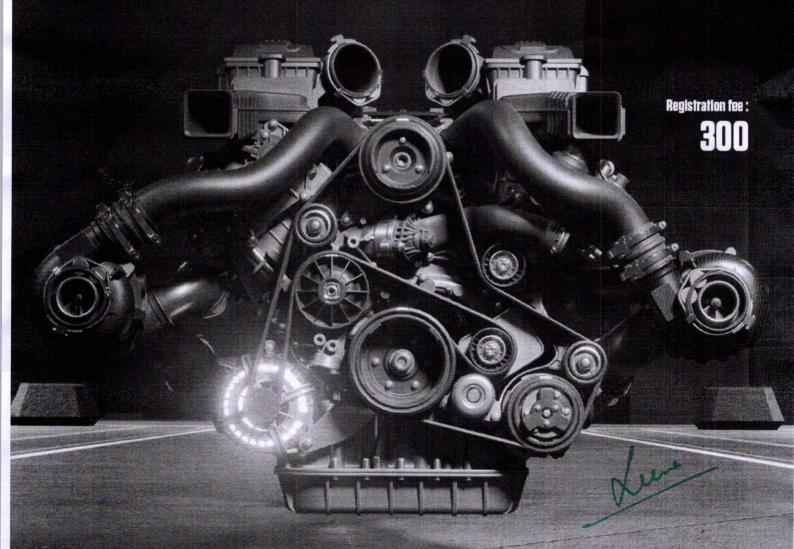


SREE NARAYANA GURU COLLEGE OF ENGINEERING

Department of Mechanical Engineering

## CARROLL OVERHAULING WORKSHOP



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29/04/2023



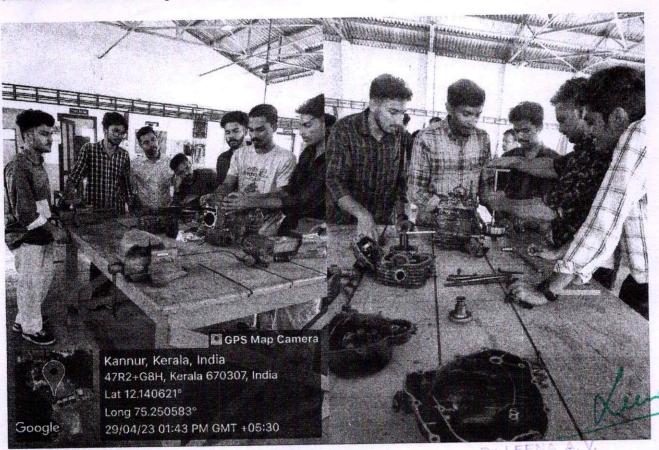
## IC ENGINE SURGERY- ENGINE OVERHAULING WORKSHOP

One of the most interesting workshops was IC Engine Surgery – Engine overhauling workshop headed by Team Tech Sun Pvt. Ltd. 40 students registered and participated in a full day hands on training workshop held on 29<sup>th</sup> April 2023.

In the "IC engine surgery workshop", students get first-hand experience by dis-mantling and assembling a real 4 stroke IC Engine. The hands-on training will make the students explore the knowledge about the design, components, and materials inside the IC engine.

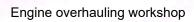
It's a one full day session consists of expert theory class on automobile parts and engine working cycle by Mr. Sharath from Tech sun. Theory Session consists of Principle of IC engine, Basic Components of Engine, Basic Nomenclature, Classification of Engines Operation inside the engine, Basics of Power transmission Spark Plug and fuel injector, Introduction to Alternative fuels, History of automobile, engines, classification. Working cycle, strokes (2 stroke and 4 stroke), Engine Classification - fuel, stroke, CC, arrangement of pistons etc., Components of IC engine, functions, materials, Diesel engines v/s petrol engines, Real time working - animations.

It is followed by hands own session on 4 stroke Bajaj pulsar DTSI engine dismantling and assembling as a team of maximum 8 members. Each participant involved in hands on session with so much interest and enthusiasm. The workshop concluded at 4.30 PM



Engine overhauling workshop





Dr. LEEN A. V.
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