

SRI RAAJA RAAJAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE & Affiliated to Anna University)

AMARAVATHIPUDUR, KARAİKUDI – 630 301.

MECHANICAL ENGINEERING DEPARTMENT

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ENGINEERING PRACTICE LABORATORY



Carpentry Work



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ENGINEERING PRACTICE LABORATORY



Sheet Metal Work



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ENGINEERING PRACTICE LABORATORY



Lathe Work



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ENGINEERING PRACTICE LABORATORY



Welding Work



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THERMAL ENGINEERING LABORATORY

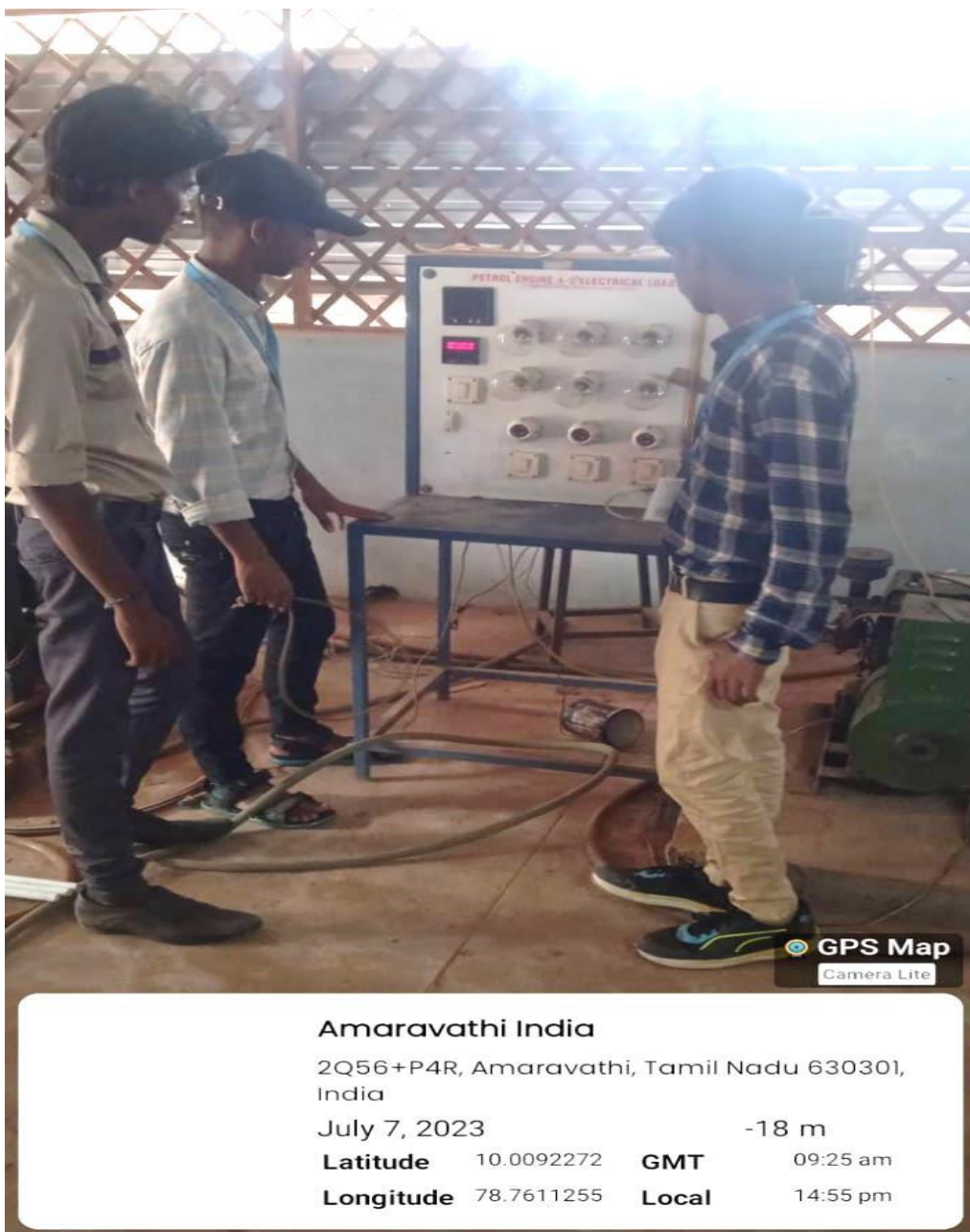


Four stroke diesel engine Performance testing with Mechanical Loading



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Four stroke diesel engine Performance testing with Electrical Loading



