



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

Report – Hands-on Workshop

Department of MCA

(8th December 2025)

Topic: Workshop on Supabase Essentials and The Path to Full Stack Engineering

Date: 8th December 2025

Timing: 12.00 PM to 2.00 PM .

Programme Co-ordinator:

Dr. N Mithili Devi,
Associate Professor,
Department of MCA.

Convenor: Dr. V. Asha,
Professor and Head
Department of MCA.

No. of participants: 31 (III MCA B)

Details of the Resource Persons:

Ms. Pallavi S
Full Stack Engineer
Maksasoft, Bangalore.

Profile of the Expert

Ms. Pallavi S is a Full Stack Engineer with hands-on experience in developing scalable web applications using React.js, Spring Boot, Supabase, and MySQL. She has worked on multiple real-time projects across companies such as Maksasoft, GreenNetspark, and Tripillar Solutions, contributing to both frontend and backend development. Her project portfolio includes e-learning systems, e-commerce applications, and CRM platforms, showcasing strong skills in modern full-stack technologies. She brings practical industry insights that help students understand real-world workflows and emerging development trends.

Poster



Workshop

Supabase Essentials - The Path to Full Stack Engineering

 08 December 2025

 12:00 PM - 02:00 PM

 MCA Lab 1

 3rd Semester Students



Ms. Pallavi S
Full Stack Engineer,
Maksasoft
Bengaluru

Coordinator
Dr. Mithili Devi
Associate Professor,
Department of MCA

Convenor
Dr. V Asha
Professor & HoD,
Department of MCA

Organised by
Department of Master of Computer Applications

Objective:

- To introduce participants to the fundamentals of Supabase and its role as an open-source alternative to Firebase for modern application development.
- To enable students to understand and work with key Supabase features such as authentication, database management, storage, and API integration.
- To provide hands-on experience in building and deploying full-stack applications using Supabase as the backend and modern frontend frameworks.
- To bridge the gap between academic learning, and industry practices by demonstrating real-world full-stack development workflows.
- To guide participants in understanding career pathways, required skill sets, and the practical relevance of full-stack engineering in today's industry.

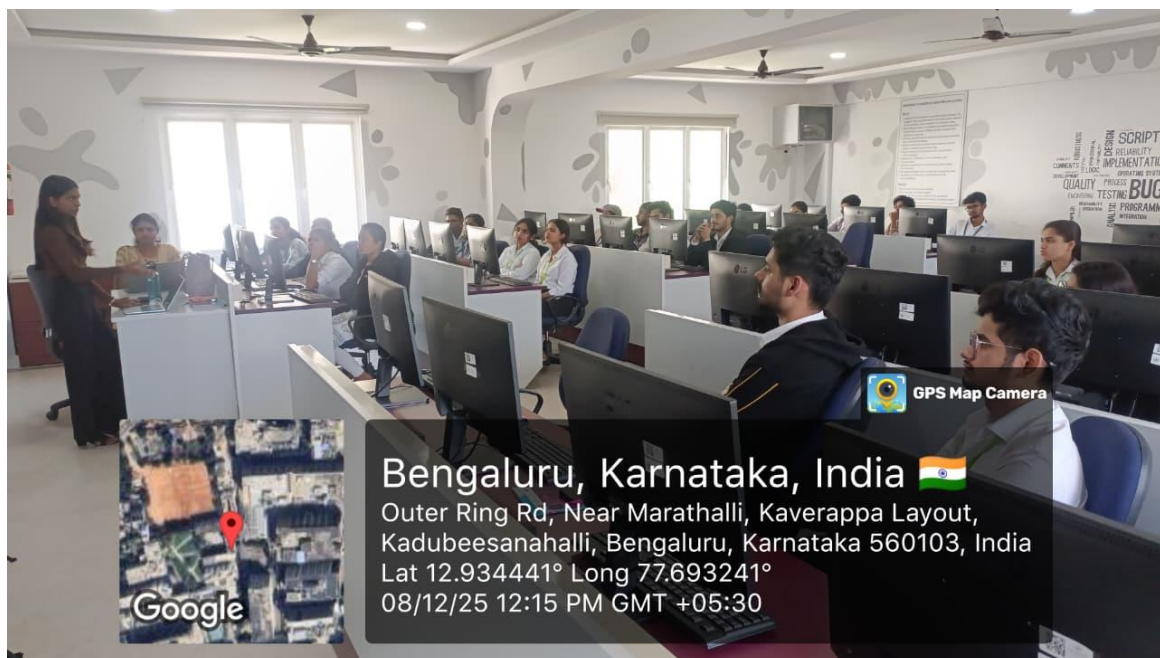
Content:

