NEW HORIZON COLLEGE OF ENGINEERING

Expert Talk
on

"Design and Development of Interactive JAVA Applications"

Organised by
Department of MCA

Date: 10th January 2026
Venue: B 305

Brief Description of the Event

The Department of MCA successfully organised an Expert Talk on "Design and Development of Interactive Java Applications," aimed at enhancing students' understanding of building user-friendly, interactive, and event-driven Java applications using modern GUI frameworks and best programming practices.

Introduction of the Resource Person

Ms. Niveditha M H, a student from MCA, I Semester – Section B, introduced the resource person, Mr. Maddi Abhilash, to the gathering. He currently serves as a Senior Software Developer at Anthology Inc. With strong expertise in Java Application Development, Event-Driven Programming, and Enterprise-Level Software Design, Mr. Abhilash has worked extensively on developing interactive applications with robust user interfaces and efficient backend integration. His professional experience includes designing scalable Java applications, implementing GUI components, and applying best practices for maintainable and reusable code.

Content Delivery by the Resource Person

Mr. Maddi Abhilash delivered an informative and engaging session focusing on the design principles and development process of

interactive Java applications. The key topics covered during the session were:

• Introduction to interactive Java applications
• Java GUI frameworks (AWT and Swing)
• Event-Driven Programming in Java
• Handling User Actions and Events
• Designing User-Friendly interfaces
• Best practices for interactive application development

The session began with an overview of interactive applications and their importance in modern software systems. Mr. Abhilash explained the role of Java GUI components in creating responsive applications and discussed how event handling enables user interaction. He demonstrated the use of buttons, text fields, labels, and event listeners to build simple yet effective interfaces.

He further emphasised design considerations such as Layout Management, Usability, and Modular Coding. Practical examples were used to explain how user actions such as button clicks and text input are handled through event listeners, along with concepts like event delegation, adapter classes, and efficient UI update mechanisms, making applications more dynamic and interactive.

Interactive Session with Students

The session concluded with an interactive Q&A segment, during which students actively engaged by raising questions on Java GUI components, event-handling mechanisms, and real-time application development challenges. The discussion enabled students to clarify their doubts and gain deeper insights into the design of interactive Java applications.

Activities Conducted

During the interactive session, the resource person presented scenario-based activities related to real-world Java application development. One such scenario involved designing a simple student registration interface using Java AWT, where students were asked to identify suitable components and event-handling techniques. This activity encouraged students to apply theoretical concepts and improved their understanding of interactive Java Application Design.

No. of Participants: 52

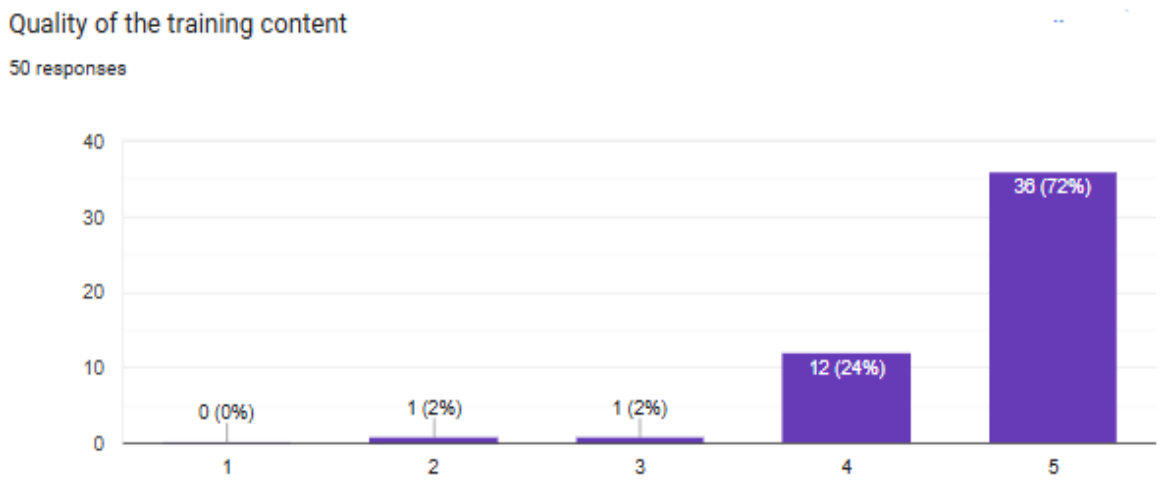
Winners (if any, for activities conducted): NA

Guest Details (Name, Designation, Organisation, Location):
Mr. Maddi Abhilash
Senior Software Developer
Anthology Inc., Bengaluru

