

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600 Web: kpriet.ac.in Social: kpriet.ac.in/social **ME017** 

NBA Accredited (CSE, ECE, EEE, MECH, CIVIL)

Application of Composite Materials in Automobile Engineering

Event No	ME017
Organizing Department	Mechanical Engineering
Date	28/02/2022
Event Type	Webinar
Event Level	Dept. Level
Venue	hhtps//meet.google.com/xqo-mwdx-pqq
Total Participants	101
Faculty - Internal	11
Students - Internal	90
Students - Internal	90

## Outcome

Students can able to know about composite materials, particularly bio composite.

## **Event Summary**

Department of Mechanical Engineering in association with Centre for Machining and Material Testing Laboratory organized a online webinar on " Application of Composite Materials in Automobile Engineering" on 28-02-2022. Dr.L.Prabhu, Assistant Professor (SI.G), welcomes the Gathering and Chief Guest for the function. Dr.S.Ramesh Babu, HoD, Mechanical Engineering welcomes the Chief Guest. Dr.S.Prabhakaran, Chief Guest, has delivered a wonderful lecture on "Application of Composite Materials in Automobile Engineering". In beginning of his speech, about challenging and important of Composite Materials. Natural fiber–reinforced composites (NFRCs) are presently the most promising material in sustainable development of products and also as a possible replacement for synthetic fiber-reinforced composites from glass and carbon. Natural fibers such as flax, hemp, kenaf, bamboo, and sisal have attracted the attention of automobile researchers in their applications of boot lining, door panels, C-pillar trim, rear storage shelf, B-pillar panel, and headliner panel. These core areas provide the necessary foundation for addressing the wide variety of applications in automobile and aircraft industry.





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