



St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Expert Talk on Critical Thinking

Date: Wednesday, August 13, 2025

Time: 2:15 PM To 3:15 PM

Venue: B-101, Computer Science and Engineering (Data Science) Department

Expert: Mrs. Sanmati Vijay Dhanawade

Organized by the Department of Computer Science & Engineering (Data Science)

Academic Year 2025–2026

Audience: Second Year Students – CSE (Data Science)

Event Overview:

A special session on Critical Thinking was organized to promote logical reasoning, reflective analysis, and effective decision-making skills among participants. The session aimed to help attendees understand the importance of thinking clearly, carefully, and logically before making choices, and to equip them with practical strategies for applying these skills in real life.

Welcome Address:

The event commenced with a warm and engaging welcome speech by Bhavya, who created a positive and interactive atmosphere for the participants.



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Speaker Details:

Dr. Sanmati Vijay Dhanawade is a distinguished academic with a Ph.D. in English Literature and certifications in UGC-NET and SET. She also holds a B.Ed., showcasing her proficiency in pedagogy and educational methodology. With over seven years of diverse teaching experience in degree and diploma colleges, engineering institutions, MBA programs, and pharmacy colleges, she specializes in language, literature, communication, and soft skills. Known for her engaging and impactful sessions, Dr. Sanmati is dedicated to fostering holistic student development, critical thinking, and career readiness through interactive and practical learning approaches.

Main Discussion Points:

- **Understanding Critical Thinking**

Thinking clearly, carefully, and logically before making decisions.

Essential for enhancing communication, achieving career success, reducing mistakes, fostering intellectual growth, and improving decision-making skills.

- **Step-by-Step Process of Critical Thinking**

Identify and Define the Problem: Clearly articulate the issue and understand the concept thoroughly.

Gather Information: Research and collect data from credible sources, evaluate credibility, and consider potential biases.

Draw Conclusions: Consider potential consequences before deciding.

Reflect and Improve: Seek feedback, remain open to constructive criticism, and practice active listening

- **Techniques and Tools**

Mind Mapping & Spider Mapping: Organizing ideas visually to explore connections and solutions.

The Socratic Method: Asking questions like “What do you mean by that?” to clarify concepts and challenge assumptions.



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Audience Engagement:

Participants actively engaged in fun activities such as guessing a picture, counting squares in a grid, and problem-solving exercises. These activities demonstrated the practical use of observation, analytical thinking, and logical reasoning in everyday scenarios.

Feedback & Outcomes:

The session received positive feedback for its practical approach, interactive format, and relatable examples. Participants shared that they gained not only a deeper understanding of critical thinking but also specific tools and strategies they could apply immediately in academics, career, and personal decision-making.

Conclusion:

The session on Critical Thinking was insightful and engaging, equipping participants with practical skills to think logically, question assumptions, and make better decisions. It left attendees motivated to apply these learnings in daily life.

Prepared by
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