



Bharati Vidyapeeth
(Deemed to be University), Pune (India)
Department Of Engineering And Technology
Sector-3, Belpada Kharghar
Navi Mumbai Campus



Report on (“Vertex Technical Workshop”)

Event Name: “Generative AI & RAG Hands on Workshop”

Guest speaker:- • Mr.Jigar Parekh (Enterprise AI Coach (TCS)

• Mr. Saurabh Jadhav(Engineer TCS)

January 24th, 2025

Time: 9:30 PM – 12:30 PM

Venue: Bharati Vidyapeeth (Deemed to be University), Department of Engineering & Technology, Navi Mumbai

Organized by: Vertex Group (Technical Committee).

Name of Faculty Coordinators:

- Dr. Gayatri Hegde
- Prof. Shweta Patil

On 24th January from 9:30 PM onwards, the Computer Science and Business Systems (CSBS) branch successfully organized a hands-on workshop on “Generative AI and Retrieval-Augmented Generation (RAG)”, followed by a Mini Hackathon. The event witnessed enthusiastic participation from students eager to gain practical exposure to emerging AI technologies, enhance their problem-solving abilities, and understand real-world applications of Generative AI in academics, research, and industry-driven projects.

Event Objectives

- To introduce students to the fundamentals and advancements in Generative Artificial Intelligence.
- To provide practical knowledge of Retrieval-Augmented Generation (RAG) and its real-world use cases.
- To enhance hands-on experience through interactive sessions and guided demonstrations.
- To encourage analytical thinking and innovation through a mini hackathon.
- To bridge the gap between theoretical concepts and practical AI applications.
- To motivate students to explore careers and research opportunities in AI, data science, and intelligent systems.

Event Highlights

- Expert-led hands-on sessions on Generative AI models and RAG frameworks.
- Live demonstrations showcasing the integration of AI models with external knowledge sources.
- Practical implementation of AI concepts through guided exercises.
- Mini Hackathon where students worked in teams to solve real-world problems using Generative AI.
- Interactive discussions and Q&A sessions to deepen conceptual understanding.
- Active participation from students across multiple departments.
- Support and guidance from faculty coordinators and volunteers ensuring smooth execution of the event.
- An engaging learning environment that promoted innovation, creativity, and collaboration.

Impact of the Event

- Improved understanding of Generative AI and RAG architectures among participants.
- Enhanced practical skills in building and deploying AI-driven solutions.
- Encouraged teamwork, innovation, and critical thinking through the hackathon format.
- Increased awareness of real-world applications of AI across industries.
- Inspired students to pursue advanced learning, projects, and careers in AI and related domains.
- Fostered a culture of innovation, ethical AI usage, and responsible technology development.
- Strengthened students' confidence in applying AI tools for academic and professional growth.

Event Poster & Certificate:

The poster features logos for NMAC, nif 59, Bharati Vidyapeeth (Deemed to be University), Department of Engineering & Technology, Sector - 3, Belpada, Kharghar, Navi Mumbai, VERTEX, and AWS. The main title is "GENERATIVE AI & RAG" with a subtitle "Hands-On Workshop". It introduces **JIGAR PAREKH**, Enterprise AI Coach, TCS, with 22+ years IT experience, GE, Morgan Stanley, NBFCs, Tata Motors Finance – ₹1000 Cr/month, and AI Hackathons & Mentorship. It also introduces **SAURABH JADHAV**, TCS Engineer, with BE Mechanical, In TCS since 3 years, and Key role in payment gateway integrations & digital collections using UPI & QR code. The event is on 24 JANUARY from 9:30 AM - 12:30 AM at CC LAB, Organized By CSBS Department. Faculty coordinators are Prof. Shweta Patil, Prof. Supriya Ajagekar, and Dr. Gayatri Hegde.

CERTIFICATE of Merit
THIS IS TO CERTIFY THAT
has been recognized as a Top Performing Team in the Generative AI & RAG Mini Project Challenge
Organized by CSBS Department
conducted at
Bharati Vidyapeeth (Deemed to be University), Department of Engineering & Technology, Kharghar
This certificate acknowledges the team's technical excellence and creative approach.
Date - 24 Jan 2026
PROF. SHWETA PATIL, FACULTY CO-ORDINATOR and DR. MOHAN AWASTHY, PRINCIPAL

CERTIFICATE of Excellence
THIS IS PROUDLY PRESENTED TO
for securing WINNER position in the Generative AI & RAG Mini Project Challenge
Organized by CSBS Department
conducted during the Generative AI Workshop at
Bharati Vidyapeeth (Deemed to be University), Department of Engineering & Technology, Kharghar
This achievement reflects the team's ability to build, think, and innovate with AI.
Date - 24 Jan 2026
PROF. SHWETA PATIL, FACULTY CO-ORDINATOR and DR. MOHAN AWASTHY, PRINCIPAL

