Filament to Fantastic

Date: 02-02-2024- 04-02-2024

Venue : AICTE IDEA lab (Digital Manufacturing lab)

"Filament to Fantastic" is a three-day workshop, organized by the Digital Manufacturing lab under C-i²RE and kicked off with great enthusiasm on February 2nd. The event held in the advanced C-iRE DM Lab, aimed to provide a platform for students to explore and engage with the latest trends and innovations in the field of 3D printing technology.

The session unfolded under the guidance of Dr. Sameer Sir, the esteemed faculty in charge of the DM Lab. The theme of the session was centered around additive manufacturing, its advantages, an in-depth exploration of Fusion 360, a powerful design and manufacturing software. The first session was on Additive Manufacturing where they delved into the intricacies of additive manufacturing, shedding light on its principles, applications, and the transformative impact it has on various industries. Students were exposed to real-world examples, case studies, and success stories that showcased the potential of additive manufacturing. The next session highlighted the advantages of additive manufacturing, emphasizing its role in rapid prototyping, cost-effectiveness, and design flexibility. This workshop aimed to inspire students by showcasing how additive manufacturing is revolutionizing traditional manufacturing processes. Then a comprehensive overview of Fusion 360, a cutting-edge software for 3D modelling, was provided. The session included practical demonstrations and hands-on activities to familiarize students with the software's capabilities. Dr. Sameer elucidated the significance of Fusion 360 in contemporary design and manufacturing processes.

The session featured Rupesh, the president of SAIL and P. Abhinay, the student coordinator. They delved into the Snap Maker, and keychain design, and offered a hands-on experience. Students actively participated in creating keychain designs under the guidance of the coordinators. They discussed the Snap Maker, providing insights into its functionality and applications. The hands-on keychain design activity allowed students to apply their knowledge and create tangible products. Assisting the students in the hands-on session where Ghouse, Srinidhi, Vinitha, and Sravani played a crucial role in facilitating a smooth and enriching experience. The workshop concluded with various interactive and feedback-oriented activities. Participants had the opportunity to provide feedback on the sessions, enabling organizers to refine and improve future events. The constructive feedback was valuable for enhancing the overall learning experience. A dedicated question-and-answer session allowed participants to seek clarification on any lingering doubts and queries. The event concluded and showcased a seamless blend of informative sessions, hands-on experiences, and interactive activities.
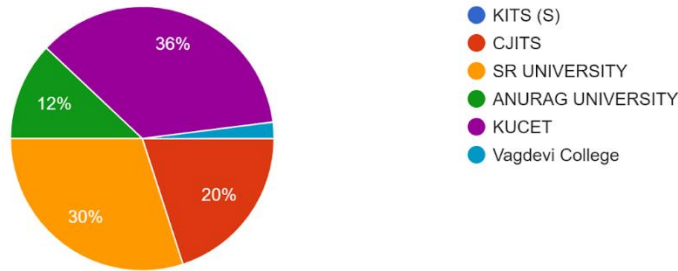
The engagement of students from various universities added a diverse and enriching dimension to the event.

List of participants :-

Number of partispants :- 49

Number of colleges interested : 6

College Name
50 responses

- KITS (S)
- CJITS
- SR UNIVERSITY
- ANURAG UNIVERSITY
- KUCET
- Vagdevi College

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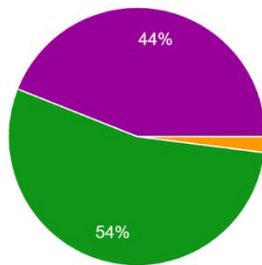|	G AND TECHNOLOGY				
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Event pictures:-

FEEDBACK:-

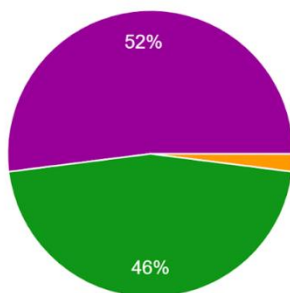### Content Relevance
50 responses

- 1 - Poor
- 2 - Below Average
- 3 - Average
- 4 - Good
- 5 - Excellent

44%

54%

Overall Program Satisfaction
50 responses

- 1 - Poor
- 2 - Below Average
- 3 - Average
- 4 - Good
- 5 - Excellent

52%

46%