertext, and **access control mechanisms** were discussed in detail.

The session introduced **hashing as a one-way cryptographic function**, with a focus on **SHA-256** and its real-world applications. Advanced topics including **privacy preservation, homomorphic encryption, and federated learning** were also introduced, demonstrating how cryptography enables secure computation and collaborative learning in AI systems. The session concluded with hands-on exposure to cryptographic concepts and their practical implementations.

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#### Session 2: Generative AI for Security – Prompt Engineering, RAG, and Guardrails

**Resource Person: Dr. Santosh Singh Rathore**, ABV-IIITM Gwalior

Dr. Santosh Singh Rathore delivered an in-depth lecture on “*Generative AI for Security: Prompt Engineering, RAG, Evaluation, and Guardrails.*” The session focused on understanding how **Generative AI and Large Language Models (LLMs)** can be effectively and securely applied to cybersecurity use cases.

The lecture covered the working principles of LLMs, including how models process inputs and generate outputs. Key aspects of **prompt engineering** were discussed, emphasizing their importance in controlling model behavior in security-sensitive



applications. Configuration parameters such as **output length, temperature, Top-K, and Top-P sampling** were explained to demonstrate how model responses can be fine-tuned.

The session also introduced **Retrieval-Augmented Generation (RAG)**, its architecture, and advantages over traditional AI chatbots, particularly in improving accuracy and reliability. The importance of **evaluation mechanisms and guardrails** was highlighted to ensure safe, responsible, and trustworthy AI outputs in cyber security systems.

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### Session 3 & 4: Email Header Analysis and Authentication Mechanisms

**Resource Person: Dr. Satya Prakash, C3i Hub, IIT Kanpur**

Dr. Satyam Prakash conducted two comprehensive sessions on “*Analyzing Email Headers and Authentication Mechanisms*.” The sessions focused on the technical foundations of email communication, common phishing techniques, and **forensic analysis of email headers** to detect malicious activities.

The lecture covered **email architecture and message flow**, emphasizing the importance of header forensics in identifying spoofing and phishing attacks. Authentication mechanisms such as **Sender Policy Framework (SPF)**, **DomainKeys Identified Mail (DKIM)**, and **DMARC** were explained in detail, highlighting their roles in verifying sender authenticity and enforcing email security policies.

Best practices for DMARC implementation were discussed, followed by **hands-on forensic lab exposure**, enabling participants to practically analyze email headers and authentication results. These sessions strengthened participants’ capabilities in email security analysis and cyber forensic investigations.

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### Outcome of Day 2

Day 2 of the FDP significantly enhanced participants’ understanding of **cryptographic security, secure deployment of Generative AI systems, and email forensics**. The sessions equipped participants with both conceptual clarity and practical skills necessary to design, analyze, and secure intelligent cyber security systems in the era of Generative AI.





### **DAY 3: 2<sup>nd</sup> January 2026**

The third day of the Faculty Development Program focused on the application of Artificial Intelligence in digital forensics, intelligent cyber defense systems, and phishing detection using Generative AI. The expert sessions emphasized both conceptual understanding and practical methodologies, enabling participants to explore how AI-driven approaches are transforming modern cyber security investigations and operations.

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### **Details of Sessions Conducted**

#### **Session 1: Artificial Intelligence in Digital Forensics**

**Resource Person:** Dr. Nitesh K. Bharadwaj, NIT Raipur

Dr. Nitesh K. Bharadwaj delivered an informative lecture on the use of Artificial Intelligence in Digital Forensics. The session focused on how AI-driven techniques are increasingly being applied to cyber security investigations to efficiently handle large volumes of digital evidence.

The lecture covered the role of AI in cybercrime detection, network traffic analysis, and forensic decision-making. Participants were introduced to various digital forensics methodologies and cyber security tools used in real-world investigations. The session also provided detailed insights into different types of log files, including system logs, network logs, application logs, and cyber security-related logs.

Dr. Bharadwaj explained how AI-based log analysis and correlation techniques help identify malicious patterns and support faster and more accurate forensic investigations. The session concluded with a discussion on the classification of different domains of digital forensics and their practical significance in modern cyber security environments.

