GOPALAN COLLEGE OF ENGINEERING AND MANAGEMENT
Whitefield, Bengaluru

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

1. **Activity/Event Name:** Guest Lecture on "Modern Cyber Security: Threats,Trends and Technologies"
2. **Thrust Area of the Event/Program:** Emerging Technologies, Cyber Security, Application Security , DevSecOps and Digital Security.
3. **Level of the Activity/Program:** 2
4. **Semester of the Event Conducted:** SEM-1
5. **Quarter of the event conducted:** Quarter 1(1st Sep 2026 – 30th Nov 2026)
6. **Date of the Event/Program/etc.:** 07-10-2026
7. **Duration of the Event/Program:** 240 Minutes (9:00 AM to 1:00 PM)
8. **Number of faculty participation:** 2
9. **Number of Students Participated**: 57
10. **Funds utilized for the Event/Program:** -Rs 5000/-
11. **Department:** Department of CSE(AI&ML) in collaboration with IIC - GCEM
12. **Objective**:

The objective of the guest lecture was to create awareness among students about the evolving landscape of modern cyber security, including emerging threats, attack techniques, Application Security, Security challenges, and technological advancements. The session aimed to familiarize students with common cyber attacks such as phishing, social engineering, malware, and ransomware, while emphasizing the importance of secure software development, application and API security, cloud security, IoT security, and mobile security.The programme also intended to introduce students to contemporary security practices such as DevSecOps, Zero Trust Architecture, identity-centric security, multi-factor authentication, and AI-driven cyber defence. Through industry-oriented insights and real-world cybersecurity incidents, the session aimed to bridge the gap between academic learning and industry practices, strengthen students' understanding of digital security, and motivate them to explore career

opportunities in cyber security, application security, cloud security, threat intelligence, and AI security.

13. Summary:

The Department of Computer Science and Engineering(AI&ML), Gopalan College of Engineering and Management (GCEM), Whitefield, Bengaluru, in association with the Institution's Innovation Council (IIC), a guest lecture on "**Modern Cyber Security: Threats, Trends and Technologies"** on **7th October 2026**, from **9:00 AM to 1:00 PM at LH 204.**

The session was delivered by Mr. Sabyasachi Dhal, Executive Director at Wells Fargo, a patent holder and IIM Bangalore alumnus with expertise in Application Security , DevSecOps and AI Security. The resource person shared valuable industry perspectives on the changing cyber threat landscape, the importance of proactive security measures, and the role of emerging technologies in protecting digital systems and applications.

The lecture covered fundamental cybersecurity concepts, the CIA Triad (Confidentiality, Integrity and Availability), common cyber attacks, and modern security practices. The speaker discussed application and API security, cloud and IoT security, mobile security, DevSecOps, Zero Trust Architecture, identity-centric security, and the growing role of artificial intelligence in both cyber attacks and defence mechanisms.

Real-world cybersecurity incidents were discussed to help students understand the consequences of security vulnerabilities, data breaches, ransomware attacks, and supply-chain compromises. The session also highlighted emerging trends such as AI-driven threat detection, passwordless authentication, continuous security monitoring, and secure software development practices.

The programme provided students with valuable exposure to current industry requirements and cybersecurity challenges. It encouraged them to develop security

awareness, adopt secure coding practices, explore emerging technologies, and consider career opportunities in the rapidly growing field of cyber security.

14. Benefits:

- Students gained awareness of modern cyber threats, attack techniques, and evolving security challenges.
- Participants developed an understanding of the CIA Triad and its importance in protecting information systems.
- Students learned about common cyber attacks, including phishing, social engineering, malware, and ransomware.
- The session improved awareness of application security, API security, cloud security, IoT security, and mobile security.
- Participants gained insights into DevSecOps, Zero Trust Architecture, multi-factor authentication, and identity-centric security.
- Students understood the potential applications of artificial intelligence in cyber defence and the risks associated with AI-enabled attacks.
- Real-world cybersecurity incidents helped participants understand the importance of vulnerability management, incident response, and proactive security measures.
- The session introduced students to career opportunities in cyber security, SOC operations, penetration testing, cloud security, application security, threat intelligence, and AI security.
- The programme encouraged students to develop practical cybersecurity skills and stay updated with emerging security technologies.
- The interaction with an experienced industry professional helped bridge the gap between academic knowledge and real-world cybersecurity practices.

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15.Registration details/Attendance Sheet: Registration details

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Whitefield, Bengaluru
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INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

Institute Innovation Council – GCEM
Department of CSE(AI&ML)

EVENT TITLE: Gues Lecture on "Modern Cyber Security: Threats, Trends and Technologies."

