



### 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



- 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**



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