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#### **Session 2: AI-Driven Cyber Defense and Intelligent SOC's**

**Resource Person:** Dr. Krishna Berwal, Military College of Telecommunication Engineering (MCTE), Mhow

Dr. Krishna Berwal delivered an in-depth lecture on “*AI-Driven Cyber Defense: Building Intelligent Security Operations Centers (SOC's) with Generative Models and LLM Integration.*” The session focused on enhancing the efficiency and effectiveness of modern SOC operations through the integration of AI technologies.

The lecture began with an overview of traditional SOC foundations, including monitoring, threat detection, and incident response processes. Dr. Berwal highlighted the operational challenges faced by SOC's and emphasized the need for AI-driven solutions to manage large-scale and complex cyber security environments.

The session discussed the role of Artificial Intelligence and Machine Learning in threat detection and anomaly identification, followed by the application of



Generative Models and Large Language Models (LLMs) as decision-support tools. The integration of LLMs into SOC workflows for alert analysis, investigation support, and reporting was explained in detail. Emphasis was also placed on human-in-the-loop security, along with discussions on security risks, limitations, and architectural considerations of AI-enabled SOC systems.

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### Session 3 & 4: AI-Driven Phishing Detection and Awareness

**Resource Person:** Dr. Satya Prakash, C3i Hub, IIT Kanpur

Dr. Satyam Prakash conducted two comprehensive sessions on “*AI-Driven Phishing Detection and Awareness Using Generative Models*.” The sessions focused on understanding the evolving phishing threat landscape and the role of AI in detecting and mitigating phishing attacks.

The lecture provided a conceptual overview of phishing attack vectors and explained AI-driven phishing detection mechanisms. Participants received practical exposure to email header forensics, feature extraction techniques for identifying phishing indicators, and training machine learning classifiers for phishing detection.

The sessions also covered evaluation metrics for classifier performance, simulation of Generative AI-based phishing attacks, and discussion of defense strategies against AI-driven phishing campaigns. The hands-on approach helped participants bridge the gap between theory and real-world cyber security defense practices.

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### Outcome of Day 3

Day 3 of the FDP significantly strengthened participants’ understanding of AI-assisted digital forensics, intelligent SOC design, and AI-driven phishing detection. The sessions provided valuable insights into how Generative AI and machine learning techniques can be responsibly and effectively applied to enhance cyber security investigation, monitoring, and defense mechanisms in modern digital ecosystems.



## DAY 4: 3<sup>rd</sup> January 2026

The fourth day of the Faculty Development Program focused on advanced Generative AI concepts, secure software development, and the legal dimensions of AI security. The expert-led sessions provided participants with a holistic understanding of how Generative AI technologies impact cyber security from technical, architectural, and regulatory perspectives. The sessions emphasized conceptual clarity, real-world applications, and emerging challenges in AI-enabled systems.

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### Details of Sessions Conducted

#### **Session 1: Generative Adversarial Networks – Concepts and Cybersecurity Applications**

**Resource Person:** Dr. Robin Singh Bhadoria, NIT Hamirpur

Dr. Robin Singh Bhadoria delivered an in-depth lecture on “*Generative Adversarial Networks (GANs): Concepts, Architecture, and Applications.*” The session introduced participants to the theoretical foundations of generative models and explained the role of GANs within deep learning ecosystems.

The lecture provided an intuitive explanation of adversarial learning, detailing the interaction between the Generator (G) and Discriminator (D) networks. Participants were introduced to the GAN objective function and the step-by-step training process.

The session highlighted the significance of GANs in data generation, anomaly detection, and cybersecurity threat modeling, demonstrating how GAN-based techniques can be applied to identify abnormal patterns and simulate attack scenarios in security-sensitive environments.

