



BMS COLLEGE OF ENGINEERING, BENGALURU-560019

(Autonomous Institute under VTU, Belagavi)

Department of Artificial Intelligence and Data Science



CodeForge Hackathon Report

On April 4th, the VarAince Club—the official AI and Data Science club of the college—held a hackathon centered on the theme “AI for Productivity.” The event brought together students to investigate how artificial intelligence can be used to improve efficiency, simplify workflows, and support innovation in different fields. Designed to be welcoming for participants of all experience levels, the hackathon encouraged creative solutions to real-world productivity issues.

The day’s activities started at 9:00 AM with a participant briefing and idea generation. Teams of three began developing their projects, guided by mentors from the third and fourth years who offered advice and assistance, helping even those new to AI or coding to participate fully. After a lunch break at 1:00 PM, work continued until the final submission deadline at 4:30 PM, when teams submitted their presentations and uploaded code to a GitHub repository. A shortlisting round followed, and the event concluded with final team demonstrations from 5:00 to 7:00 PM. The hackathon was conducted with official permission from the college.

A total of 122 participants formed 37 teams, each consisting of three members. The event featured a prize pool of ₹15,000 to motivate and reward innovative solutions. The judging panel for the event included Prerit Chandra, CEO & Founder of Poorit Technologies, Sushant V. Pai, Chief AI Officer of Poorit Technologies, and Piyush Mohanty, Software Engineer and AI/ML Lead of Explicate Inc., who evaluated the projects based on creativity, technical proficiency, and real-world applicability.

Among the standout entries, the first-place team created “Dyslexia Math Aide,” an AI tool designed to help individuals with dyslexia solve mathematical problems. They secured a score of **659 out of 700**. The second-place project, “Smart Inventory Management,” used AI to make inventory tracking and management more effective and achieved a score of **657 out of 700**. Both projects demonstrated how AI can be applied to solve everyday challenges and make processes more efficient.



Winners

1st Place:

Project: Dyslexia Math Aide

Team Members: Pratyush Thakur, Aryan Raj, Harsh Kumar

2nd Place:

Project: Smart Inventory Management

Team Members: Rahul Hongekar, Bramha Bajannavar, Abhijna S

Overall, the “AI for Productivity” hackathon proved to be a successful event, highlighting how artificial intelligence can change the way tasks are approached in both personal and professional settings. By encouraging teamwork, mentorship, and inventive problem-solving, the VarAince Club gave participants valuable experience and showed the significant role AI can play in supporting progress across various industries. We hereby confirm that official authorization to organize and conduct this hackathon was obtained from the Principal, Vice Principal (Academic), Administration, Dean of Student Affairs, and the Head of the Department of Artificial Intelligence & Data Science (AI-DS). Furthermore, all requisite permission letters for the utilization of designated event venues, AI-DS Lab were duly secured, ensuring the event was held in strict accordance with institutional policies and regulations.

One participant shared, *“The hackathon was well-organized, and the mentorship really helped us as beginners with basic skills.”* Another participant with intermediate experience noted, *“I really enjoyed the hackathon—it struck a good balance between challenge and creativity, and the overall experience was refreshing.”*