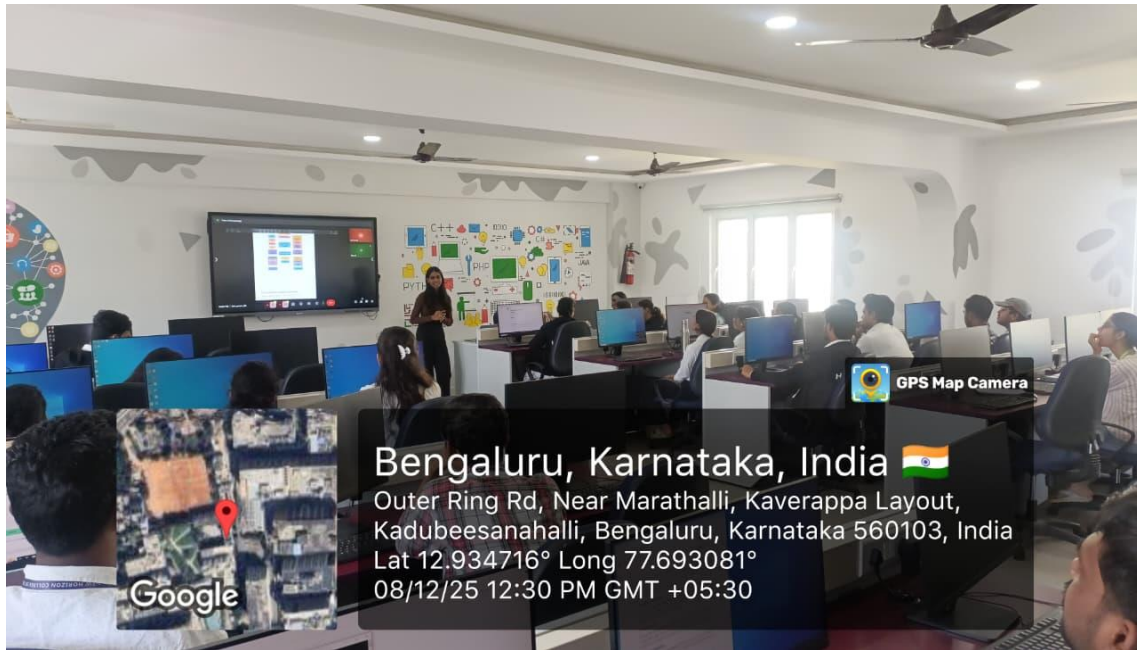
Introduction to Supabase and its Core Architecture, Setting Up Projects and Working with PostgreSQL Database, Authentication and User Management, API Generation and Realtime Data Handling, Storage Management and File Handling, Integrating Supabase with Frontend Frameworks, Building and Deploying a Full Stack Application, Understanding Full Stack Engineering Workflow and Best Practices.

Summary of Content

The workshop introduced students to the fundamentals of Supabase, covering core architecture, project setup, and PostgreSQL database operations. Key features such as authentication, API generation, real-time data handling, and storage management were demonstrated with hands-on examples. Participants also learned how to integrate Supabase with modern frontend frameworks and build a complete full-stack application. The session concluded with insights into industry workflows, best practices, and the essential skills required for full-stack engineering.

Snapshots from the Session





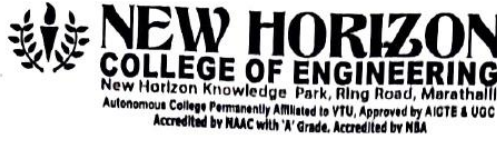
Outcome

At the end of the workshop, participants were able to understand the core features of Supabase, work with databases, authentication, APIs, and storage, and integrate these services with frontend applications. They gained hands-on experience in building a basic full-stack application and learned how modern development workflows operate in the industry. Students also developed confidence in using open-source backend tools and understood the skills required to progress on the path to full-stack engineering.

Attendance

List of MCA students attended:

DATED: 08-12-2025



Workshop on : Supabase Essentials & The Path to Full Stack Engineering
A.Y. 2025-26

RESOURCE PERSON: Mrs Pallavi S, Full Stack Engineer , Maksasoft, Bangalore.

VENUE: MCA Lab

DATE: 08-12-2025

TIME: 11:00 AM to 1:00 PM

FACULTY CO-ORDINATOR: Dr. N Mithili Devi

CONVENOR: Dr. V Asha

SERIAL NO	USN NO	NAME	SIGNATURES
01	INH24MC057	Keerthana G.R	
02	INH24MC069	Madhushree G.R	
03	INH24MC025	Meghana .R	Meghana .R
04	INH24MC164	Harshitha .K	
05	INH24MC074	Meenakshi J. H	
06	INH24MC090	Nishi .P	
07	INH24MC102	Breetham .KM	
08	INH24MC065	M. Prajwal.	
09	INH24MC071	Mahamed Sahid	
10	INH24MC070	Mahabul S K	
11	INH24MC064	M.N. Yashwanth .Kumar	
12	INH24MC059	KARISHMA SINGH	
13	INH24MC068	K. Madhu Kumar	
14	INH24MC082	Narendra Singh	

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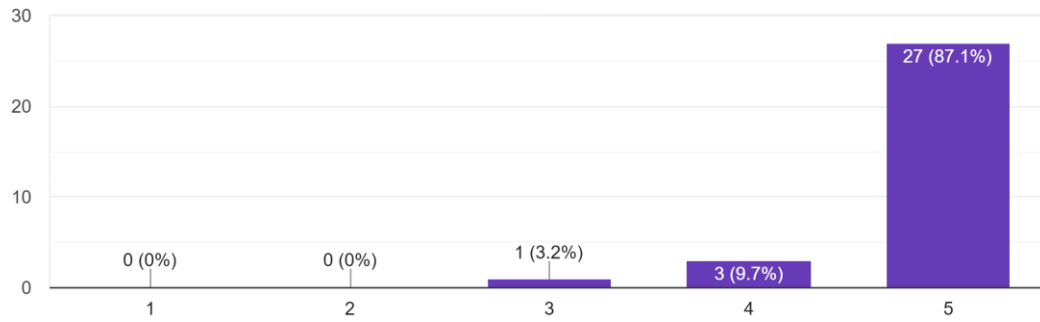
N. M. White Dr.