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#### **Session 2: Transformers, Large Language Models, and ChatGPT – A Cybersecurity Perspective**

**Resource Person:** Dr. Sumantra Dutta Roy, IIT Delhi

Dr. Sumantra Dutta Roy delivered an informative lecture on “*Introduction to Transformers, Large Language Models, and ChatGPT with a Cybersecurity Perspective.*” The session traced the evolution of artificial intelligence from traditional machine learning approaches to modern deep learning architectures.

The lecture explained the limitations of earlier models and introduced Transformer architectures as a key breakthrough in AI development. Core concepts such as self-attention mechanisms, Large Language Models (LLMs), and their training paradigms were discussed.

ChatGPT was presented as a practical application of LLMs, illustrating real-world use cases. The session concluded with a discussion on cybersecurity risks, ethical concerns, and responsible usage of AI models **in security-critical**



environments.

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### Session 3: Ensuring Code Security in the Era of Generative AI

**Resource Person:** Dr. Deepak Singh Tomar, MANIT Bhopal

Dr. Deepak Singh Tomar delivered an insightful lecture on “*Ensuring Code Security in the Era of Generative AI.*” The session focused on the evolving challenges of secure software development in environments influenced by AI-assisted coding tools.

The lecture emphasized the importance of code security, the relevance of the Secure Development Lifecycle (SDLC), and the impact of Generative AI on traditional software development workflows. New security risks associated with AI-generated code, including vulnerabilities and prompt injection attacks, were discussed in detail.

The session highlighted the need for secure coding practices, validation mechanisms, and human oversight to mitigate risks introduced by automated code generation.

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### Session 4: Adversarial Attacks on AI Systems and Cybersecurity Legal Frameworks

**Resource Person:** Dr. Amitesh Singh Rajput, National Law Institute University (NLIU), Bhopal

Dr. Amitesh Singh Rajput delivered an insightful lecture on “*Navigating Adversarial Attacks on AI Systems within the Evolving Cybersecurity Legal Framework.*” The session focused on understanding security threats unique to AI systems and the growing importance of aligning technical defenses with legal and regulatory frameworks.

The lecture covered adversarial examples, data poisoning attacks, and model inversion attacks, highlighting their impact on AI model behavior and data privacy. The session also discussed technical defense strategies and introduced AI-specific cybersecurity regulations and compliance considerations, emphasizing the need for interdisciplinary collaboration between technologists and legal experts.

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### Outcome of Day 4

Day 4 of the FDP provided participants with a comprehensive and interdisciplinary perspective on Generative AI, covering GAN architectures, LLM foundations, secure software development, and legal challenges in AI security. The sessions enhanced participants’ ability to critically analyze, design, and secure AI-driven systems while considering both technical robustness and regulatory compliance.





## DAY 5: 5<sup>th</sup> January 2026

The fifth and concluding day of the Faculty Development Program focused on email security, AI-enabled digital forensics, and incident response with regulatory compliance. The sessions emphasized practical defense mechanisms, forensic investigation workflows enhanced by Generative AI, and legal frameworks governing cybersecurity incidents, thereby providing participants with an end-to-end understanding of operational and regulatory aspects of modern cyber security.

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### Details of Sessions Conducted

#### Session 1: Email Security and Anti-Phishing Controls

**Resource Person:** Dr. Rupesh Kumar Dewang, NIT Raipur

Dr. Rupesh Kumar Dewang delivered a comprehensive lecture on “*Email Security and Anti-Phishing Controls*.” The session focused on the growing threat of email-based cyberattacks, including phishing and spoofing, and the importance of implementing robust technical and policy-based security controls.

The lecture covered the structure and functioning of email communication systems, common phishing techniques, and indicators of malicious emails. Dr. Dewang explained the role of email authentication mechanisms such as SPF, DKIM, and DMARC in preventing sender spoofing.

The session also emphasized email filtering strategies, user awareness programs, and best practices for integrating email security policies into organizational cyber security frameworks to reduce the risk of phishing attacks.

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#### Session 2: Cybersecurity and Digital Forensics with RAG Implementation

**Resource Person:** Dr. Rajni Ranjan Singh Makwana, MITS-DU Gwalior

Dr. Rajni Ranjan Singh Makwana delivered an informative lecture on “*Cybersecurity and Digital Forensics with RAGs Implementation*.” The session focused on combining cybersecurity practices with digital forensic methodologies, enhanced through Retrieval-Augmented Generation (RAG) techniques.

