



RV Educational Institutions

RV Institute of Technology and Management®
Bangalore – 560076

Department of Computer Science and Engineering

Event Name	Technical Talk on Software Engineering and Project Management
Date	2 nd July 2024
Venue	UG Seminar Hall, 6th Floor, RVITM
Audience	6 th semester students
Resource person(s)	Prof. Rashmi R., Assistant Professor, Department of Information Science & Engineering, R.V. College of Engineering, Bangalore
Faculty Coordinator(s)	Prof. Prabhavathi K

Objective of the Program:

The technical talk titled "Navigating the Future: Emerging Trends in Software Engineering and Career Opportunities" aimed to provide insights into the latest trends in software engineering and project management. The session focused on emerging technologies and their impact on the future of software development and career prospects in the field.

Topics Covered:

The technical talk was delivered by Rashmi R., who provided an in-depth analysis of various aspects of software engineering and project management. Key highlights of the presentation include:

1. Emerging Trends in Software Engineering:

- Overview of the latest advancements and innovations in software engineering.
- Discussion on the future directions and potential developments in the field.

2. Career Opportunities:

- Exploration of career paths and opportunities in software engineering.
- Guidance on how to navigate and succeed in the evolving job market.

3. Software Development Life Cycle (SDLC):

- Detailed explanation of different stages of the SDLC.
- Best practices for managing software projects efficiently.

4. Green Engineering:

- Introduction to the principles of green engineering and sustainable software development.
- Strategies for reducing the environmental impact of software projects.

5. Platform Engineering:

- Insights into platform engineering and its role in modern software development.
- Case studies and examples of successful platform engineering implementations.

6. E-commerce and Software Engineering Intelligence:

- Analysis of how software engineering is transforming the e-commerce industry.
- Use of intelligent software systems to enhance e-commerce platforms.

7. Cloud Development Environment:

- Discussion on the benefits and challenges of cloud-based software development.
- Overview of popular cloud development tools and platforms.

Activities:

In addition to the technical talk, two interactive games were organized to engage the participants and reinforce team-building and problem-solving skills:

1. Storytelling Game:

- This activity required participants to collaboratively create a story based on a given situation. Each team member had to continue the story from where the previous person left off, simulating a real-world scenario where software developers must coordinate and build upon each other's work. This exercise highlighted the importance of teamwork, communication, and creativity in software development.

2. TARR Game:

- In this game, two teams of 10 students each were formed, and a leader was chosen for each team. The leader's role was to guide team members through a 4x7 grid by making the sound "tarr" whenever a wrong step was taken. The objective was to navigate through the grid successfully, with each team member continuing from the point where the previous one left off. This game emphasized leadership, guidance, and strategic thinking and all crucial skills in the field of software engineering