Date: 07-10-2026 **Time: 9:00 am to 1:00pm**
Venue: LH 204

S.No	Department	Student Name	Signature
1.	CSE-AIML	U. PRAJHESH	
2.	CSE-AIML	R Goutham Raaj	
3.	CSE-AIML	Abhilash.P.S	
4.	CSE-AIML	Adithya Pujari	
5.	CSE-AIML	Abhay.A	
6.	CSE-AIML	Uday Kumar K	
7.	CSE-AIML	Tharun Teja K	
8.	CSE-AIML	K. Rathishvar	
9.	CSE-AIML	Rounak Chatterjee	
10.	CSE-AIML	J. Mahendra	
11.	CSE-AIML	MD. AWAIZ PASHA	
12.	CSE-AIML	Nithin.M	
13.	CSE-AIML	Shubham Kumar	
14.	CSE-AIML	Muhammed Khuzaima Hussain	
15.	CSE-AIML	Vijay Kumar S.D	
16.	CSE-AIML	Vikas.M	
17.	CSE-AIML	Pavithranath.M	
18.	CSE-AIML	Chetan Purushotham	
19.	CSE-AIML	Priyanshu Chaudhary	
20.	CSE-AIML	Shantanu Singh	
21.	CSE-AIML	R. Kamalesh	
22.	CSE-AIML	BALAJI.S	
23.	CSE-AIML	Sharanya.R	
24.	CSE-AIML	Yoshini.M	
25.	CSE-AIML	N. Ramya	
26.	CSE-AIML	Sini CM	

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S.No	Department	Student Name	Signature
27.	CSE-AIML	Sinchana G	
28.	CSE-AIML	Misba Sadiq	
29.	CSE-AIML	Nandhini R.M	
30.	CSE-AIML	Sanjukta.K.K	
31.	CSE-AIML	Sharanya.P	
32.	CSE-AIML	R. Ruchitha	
33.	CSE-AIML	Swathi.N	
34.	CSE-AIML	Sneha Priya.V.M	
35.	CSE-AIML	UMME RUKIA	
36.	CSE-AIML	Tejas Gowda.B.K.	
37.	CSE-AIML	N. Gunashekar	
38.	CSE-AIML	Prashanth Maddaraki (076)	
39.	CSE-AIML	Thirumalai.L	
40.	CSE-AIML	Sumanth.K	
41.	CSE-AIML	NAVEEN.V.S	
42.	CSE-AIML	Vardhan.A. Shetty (114)	
43.	CSE-AIML	Sanjay.S.A (089)	
44.	CSE-AIML	Rohit Nikkam (083)	
45.	CSE-AIML	Shaikh Noor Ahmed (93)	
46.	CSE-AIML-A	Garima Kumari (038)	
47.	CSE-AI&ML-A	Aarushi Zutshi (CI0004)	
48.	CSE-AI&ML-A	E. Tanuja Reddy (CI036)	
49.	CSE-AI&ML-A	Aanya Sarna (CI003)	
50.	CSE-AI&ML-A	Aalisha Sarna (CI002)	
51.	CSE-AIML-A	Sumasya Reddy (CI049)	
52.	CSE-AIML-A	Bhagya ganesh (CI020)	
53.	CSE-AIML-B	Sree deepthi.P (CI102)	
54.	CSE-AIML-B	V. Vyshnavi (CI112)	
55.	CSE-AIML-B	Sanchari pal (CI088)	
56.	CSE-AIML-B	Mounika (CI063)	
57.	CSE-AIML-B	Sagar B (CI086)	
58.			
59.			
60.			

7.10.26

Signature of the IIC Coordinator

07/10/26

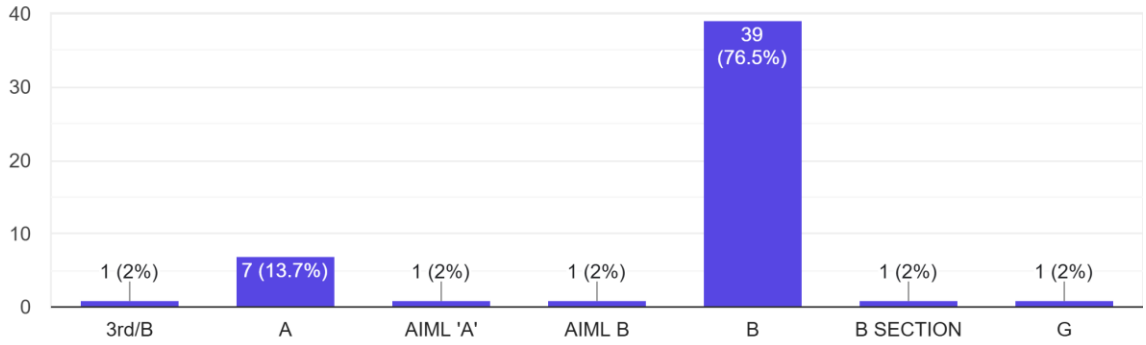
Signature of the HOD

HOD, CSE (AI & ML)
Gopalan College of Engineering
& Management
18/1, 18/2, Hoodi Village, Sonnenahalli,
K.R. Puram, Whitefield, Bengaluru