The lecture provided an overview of digital forensics fundamentals, types of digital evidence, and common forensic data sources. The architecture and working of RAG-based systems were explained, highlighting their role in efficient evidence retrieval and contextual analysis.

The session demonstrated how AI-driven RAG models can support forensic investigations by improving accuracy, scalability, and analytical depth in modern cybercrime investigations.

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### Session 3 & 4: Incident Response, Ransomware Handling, and DPDP Compliance

**Resource Person:** Dr. Astitwa Bhargava, National Law Institute University (NLIU), Bhopal

Dr. Astitwa Bhargava conducted two in-depth sessions on “*Incident Response, Ransom Response, and Regulatory Touchpoints under the DPDP Framework.*” The sessions focused on preparing organizations to effectively respond to cybersecurity incidents and ransomware attacks while ensuring compliance with data protection regulations.

The lecture covered the incident response lifecycle, common ransomware attack vectors, and strategies for containment and recovery. Emphasis was placed on incident detection, analysis, documentation, and reporting.

Dr. Bhargav explained key provisions of the Digital Personal Data Protection (DPDP) framework, including notification and compliance requirements during cybersecurity incidents. The session highlighted the importance of coordination between technical teams, legal departments, and management, along with best practices for post-incident recovery and organizational preparedness.

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### Outcome of Day 5

Day 5 successfully concluded the FDP by equipping participants with practical knowledge of email security defenses, AI-enhanced digital forensic analysis, and legally compliant incident response strategies. The sessions reinforced the importance of integrating technical safeguards, AI-driven intelligence, and regulatory compliance to build resilient and trustworthy cyber security systems in the era of Generative AI.

#### Name of the resource person/Experts :

Dr. Chittaranjan Swain ( ABV IIITM Gwalior )  
Dr. Rahul Dubey ( MITS DU, Gwalior )  
Dr. Deepak Kumar Dewangan ( ABV IIITM Gwalior )  
Dr. Meena Lakshmi ( NFSU Bhopal )  
Dr. Santosh Rathore ( ABV IIITM Gwalior )  
Dr. Satya Prakash ( C3iHub, IIT Kanpur )  
Dr. Nitish K Bhargava ( NIT Raipur )  
Dr. Dr. Krishan Berwal ( MCTE , Mhow )  
Dr. Robin Singh Bhadoria ( NIT Hamirpur )  
Dr. Sumantra Dutta Roy ( IIT Delhi )  
Dr. Deepak Singh Tomar ( MANIT, Bhopal )  
Dr. Amitesh Singh Rajput ( NLIU, Bhopal )  
Dr. Rajni Ranjan Singh Makwana ( MITS-DU Gwalior )  
Dr. Rupesh Kumar Dewang ( NIT Raipur )  
Dr . Astitwa Bhargava ( NLIU Bhopal )

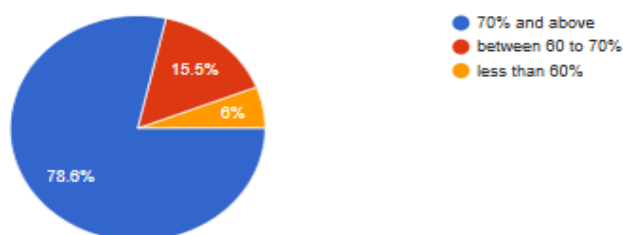


## FEEDBACK OF THE PARTICIPANTS ON FDP

What was your approximate percent of attendance ?

[Copy chart](#)

84 responses



The Course content was relevant ?

[Copy chart](#)



The Course delivery was well paced ?

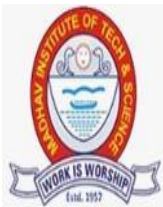
[Copy chart](#)



The presentation material was good ?

[Copy chart](#)





Would you like to attend a similar course in future?

