



SRI SAIRAM COLLEGE OF ENGINEERING

Accredited by NAAC, ISO 9001:2015 Certified Institution, Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi)
Anekal, Bengaluru - 562106, Karnataka



DEPARTMENT OF MECHANICAL ENGINEERING

Date: - 22.07.2024

A REPORT ON GUEST LECTURE ENTITLED "SONIC PROPERTIES & INTRODUCTION TO CFD"

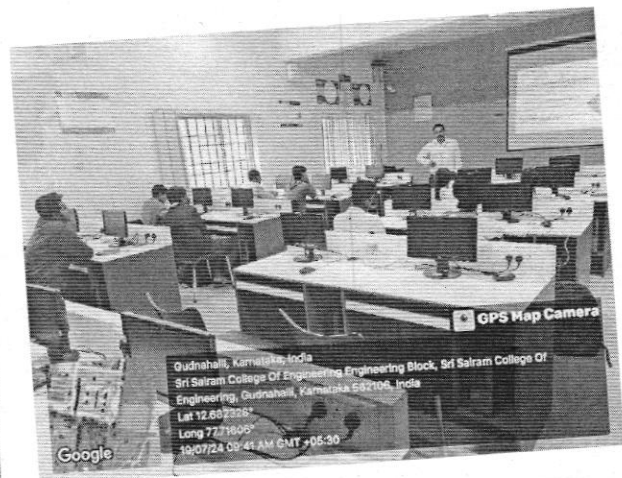
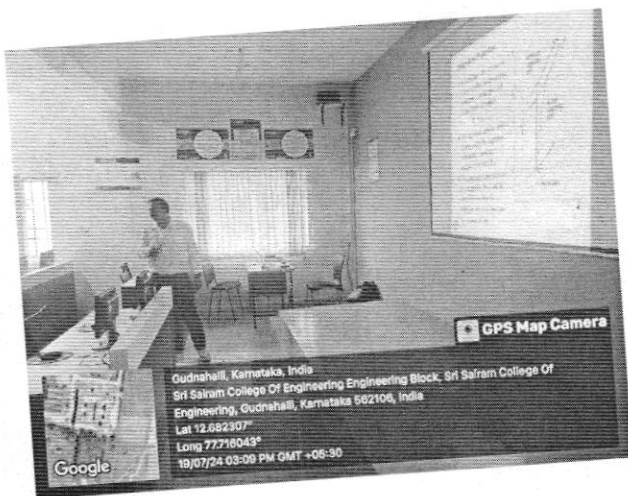
The Department of Mechanical Engineering has organised guest lecture for the subject **BME403-Fluid Mechanics** on the title "**Sonic Properties & Introduction to CFD**" for II Year / IV Semester students on **19.07.2024- Friday** from **09.00 am to 04.00 pm** in the Coding Lab

The department of Mechanical Engineering department invited the resource person **Prof. Madhu B.P.** Asst. Prof., School of Mechanical Engineering, REVA University

Prof. Yogananda B.S, welcomed the resource person & students for the wonderful session and gave introduction about resource person.

In this one day Guest lecture "**Sonic Properties & Introduction to CFD**", resource person gave presentation on the following topics to the student.

- Adiabatic and isentropic steady flow
- Sonic properties
- Normal and oblique shocks
- Philosophy behind CFD
- Applications of CFD





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The students clarified their doubts with the resource person after all the sessions completed and the students expressed their gratitude to resource person for give more knowledge on these topics. Prof. Yogananda B.S. & Prof. D. Satish thanked our principal **Dr.Shadaksharappa**, Management representative **Dr.R.Arunkumar**, & **Dr. V.Balaji**, Head of the Mechanical Engineering department for giving us permission to conduct this wonderful guest lecture for our students and also thanked resource person **Prof. Madhu B.P.** for spending his valuable time to deliver the guest lecture to our students


22/07
EVENT COORDINATOR


22/7/24.
HOD / Mech. Engg.


23/07/2024