Head of the Department
Department of Master of Computer Applications
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Feedback

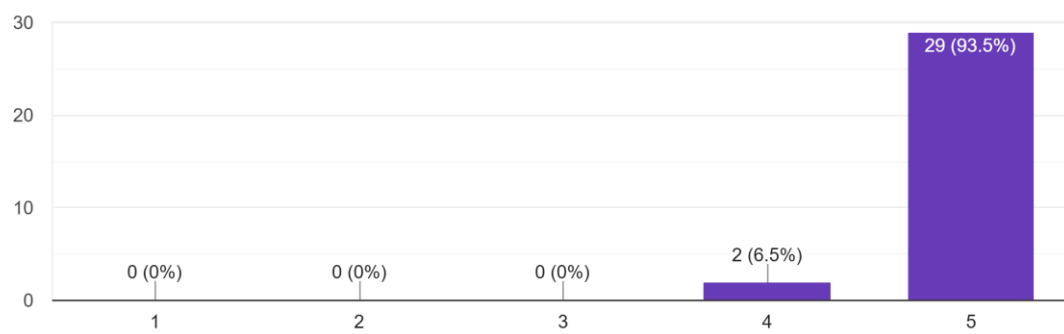
Quality of the training content

31 responses



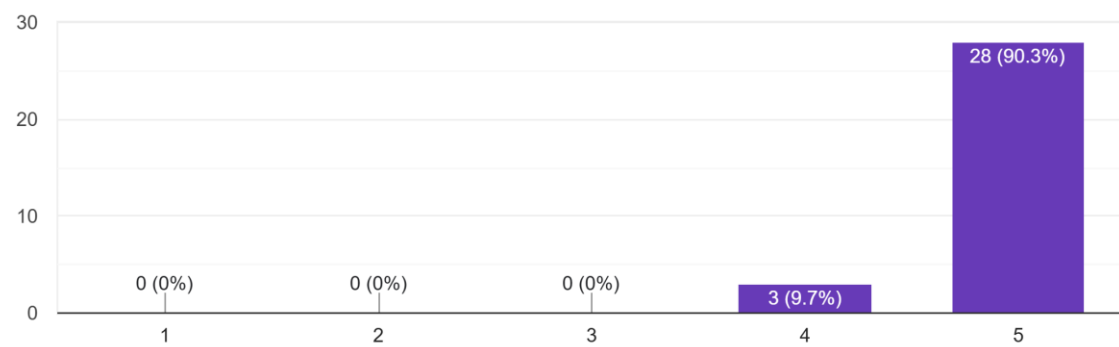
Clarity of the presentation.

31 responses



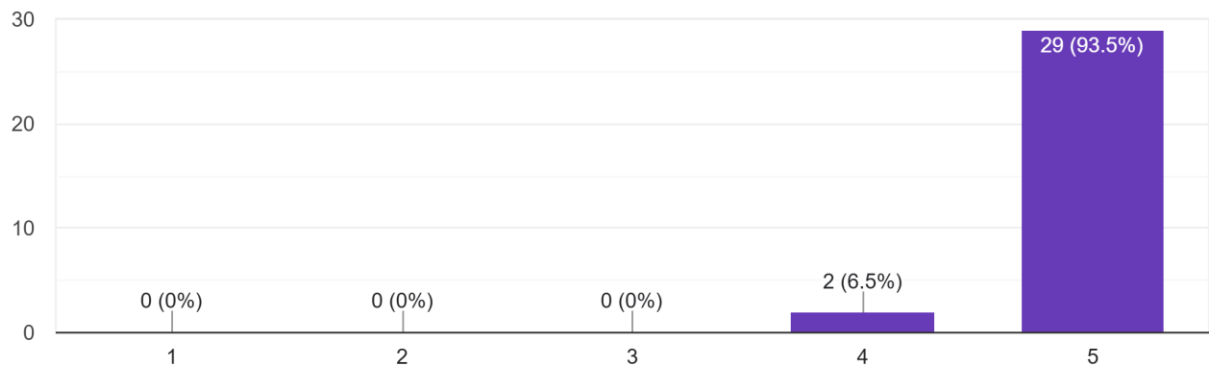
Effectiveness of the examples depicted during the session.

31 responses



Rate the relevance of the topic to future study and work.

31 responses



N. Mithili Devi

Co-ordinator

Dr. N Mithili Devi

Dr. V. Asha

HoD-MCA

Dr. V. Asha

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