



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

Hackathon: Hack KRMU 3.0

Hack KRMU – The Ultimate Innovation Odyssey served as a premier hackathon platform fostering creativity, collaboration, and technological excellence among students under the mentorship of Dr. Shweta Bansal and Dr. Amar Saraswat.

Overview

Hack KRMU 3.0 was organized as an annual hackathon event with the aim of providing students a robust platform for showcasing their technical skills, creativity, and collaboration. The event was overseen by Dr. Shweta Bansal and Dr. Amar Saraswat.

Objectives

- To engage students in intensive problem-solving and coding exercises.
- To foster a spirit of innovation and creativity.
- To provide avenues for mentorship and peer learning.
- To simulate real-world challenges, encouraging teamwork and project management.

Event Structure

- Participation: Open to students from the School of Engineering and Applied Sciences, with multi-disciplinary teams formed to promote diversity of skills.
- Duration: Conducted over a full day in March 2024.
- Process: The hackathon commenced with a briefing session by faculty-in-charge, followed by continuous rounds of hands-on coding and solution-building. Mentorship sessions were available throughout the event, where participating faculty offered guidance.
- Project Themes: Problem statements ranged from social innovation, sustainability, smart campus apps, to AI-based solutions, challenging students to deliver functional prototypes.

Key Activities



K.R. MANGALAM UNIVERSITY

THE COMPLETE WORLD OF EDUCATION

- Mentorship: Faculty members conducted regular mentoring checkpoints, provided technical clarifications, and helped teams overcome roadblocks.
- Judging: Projects were evaluated on criteria such as innovation, technical complexity, societal impact, and presentation.
- Award Ceremony: Top-performing teams received certificates and recognition for exemplary solutions.

Outcomes and Impact

- Significant improvement in participants' problem-solving, coding, and teamwork abilities.
- Students developed practical, deployable solutions, some of which were considered for further incubation or university adoption.
- The hackathon instilled a culture of innovation and proactive learning among the student community.

Conclusion

Hack KRMU 3.0 was successful in its mission to unleash student creativity, provide a hands-on technical learning arena, and foster stronger faculty-student engagement in engineering problem-solving.



K.R. MANGALAM UNIVERSITY

THE COMPLETE WORLD OF EDUCATION



Hack KRMU

The Ultimate Innovation Odyssey!



Hack KRMU 2.0 (15th -17th February 2023)-176 Participants

Hack KRMU 3.0 (5th - 7th March 2024) – 600 Participants



Hack KRMU – The Ultimate Innovation Odyssey served as a premier hackathon platform fostering creativity, collaboration, and technological excellence among students under the mentorship of Dr. Shweta Bansal and Dr. Amar Saraswat.