16. Feedback Form:

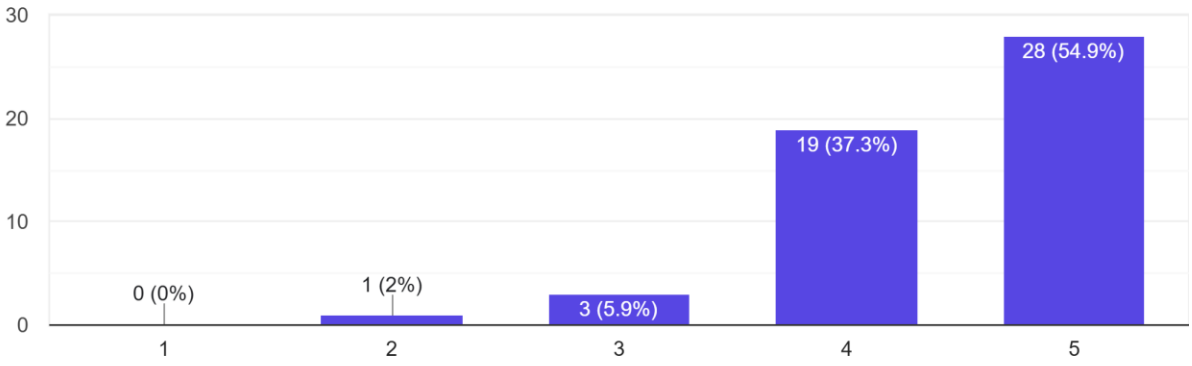
3. Section

51 responses



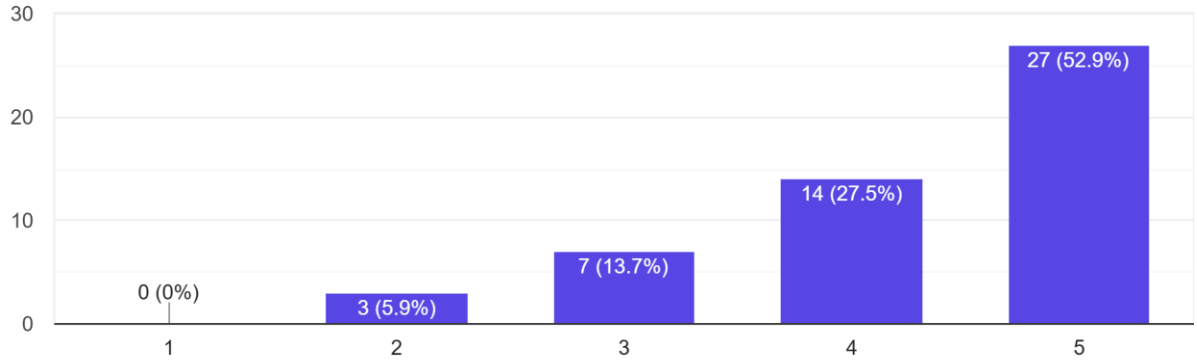
4. How would you rate the overall quality of the guest lecture? 1 – Poor | 2 – Fair | 3 – Good | 4 – Very Good | 5 – Excellent

51 responses



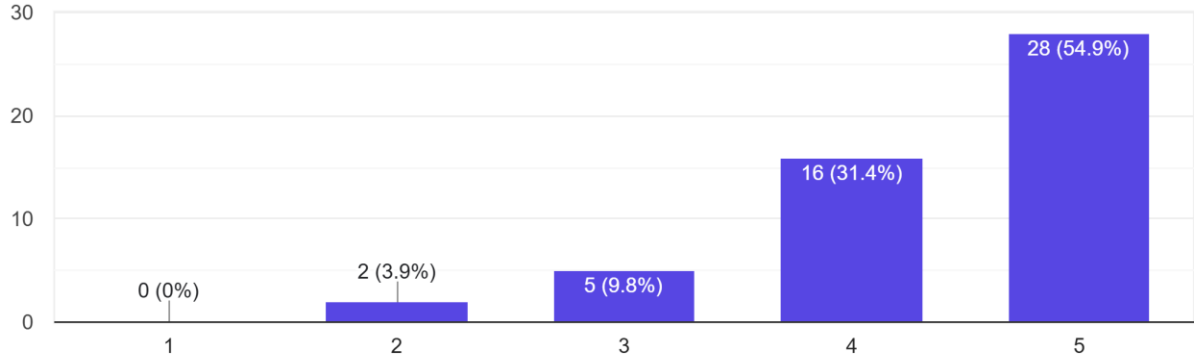
5.How relevant was the topic to your learning and academic interests?

