



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' ♦ Approved by AICTE ♦ ISO 9001-2015 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

Phone No. 08645 - 350200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 - 3500122, 2577715, 2576129.

Department of Mechanical Engineering

Report on Composite Workshop Conducted by SAE Student Chapter

Event: Composite Workshop

Organized by: SAE Student Chapter, Department of Mechanical Engineering, KLEF

Date: 6th and 7th September 2023

Venue: Jasmine Hall, KLEF

Introduction: The SAE Student Chapter of the Department of Mechanical Engineering at K L Deemed to be University (KLEF) organized a comprehensive Composite Workshop that aimed to educate and provide hands-on experience to students in the field of composite materials. The workshop was conducted in Jasmine Hall, KLEF, and witnessed active participation from 101 students of the Mechanical Engineering department.

Event Highlights:

1. **Inauguration:** The workshop commenced with a ceremonial lamp lighting, where the esteemed delegates from DecaDrives, Mr. Vignesh and Mr. Yuvaraj, were joined by faculty members from the Mechanical Engineering department.





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- Interactive Session:** The workshop began with an engaging and interactive theoretical session, where the delegates explained the fundamentals of composites and their wide-ranging applications in modern engineering. This introduction set the stage for a deeper exploration of the topic.





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Guntur, AP, India
Tadepalle, Guntur, 522302, AP, India
Lat 16.440779, Long 80.622449
09/06/2023 10:16 AM GMT+05:30
Note : Captured by GPS Map Camera



Vaddeswaram, Andhra Pradesh, India
CJRF+932, K L UNIVERSITY, Vaddeswaram, Andhra Pradesh 522303,
India
Lat 16.44065°
Long 80.622565°
07/09/23 10:29 AM GMT +05:30

3. **Hands-On Practice:** Following the theory session, the participants had the unique opportunity to engage in hands-on practice. They learned the art of fabricating composites using the hand layup method, gaining practical insights into the composite



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manufacturing process.





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 **GPS Map Camera**

Vaddeswaram, Andhra Pradesh, India

CJRF+57C, K L UNIVERSITY, Vaddeswaram, Andhra Pradesh 522303,
India

Lat 16.440444°

Long 80.623184°

07/09/23 11:18 AM GMT +05:30



 **GPS Map Camera**

Vaddeswaram, Andhra Pradesh, India

CJRF+57C, K L UNIVERSITY, Vaddeswaram, Andhra Pradesh 522303,
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Lat 16.440422°

Long 80.623132°

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4. **Workshop Lunch:** A well-deserved lunch break provided an opportunity for participants to network, discuss their experiences, and recharge for the afternoon





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session.

- 5. Post-Lunch Session:** In the post-lunch session, attendees were treated to a video presentation showcasing different composite fabrication techniques and their real-world applications. This visual representation enriched their understanding of the subject matter.

Key Takeaways: The workshop left a lasting impact on the 108 participants, providing them with valuable knowledge and practical skills. They gained insights into different composite materials, learned fabrication techniques, and discovered the real-world applications of composites in various industries.

Felicitations: At the conclusion of the workshop, the guests from DecaDrives, Mr. Vignesh and Mr. Yuvaraj, were felicitated for their invaluable contribution. The ceremony was graced by the presence of Dr. T. Vijaya Kumar, Dr. K. V. D. Rajesh, Dr. S. N. Padhi, and Dr. S. S. Rao, who recognized the importance of the workshop in enhancing students' knowledge.





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Vote of Thanks: Dr. S. N. Padhi extended a warm vote of thanks to all participants, the organizing team, and the guests for making the workshop a resounding success.

Student Impressions: Several students had the opportunity to share their impressions of the workshop, highlighting the practical skills they gained and the inspiration they drew from the event.





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Feedback: Both the participants and the guests from DecaDrives provided valuable feedback, expressing their appreciation for the workshop's content and organization.



The Composite Workshop organized by the SAE Student Chapter at KLEF was a significant step towards empowering students with knowledge and hands-on experience in the field of composites. It provided a platform for learning, interaction, and inspiration, leaving a positive impact on all those who attended. Such initiatives are crucial in preparing the next generation of engineers for the challenges of modern engineering.

Dr. T, Vijaya Kumar- HOD ME Department