[Copy chart](#)

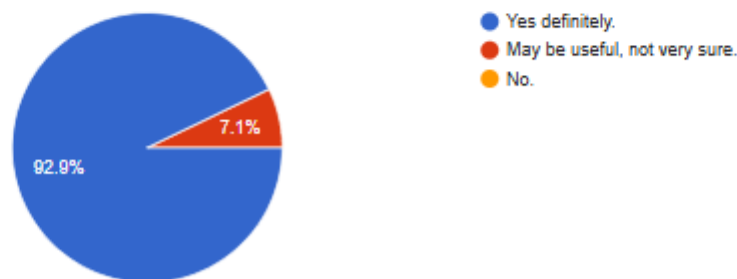
84 responses



Is this course going to be helpful for your future career growth or research?

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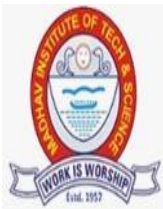
84 responses



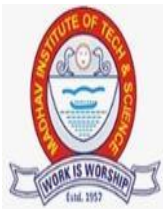
**Which session(s) did you like the most?**

Everything is excellent
Dr. Rajni Ranjan Sir
last
All the sessions were informative and interesting.
Dr. Chittaranjan Swain
Dr. Sumantra Dutta Roy Sir's session
Hands on session and compliance
Dr. Sumantra dutta roy
SOC LLM
Email security and anti phishing controls
All
Practice

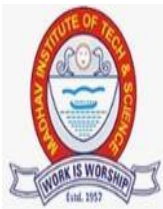




AI driven Phishing Detection
Session 2
Dr. Rahul Dubey
Sessions of Dr.Sathya Prakash sir
All
All
Dr.Astitwa Agarwal,Dr.Sumantra Datta Rai
AI Driven Fishing detection and awareness
Session 1,2,3,4
Threats, Defenses, and Intelligent SOC's with LLM Integration” was the most engaging and informative, especially the insights into AI-driven security operations.
All sessions are are good,I liked Dr roy session.
Python Introduction, Email Phishing and Incident response
All are useful
Saturday 11:30-1:30 sessions
Dr. Sumantra Dutta Roy Introduction to LLM/ChatGpt
Dr Roy
Language is very appropriate to undestand and comprehend.
Last Session
All the sessions were good.. The hands on sessions were very useful
Email attack
IIT DELHI FACULTY SESSION
All lecture sessions.
All
Introduction to Python in cyber security
All
All sessions
Day 4 session 1, 2
L 8
L-6 AI-Driven Cyber Defense: Building Intelligent Security Operations Centers (SOCs) with Generative Models and LLM Integration



Practical and knowledge based session
The LLM integration session
session 2
Dr. Astitva Bhargava
Dr. Rahul dubey and Dr. Satya prakash
All sessions
All the sessions were good
3
All
Gen AI implementation in Cyber security
Cyber crime and security
All the sessions
Generative AI for security
Evolution of NLP from Rule based LLM
Generative AI for Security
Every session was very informative.
I liked the session on GANs the most because it was very interesting and the examples helped me understand how GANs work in real applications.
All sessions which I have attended are equally important and informative
Lecture 9 Email Security
demo sessions
Session third
Dr. Sumantra Dutta Roy (IIT Delhi) (Introduction to Transformers/LLMs/ChatGPT with a Cyber security perspective)
NA
Gen AI
Gen AI
Towards Secured Autonomous Vehicle through Generative AI and LLM Integration and Transformer
all
Llm
All



**माधव प्राद्यागका एव विज्ञान सस्थान, ग्वालियर (म.प्र.), भारत**  
**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA**  
**Deemed University**  
**(Declared under Distinct Category by Ministry of Education, Government of India)**  
**NAAC ACCREDITED WITH A++ GRADE**



Every
All over good
Dr. Satyaprskash sir, Dr. Rahul Dubey Sir, Dr. Astitwa Bhargava Sir, Dr. Rajni Ranjan Sir
All
.
Lectures(L4 and L8)
Dr. Satya prakash sir, LLM, Rag
all the practical session
Cyber forensics
Dr. Astitwa Bhargav's Session

