Session on
"Practical Implementation of Root Cause Analysis (RCA)"

Date: 26th Oct, 2024
Venue: J.C. Bose Seminar Hall, 2nd Floor, Sir. M.V. Block, CIT
Time: 02:00 PM to 04:00 PM

About CHOSS

Cambridge Institute of Technology has Initiated the Cambrian House of Student Startup (CHOSS) to support striving entrepreneurs Ideate, Develop, and Incubate profitable start-ups. Cambrian House Of Student Startup (CHOSS) is set up to promote innovation and entrepreneurship by converting and translating technology ideas and innovation in various disciplines of science and engineering into products, processes and services for commercial exploitation and the benefit of society. To accomplish its goal, CHOSS an entity of Cambrian Consultancy Centre and Industrial Research (CCCIR) runs and manages incubation and student startup process at Cambridge Institute of Technology (CIT), Bangalore to facilitate incubation of new enterpriseswith innovative technologies by admitting them in BI and providing them physical, technical, and networking supports and services.

CHOSS – VISION

To provide a platform for students to grow professionally and personally to meet societal needs, and cherish their entrepreneur dreams, through effective engagement, Industrial connect and practical exposure.

CHOSS – MISSION

1. To inspire and transform students into entrepreneurs through various skill development programs,Interdisciplinary connect and Industry collaboration.
2. To accelerate young minds and provide appropriate training and support from ideation to prototypedevelopment.
3. To enable knowledge exchange, bridge the gap between youngsters and International Industrial world,ease and stimulate research opportunities between countries.

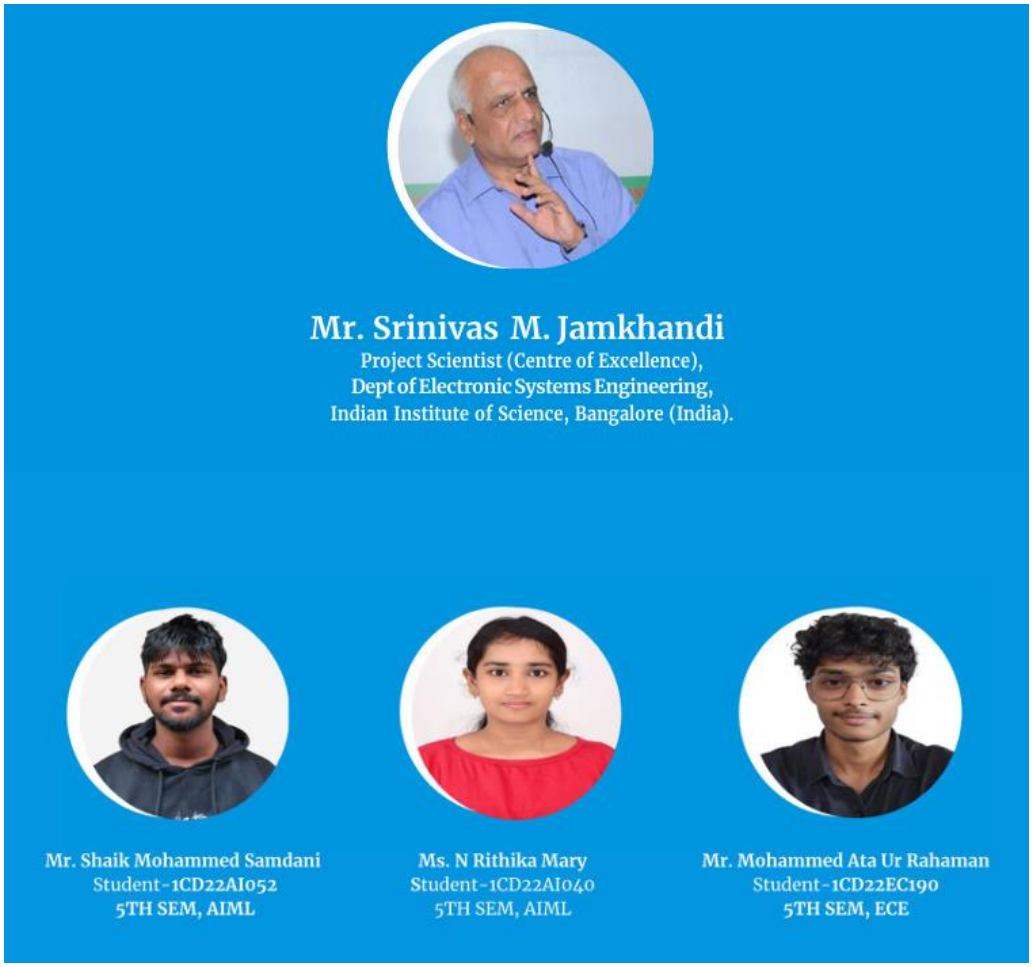
SESSION OBJECTIVES

- Teach students how to practically implement Root Cause Analysis (RCA).
- Equip students with tools to identify and address the underlying causes of problems.
- Enhance problem-solving skills to drive effective and innovative solutions.
- Apply RCA techniques to real-world scenarios.

SESSION OUTCOMES

- Students will be able to use RCA methodologies to analyses and resolve problems at their core.
- Gain hands-on experience with RCA tools like the "5 Whys" and Fishbone Diagram.
- Develop the ability to link RCA insights to innovative problem-solving.
- Improve decision-making by addressing root causes, not just symptoms.

SPEAKERS



SESSION REPORT

The session introduced RCA as a systematic approach to identifying and addressing the underlying causes of issues, rather than just managing symptoms. Beginning with an overview of RCA's importance, students were then introduced to key tools such as the "5 Whys" and Fishbone Diagram, which are instrumental in analysing problems at a foundational level.

A core part of the session involved a case study, allowing students to apply RCA techniques in a structured exercise. This hands-on activity provided valuable practical experience, deepening their understanding of RCA's real-world applications. The facilitator also led a discussion on how RCA methodologies are employed across various industries to foster innovative, strategic solutions.

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