

DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2023-24 / ODD SEMESTER

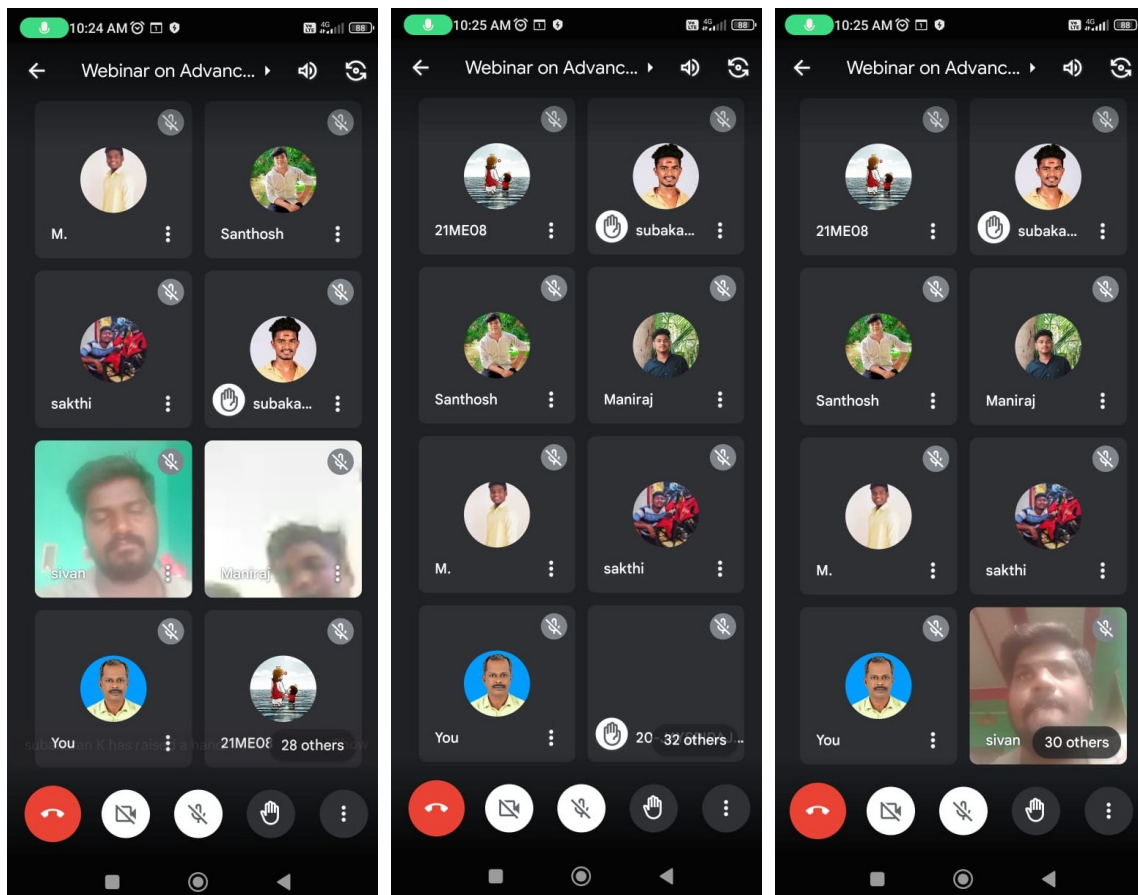
WEBINAR REPORT

Session Details:	
Title of the Session : Webinar on “ ADVANCED HEAT TREATMENT TECHNIQUES ”	
Date : 09.11.2023	Duration : 1 Hour (10.00 A.M to 11.00 A.M)
Activity Category : External	Nature of the Session : Online Mode
Facebook link for the event organized	Facebook/Kings College of Engineering
Speaker Details:	
Name: Mr. B. Sivaraman	Designation: Service Engineer, GKG group of business, Thanjavur - 613501
Programme Report:	
<ul style="list-style-type: none"> ➤ The Department of Mechanical Engineering had organized a National level webinar on “ADVANCED HEAT TREATMENT TECHNIQUES” through online mode on 09.11.2023 at 10.00 a.m. ➤ Welcome address was given by Dr.T.Pushparaj, Professor/Head of the Department, Department of Mechanical Engineering, Kings College of Engineering. ➤ Chief Guest introduction was given by Dr.R.Shankar, Assistant Professor, Department of Mechanical Engineering, Kings College of Engineering. ➤ The resource person Mr. B. Sivaraman, Service Engineer, GKG group of business, Thanjavur, had given the technical talk on “Advanced Heat Treatment Techniques”. In his lecture, he gave a detailed explanation about Heat treatment techniques include annealing, case hardening, precipitation strengthening, tempering, carburizing, normalizing and quenching. ➤ 62 participants registered and attended the webinar. ➤ Vote of thanks was given by Dr.M.Melwin Jagadeesh Sridhar , Assistant Professor, Department of Mechanical Engineering, Kings College of Engineering. ➤ At the end of the session, all attended participants gave their feedback and E-certificate has been sent to them through email. 	

Outcome of the activity:

- The introduction of advanced heat treatment techniques significantly improved the hardness, tensile strength, ductility, and fatigue resistance of the cast components, to new learning opportunities for them.

Photographs:



Dr. R. Shankar
13/11/23

Co-ordinators

Dr. R. Shankar, AP/MECH.

Dr.M.Melwin J Sridhar, AP/MECH.

T. P. Ramesh
13/11/23

HOD/Mech.

T. P. Ramesh
13/11/23

Principal