**Any suggestion for a course topic that you would like to attend in future?**

No
No
devops
Quantum computing in cyber security
Blockchain applications
Neural network & Machine learning
More demonstration on Cyber Security
No
Good job!
Ethical hacking
Yes
NA
XAI
NA
NA
Future next version can be floated
Deep learning related



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**Deemed University**  
**(Declared under Distinct Category by Ministry of Education, Government of India)**  
**NAAC ACCREDITED WITH A++ GRADE**



Very interesting and fruitful session
Generative AI and Its Ethical Use in Education and Industry
Topic should be more branch(stream) oriented.
Related to this... Some advanced topics
AI model security mechanism
IoT Security and IoT Forensics
No
SOC and SIEM
No
Bio-Informatics
None
Thank you
No
Perfectly organised
AI/ML Algorithms and mapping
Image processing in machine learning
more practical session
In the area of Agentic AI
E-mail Phishing and Security
nil
I would like to attend a future course on Secure and Responsible Generative AI for Cybersecurity Applications.
Request to organize such informative and lab sessions based FDP in future also
NA
Nil
no
Rag
Analomy detection for IOT device
Practical session of machine learning, Deep learning
Add some ML, DL part
Give some more practical hands-on in particular lab
NA

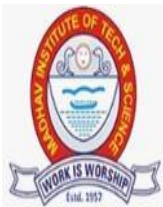




Security and Agentic AI
IOT

### Any suggestions to improve the program

No
None
No
NA
No
Do share the materials over email please.
No
NA
No suggestions. Everything was Top Notch
NA
NA
Conduct such FDPs more in future
NA
Not applicable
Balance sessions for beginners and advanced learners.
Listeners community or attendees should be large to adress.
None
Good
All lecture and lab sessions ppt/ pdf/ video recordings should be provided to FDP participants so that they can be benefitted most with revision in future.
No
No
No
None
Thank you
No
Perfect



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It's good
None
It was well planned, very informative and helpfull.
NIL
Very Good program
nil
No
Very Well Organized FDP Program - No Suggestions
NA
Duration should be less for more concentration
NO
No
NA
I think it would be better if it was organised from 2 to 8 pm
No



