



GOPALAN
COLLEGE OF ENGINEERING
AND MANAGEMENT
Whitefield, Bengaluru



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



Institute Innovation Council 8.0 – GCEM

**Department of Computer Science and Engineering
&
Department of CSE (Artificial Intelligence and Machine Learning)**

Xactitude 24-Hour Hackathon HACKATHON REPORT

Kristu Jayanti University

Submitted by

Abhishek Mannatharaj (1GD23CS003)

MM Bharath (1GD23CS056)

Nithelan Jayakumar (1GD23CS070)

Abdul Shuaib (1GD23CS002)

Achievement: 1st Prize (Cash Award of ₹8,000)

1. Introduction

On 11th February 2026, our team participated in the Xactitude 24-hour Hackathon held at Kristu Jayanti University. This intensive competition challenged us to design, develop, and present a technical solution within a rigorous 24-hour timeframe. The event brought together student innovators to solve real-world problems through coding and teamwork.

2. Purpose of Achievement

Our primary goals for competing in this hackathon were:

- To apply our technical and coding skills to a high-pressure, real-world scenario.
- To foster teamwork and effective collaboration under strict deadlines.
- To showcase our innovation and problem-solving capabilities to industry experts and peers.
- To gain hands-on experience in rapid prototyping and software development.



GOPALAN
COLLEGE OF ENGINEERING
AND MANAGEMENT
Whitefield, Bengaluru



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



3. Event Experience

Technical Execution

To address these challenges, we developed an **AI-powered adaptive learning platform** that dynamically personalizes educational content based on user performance, behavior, and preferences.

4. Presentation and Judging

Following the development phase, we presented our project to a panel of judges. We focused on demonstrating:

- The uniqueness and scalability of our solution.
- The technical stack and implementation details.
- The potential impact of our project on the targeted problem statement.

5. Achievement

Out of the numerous teams participating, our team secured 1st Prize. In addition to the prestigious trophy, we were honored with a cash award of ₹8,000 for our innovation and execution.

6. Skills and Insights Gained

Through this experience, we were able to:

- **Enhance Technical Proficiency:** Deepened our understanding of full-stack development and rapid deployment.
- **Improve Team Collaboration:** Learned how to delegate tasks effectively and maintain morale during a 24-hour sprint.
- **Strengthen Resilience:** Successfully navigated technical bugs and fatigue to deliver a polished final product.
- **Gain Confidence:** Validated our skills by competing and succeeding at a university-level technical event.

7. Conclusion

Winning the 1st Prize at the Xactitude Hackathon was an incredibly rewarding experience that showcased our department's technical strength. We left the event motivated to pursue further innovations and continue representing our institution in future competitions. This success has inspired us to take on even more complex technical challenges in our professional journeys.



GOPALAN
COLLEGE OF ENGINEERING
AND MANAGEMENT
Whitefield, Bengaluru



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



8. Photos



Y. Swathi

Dr. Swathi Y
HOD-CSE

Manoj Challa

Dr. Manoj Challa
HOD-CSE (AIML)

Arun Vikas Singh

Dr. Arun Vikas Singh
PRINCIPAL