

Hackathon Report

Students from our MCA Department at V.J.T.I college came out on top as the winners of the 'Hack-A-Loud' Hackathon, held on February 10th and 11th, 2024. The event was organized by GDSC RAIT & CISCO Community at D.Y. Patil's Ramrao Adik Institute of Technology, Navi Mumbai, where they witnessed a gathering of innovative minds from across various institutions. Over 35 teams showcased their talent with the aim of addressing societal issues through technology.

Winning Team: Byte Benders, with team members as Mrunalraj Redij(Team Lead), Vedant Patil, Akhilesh Nandanwar, and Damini Mahajan developed a website called 'Communi-Care: A community that cares' to tackle societal issues. The Hackathon was conducted in the duration of two days where on the first day i.e 10th February, teams were given time till 6 PM to come up with an idea and develop the solution. On the next day first round of elimination took place where GDSC members eliminated and short-listed top 10 teams. Then the top 10 teams were told to present their project in front of CISCO Community Panel , and after that the team 'Byte Benders' were declared as winners based on uniqueness of the idea and brilliant execution. GDSC RAIT members did a great job in hosting the event. One of our classmates named Aashay Thakur guided us with technicalities related to REACT technology.

The problem statement was: Addressing societal issues where transparency and collaboration remains a challenge. Lack of awareness, scattered information, and disjointed efforts hinder effective problem-solving within communities.

The Communi-Care Policing app is a web-based platform designed to empower individuals to report and address diverse societal issues collaboratively. It features geotagging, categorization, real-time updates, community engagement forums, and anonymous reporting.

Technology Stack: HTML, CSS, JavaScript, React (frontend), Firebase (backend)

APIs Used: Google Geolocation API, Google Reverse Geocoding API, Google Firebase API

Key Features: Issue Reporting, Community Collaboration, Real-Time Updates, Geotagging, Engagement with Authorities.