**माधव प्राद्यागका एव विज्ञान सस्थान, ग्वालियर (म.प्र.), भारत**  
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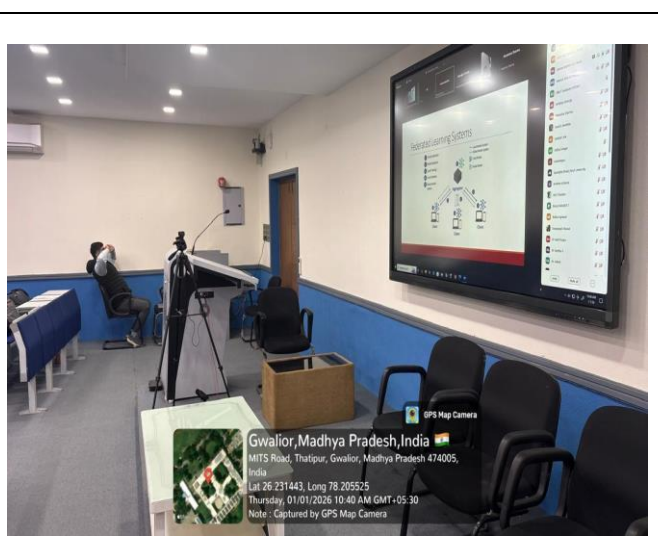
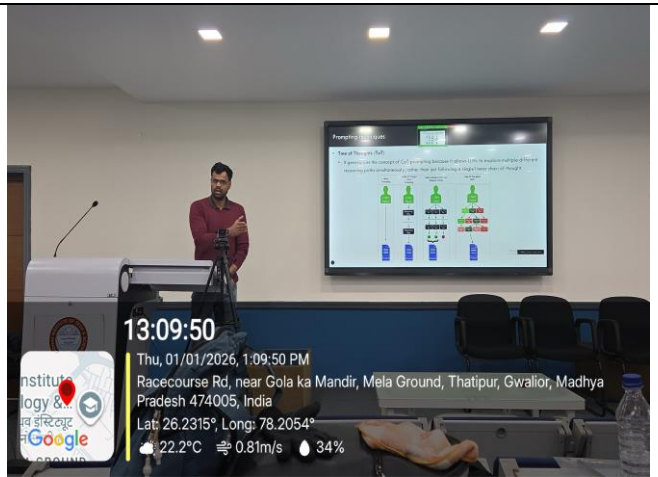
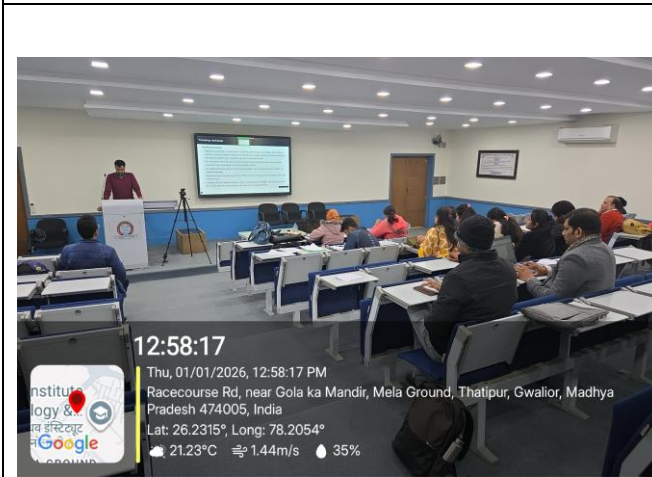
**Some Glimpses of the FDP sessions**







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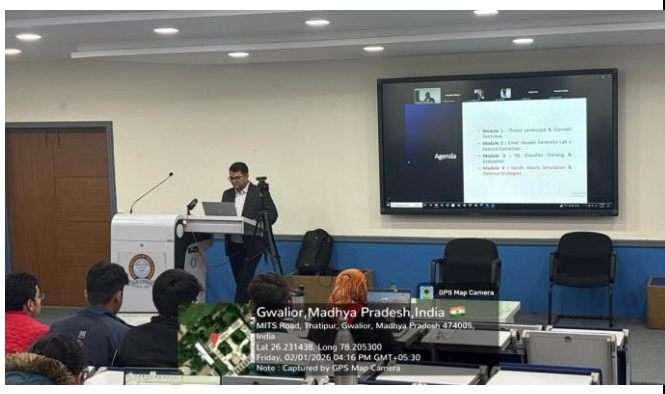
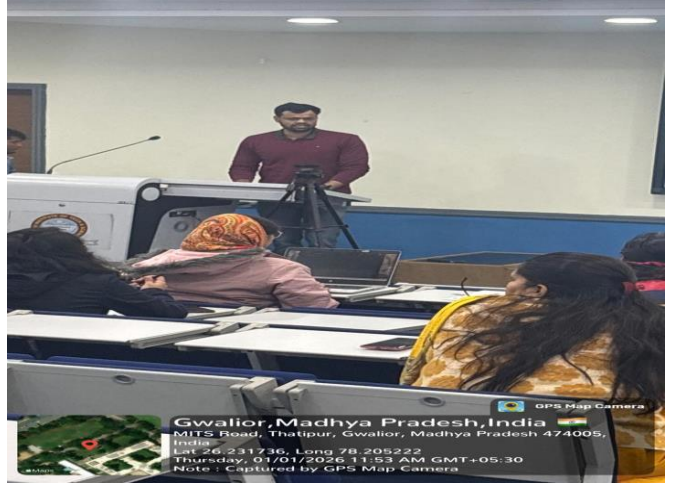
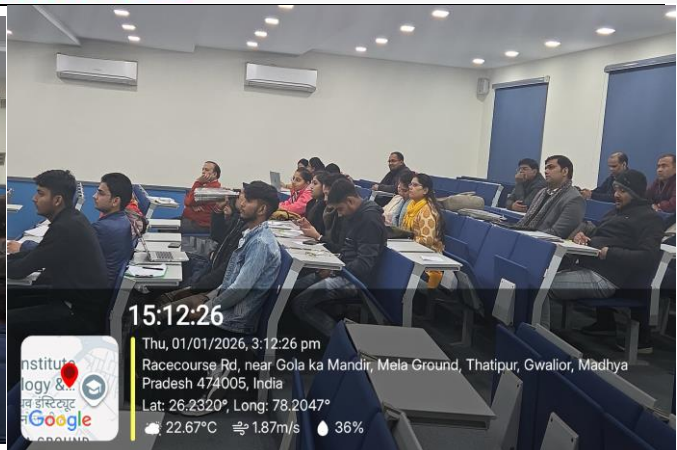




