



**SRI DURGA MALLESWARA
SIDDHARTHA MAHILA KALASALA**

An Autonomous College in the Jurisdiction of Krishna University
A College with Potential for Excellence

Sponsors: SIDDHARTHA ACADEMY OF GENERAL AND TECHNICAL EDUCATION



Report on MongoDB Certification

Title: MongoDB Skill-a-thon

Date: 15-07-2026

Duration: 1 Month Program

Organizer: Department of Computer Science in association with ICT Academy

Second-Year Participants: 313

Final-Year Participants: 234

Introduction

The Department of Computer Science, in association with ICT Academy, successfully organized a MongoDB Certification – Skill-a-thon to enhance students' technical skills and industry readiness. The program focused on developing practical knowledge of MongoDB, database management, data handling, and modern database technologies. Second-year and final-year students from B.Sc. (Hons.) AI, B.Sc. (Hons.) Data Science, B.Sc. (Hons.) Computer Science & Cyber Security (CSCS), B.Sc. Computers, and BCA actively participated in the Skill-a-thon. The program provided students with an opportunity to strengthen their hands-on skills through structured learning and certification-oriented activities. It enhanced students' technical competency, encouraged continuous learning, and prepared them to meet the evolving requirements of the IT industry.

Objective of the Program

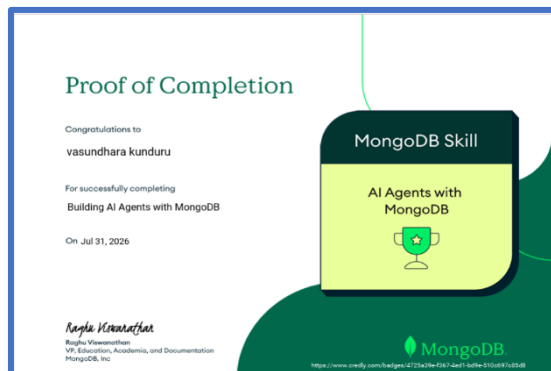
- To provide students with industry-relevant knowledge and practical skills in MongoDB and modern database technologies.
- To develop a strong foundation in database management and MongoDB fundamentals.
- To introduce students to emerging AI technologies such as RAG, vector search, and AI agents using MongoDB.
- To encourage students to pursue professional certifications and strengthen their technical portfolios.
- To enhance students' industry readiness, employability, and confidence in working with AI and database technologies.

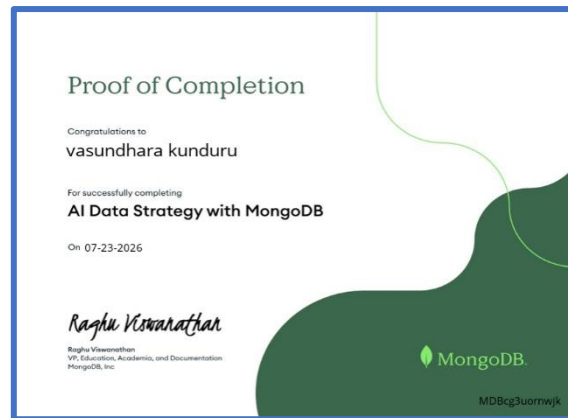
About The Program

The program aimed to enhance students' technical knowledge and practical skills in MongoDB, modern database technologies, and AI-driven applications. Organized by the Department of Computer Science in association with ICT Academy, the MongoDB Certification Skill-a-thon provided students with an opportunity to gain industry-relevant knowledge through structured certification courses. The program helped students develop a strong foundation in database technologies while gaining exposure to emerging areas such as Retrieval-Augmented Generation (RAG), vector search, and AI agents. The certification initiative strengthened students' technical competencies, encouraged continuous learning, and enhanced their industry readiness and career prospects in the rapidly evolving fields of databases and Artificial Intelligence.

As part of the program, each participant successfully earned five MongoDB certificates:

- MongoDB Basics for Students
- AI Data Strategy with MongoDB
- RAG With MongoDB
- Vector Search Fundamentals
- AI Agents With MongoDB.





Outcome of the Program

The program successfully enhanced students' technical knowledge and practical skills in MongoDB, database technologies, and AI-driven applications. Each participant earned five MongoDB certificates, namely MongoDB Basics for Students, AI Data Strategy with MongoDB, RAG With MongoDB, Vector Search Fundamentals, and AI Agents With MongoDB. The certification program provided students with exposure to emerging technologies and strengthened their understanding of modern data management and AI applications. It also improved their technical competency, professional confidence, and industry readiness, supporting their future academic and career opportunities in the fields of Artificial Intelligence and database technologies.

Conclusion

The MongoDB Certification Skill-a-thon, organized by the Department of Computer Science in association with ICT Academy, successfully enhanced the technical knowledge and practical skills of students across all Computer Science branches/groups. The completion of five industry-relevant MongoDB certifications provided students with valuable exposure to modern database technologies and emerging AI applications. The program strengthened their confidence, encouraged continuous learning, and improved their industry readiness for future academic and professional opportunities.

Feedback Summary

Students expressed positive feedback about the MongoDB Certification Skill-a-thon, appreciating the opportunity to gain industry-relevant knowledge and certifications in modern database and Artificial Intelligence technologies. They found the five certification courses highly informative and useful for developing practical skills in MongoDB, AI data strategy, RAG, vector search, and AI agents. The program helped students improve their technical confidence, strengthen their professional profiles, and gain better awareness of current industry requirements. Participants also expressed interest in attending more certification-oriented programs to enhance their skills and career readiness.