51 responses



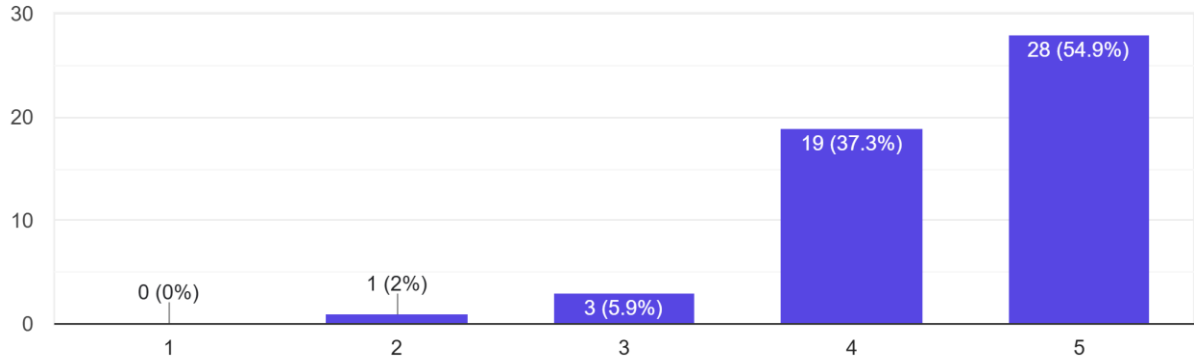
6. How engaging and interactive was the session?

51 responses



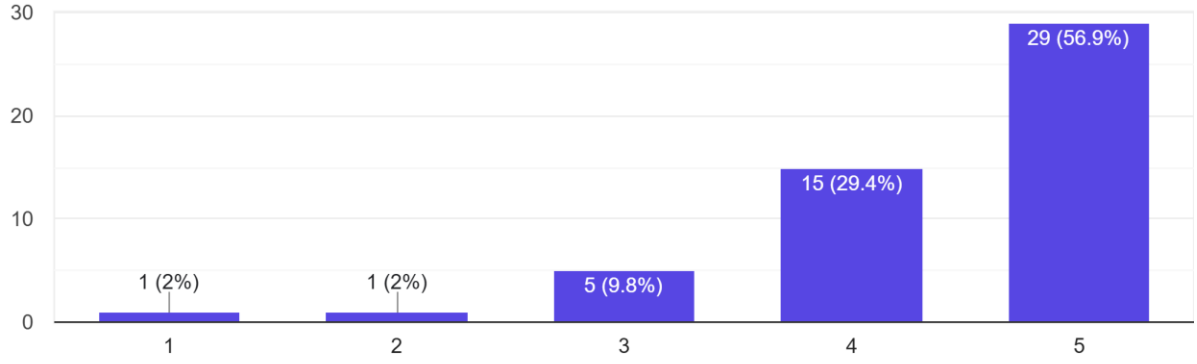
7.How would you rate the speaker's knowledge and expertise on the topic?

51 responses



8.Would you recommend similar guest lectures in the future

51 responses



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17. Flyer for the event:



18. Photo Collage of the Event/Program –













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19. Social Media Handles:

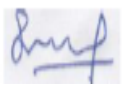
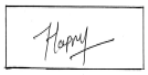
Social Media Handles	
Instagram	https://www.instagram.com/p/DePC0cGE1aY/?img_index=3&rpxt=MTB0YmplemVtejVxdg%3D%3D
LinkedIn	https://www.linkedin.com/feed/update/urn:li:activity:7515318906224574464/
Face Book Link	**https://www.facebook.com/story.php?story_fbid=1575694307908460&id=100064037160673&rdid=PoO4qUehwMKEvmwW#**

20. Details of the Resource Person/Speaker/Expert/Judge/Evaluator

S. No	Particulars	Details
1	Name of the Speaker/Expert	Mr.Sabyasachi Dhal B.Tech,M.S,EGMP Patent Holder | IIMB Alum | DevSecOps & AI Security
2	Industry/Company/Organization	Wells Fargo
3	Designation	Executive Director,Wells Fargo,Bangalore.
4	Mobile Number (WhatsApp)	98866 75750
5	E-mail id (Official and Personal)	Sabyasachi.dhal@gmail.com
6	Address of the Speaker	Bangalore

21. Names of the Faculty Coordinator: Suguna S,Happy Patel

22. Names of the Student Coordinator:NA



Prepared By
Faculty Coordinator

Verified by
Department HoD

Approved by
IIC President