Photographs of the Event

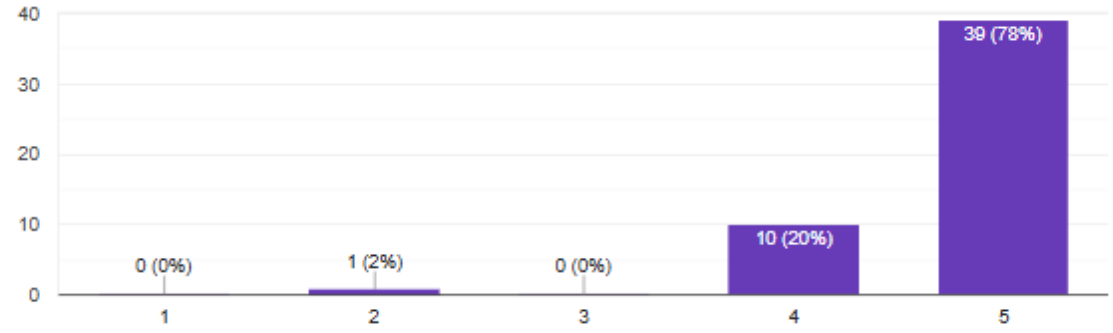
Poster

Feedback



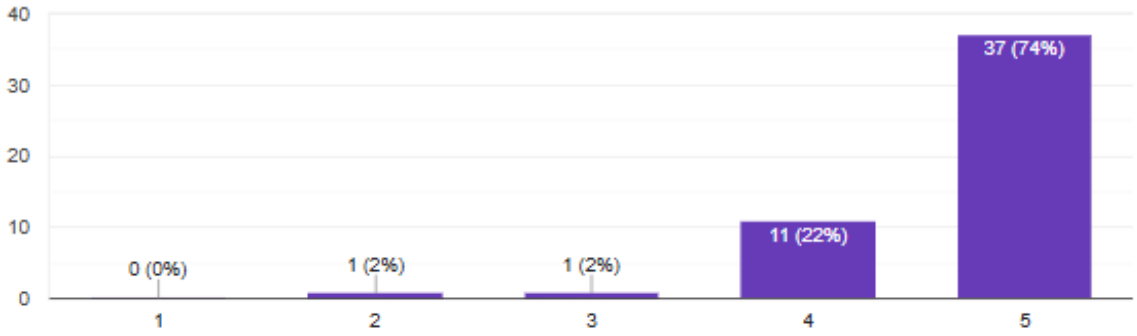
Clarity of the presentation.

50 responses



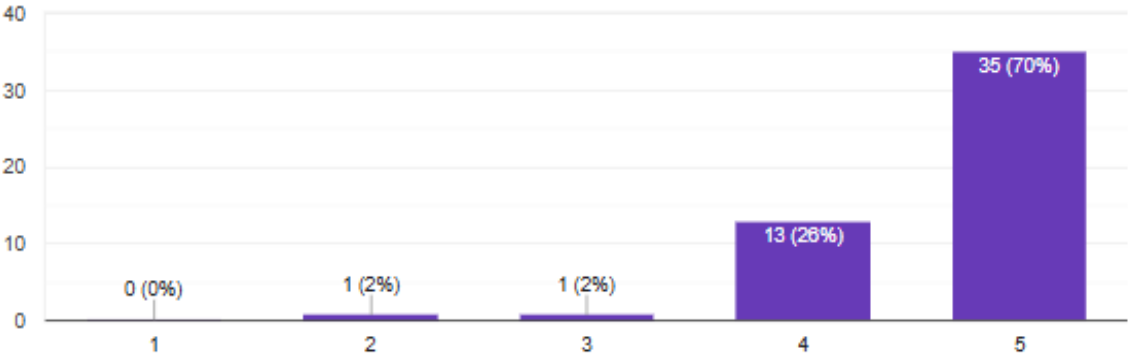
Effectiveness of the examples depicted during the session.

50 responses



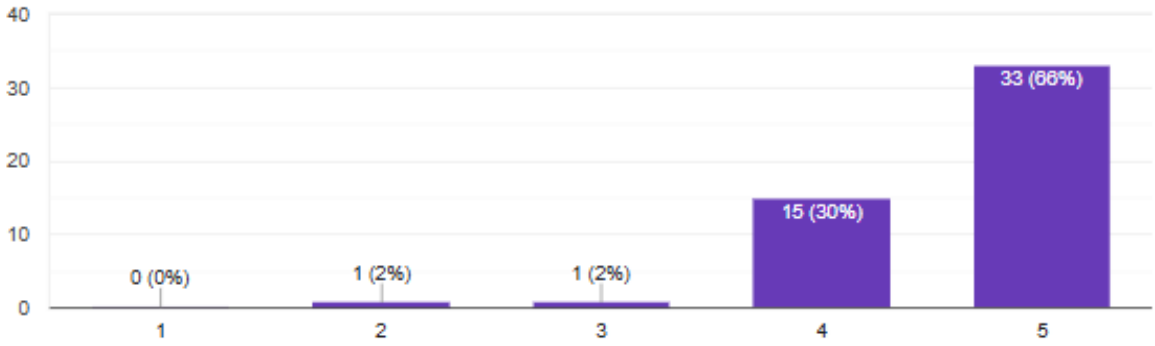
Achievement level in understanding the topics