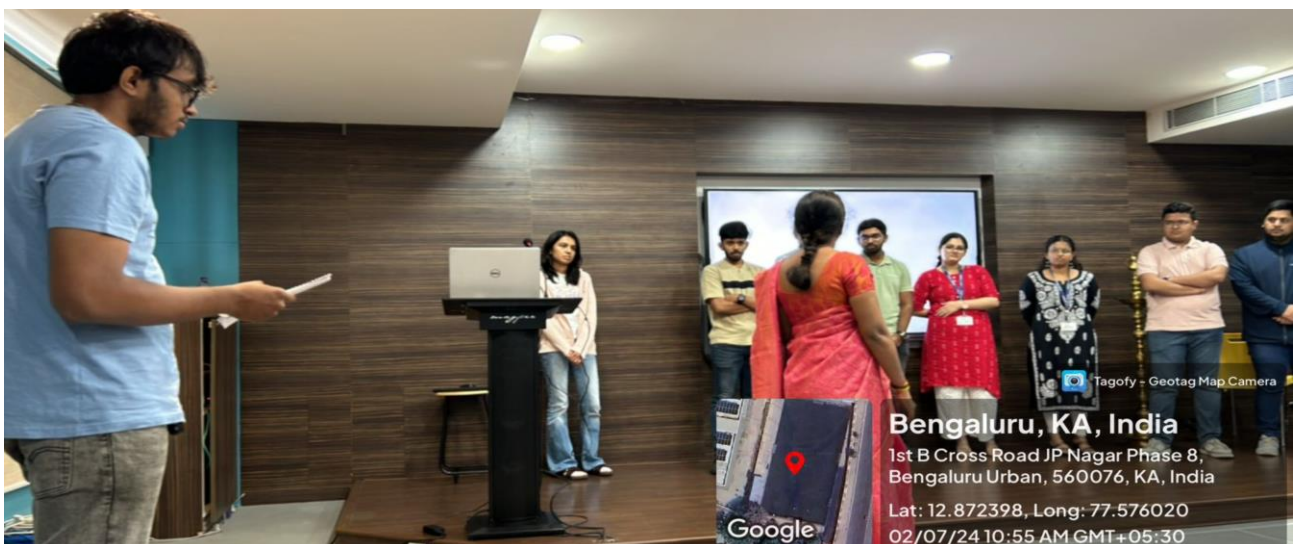
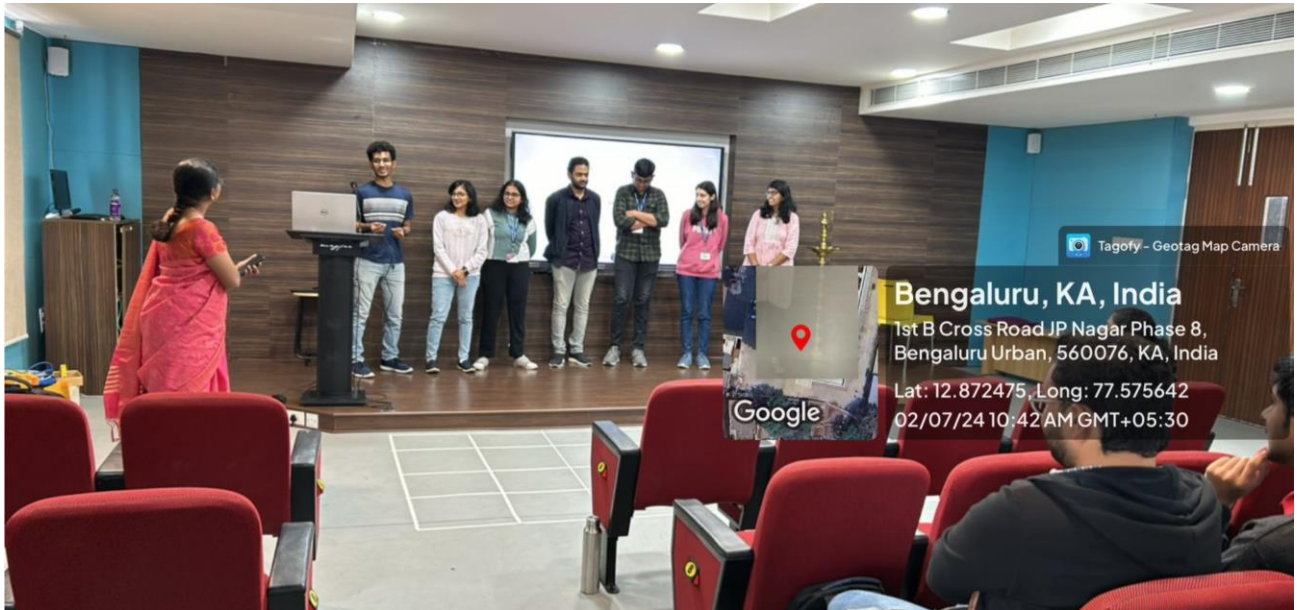
Brief Report:

The technical talk on "Navigating the Future: Emerging Trends in Software Engineering and Career Opportunities" provided valuable insights into the current and future landscape of software engineering. Rashmi R.'s presentation offered attendees a comprehensive understanding of emerging trends, career opportunities, and best practices in software engineering and project management. The session was interactive and well-received, with participants engaging in discussions and seeking advice on various topics.

The activities conducted during the event, including the storytelling and TARR games, further enhanced the participants' learning experience by promoting teamwork, communication, leadership, and strategic thinking. These exercises successfully reinforced the concepts discussed during the technical talk and provided a practical, engaging way to apply these principles.

The knowledge gained during this technical talk will empower students and faculty members to stay updated with the latest trends in software engineering, make informed career decisions, and implement best practices in their projects. The event successfully achieved its objective of enhancing the participants' understanding of the dynamic field of software engineering.







Coordinator Signature

HOD's Signature