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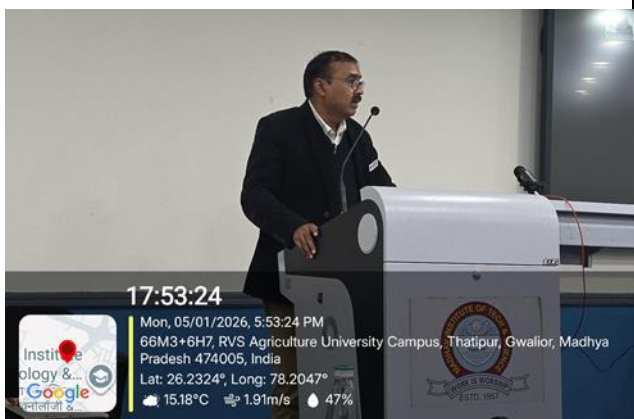




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FDP on Cyber Security in the Age of GenAI: Threats, Defenses, and Intelligent SOC's with LLM Integration" scheduled from 31st December 2025 to 5th January 2026

Attendance (5th January)

S. No.	Name of Participants	Signature
1	Kajal Chourasiya	Kajal.c
2	Manisha Pathak	manisha
3	Jigyasa Mishra	Jigyasa
4	Arti Ahirwar	Arti
5	Mona Pandey Sharma	Mona
6	Neelesh Thakur	Neelesh
7	Devshri Satyarthi	Devshri
8	Madhukar Dubey	Madhukar
9	Mausam Yadav	Mausam
10	Gajendra Singh Rajput	Gajendra
11	Pankaj Goyal	Pankaj
12	Reetu Shrivastava	Reetu
13	Rashmi Sachin Tikar	Rashmi
14	Madhwan Upadhyay	Madhwan
15	Vishal Taretiya	Vishal
16	Deepanjali Dhanuk	Deepanjali
17	Atul Sharma	Atul
18	Dr. Shradha Dubey	Shradha
19	Akanksha Sharma	Akanksha
20	Dr. Devanshu Tiwari	Devanshu
21	Pankaj sharma	Pankaj
22	Geetika Sharma	Geetika
23	Avnesh Kumar Joshi	Avnesh
24	Akanksha Bhatt	Akanksha
25	Shailendra Satyarthi	Shailendra
26	Himanshi Kirar	Himanshi
27	Pooja Tomar	Pooja
28	Durgesh Awasthi	Durgesh
29	Anil Kumar Fatehpuria	Anil
30	Ashish Singh	Ashish
31	Ramnaresh Sharma	Ramnaresh
32	Aashi Singh Bhadouria	Aashi
33	Aditi Samadhiya	Aditi
34	Utkarsh Sharma	Utkarsh
35	Rinki Pakshwar	Rinki
36	Kushal Kumar Yadav	Kushal
37	Mithun Sahay Shrivastava	Mithun
38	Hariom Sharma	Hariom
39	Dr.Ashish Tomar	Ashish
40	Atul Kumar Chauhan	Atul
41	Smita Maithil	Smita
42	Pooja Tripathi	Pooja
43	Archana Acharya	Archana