50 responses



How relevant was the content of the session to your course or academic interests?

50 responses



Faculty Coordinator

Dr. Sukanya N S

HoD-MCA

Dr. ASHA V

Attendance

NEW HORIZON
COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade. Accredited by NBA

DEPARTMENT OF MCA

AY 2025-26

ATTENDANCE SHEET OF PARTICIPANTS

EXPERT TALK

Design and Development of Interactive Java Applications

RESOURCE PERSON: Mr. Maddi Abhilash
Senior Software Developer
Anthology Inc

DATE: 10-01-2026

TIME: 9:00 am to11:00 am

PARTICIPANTS: STUDENTS-SEM I

VENUE: B305

SERIAL NO	USN NO	NAME	SIGNATURES
01.	25MCA114-T	Rakshitha P.R	Rakshitha
02.	25MCA141-T	Pallavi. M	Pallavim
03.	25MCA075-T	Pallavi Singh	P i
04.	25MCA038-T	Purnanki Das	Das.
05.	25MCA050-T	Megha Mondal	MM
06.	25MCA015-T	Rathna Priya. A	Rathna.
07	25MCA152-T	Preethi. CR	Preethi
08	25MCA182-T	pallavi kumari	Pallavi.
09	25MCA082-T	Madana Gopal Leela Sai Sahitya	LSS.
10	25MCA157-T	Manaswini	Manaswini
11	25MCA169-T	Nagashree M	Nagashree

EXPERT TALK – Design and Development of Interactive Java Applications

DATED: 10.01.2026

SERIAL NO	USN NO	NAME	SIGNATURES
12	25MCA033-T	Lavya.D	
13	25MCA112-T	Rakshitha.C	
14	25MCA078-T	Nikitha.g.k	
15	25MCA062-T	Mohd Shuaib	Shuaib
16	25MCA166-T	PB Likith	
17	25MCA037-T	M THARUN RAJ	
18	25MCA063-T	Kunal Raj	
19	25MCA005-T	Mohit Ghumnani	
20	25MCA070-T	MOHD SAQHIB	
21	25MCA090-T	Ramesh Chithra	
22	25MCA116-T	Poornima.Naik	
23	25MCA100-T	Pavithra Sai Soma	
24	25MCA109-T	Niveditha.M.H.	
25	25MCA056-T	Prerana Majalikar	
26	25MCA101-T	Manasa.S	
27	25MCA149-T	Nithya.M	
28	25MCA181-T	Sahana.VD	
29	25MCA012-T	Rahul Raj.M	
30	25MCA036-T	Rahul.R	
31.	25MCA041-T	PAVAN KUMAR.S	
32.	25MCA007-T	RUPAM GIRI	
33	25MCA0654-T	OMKAR D POWAR	
34	25MCA175-T	Nayeem K.R	
35	25MCA095-T	Pavan Kumar.S.M	

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DATED: 10.01.2026

SERIAL NO	USN NO	NAME	SIGNATURES
36	25MCA017-T	Ompricakash	
37.	25MCA098-T	Prem	
38	25MCA139-T	Ravi kumar	
39	25MCA06T-T	milan. H	
40	25MCA125-T	Pratik. S. M	
41	25MCA006-T	P. K. Sankeerth	
42.	25MCA159-T	Mandara S.A	
43.	25MCA052-T	Manoj K Naik	
44	25MCA118-T	Praveen. R Ghatage	
45	25MCA173-T	S. krishna	
46	25MCA177-T	Nayal K.S	
47	25MCA154-T	MANOJ KUMAR H.M	
48	25MCA176-T	Pranith.m	
49	25MCA131-T	Prachath.R	
50	25MCA001-T	Rajan Poddar	
51	25MCA155-T	Mahesh	
52	25MCA129-T	Mohammed Suhaib	

10/1/26

EVENT COORDINATOR

HOD-MCA

Head of the Department
Department of Master of Computer Applications
NEW HORIZON COLLEGE OF ENGINEERING
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