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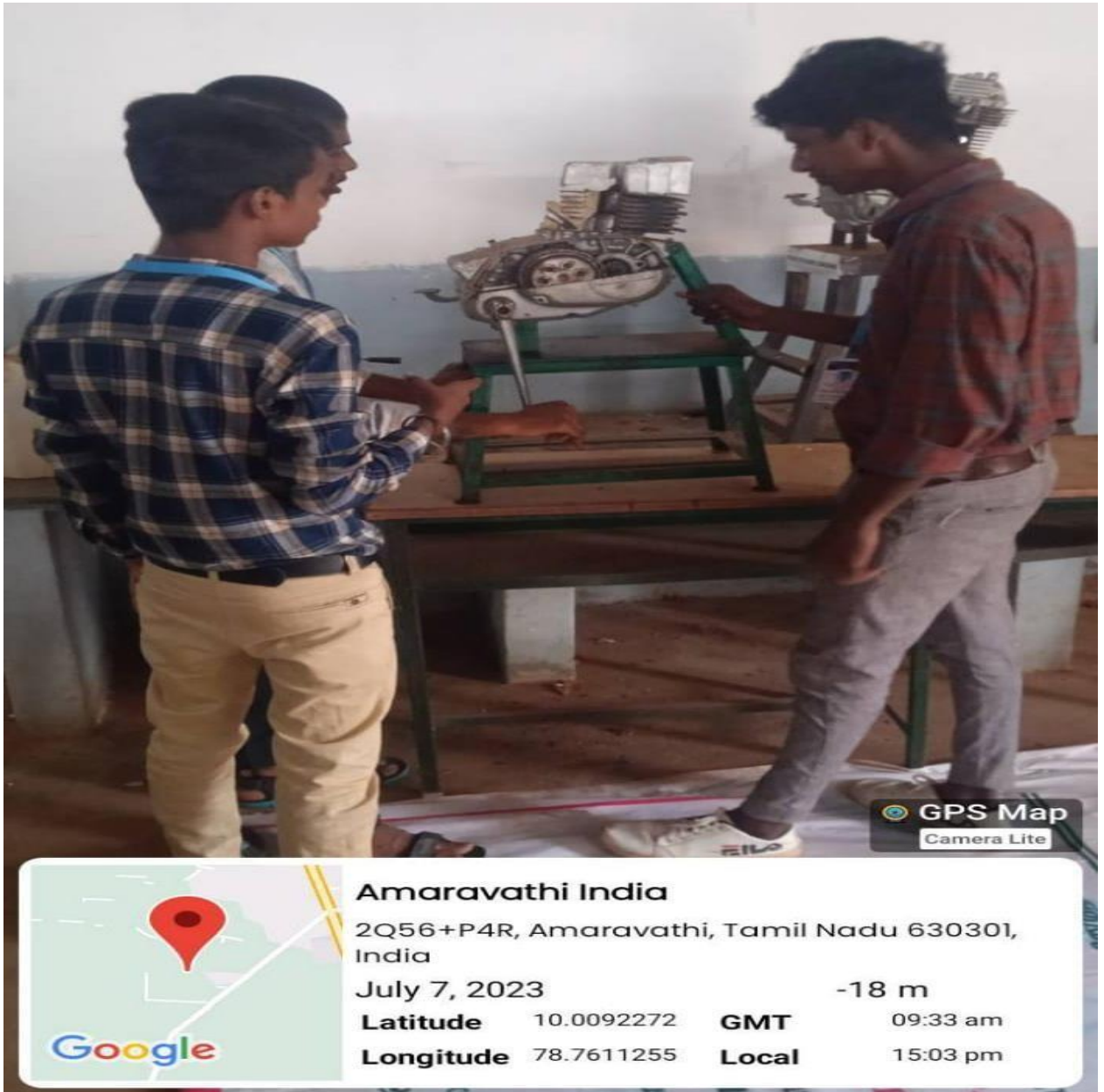


Closed Cup Apparatus



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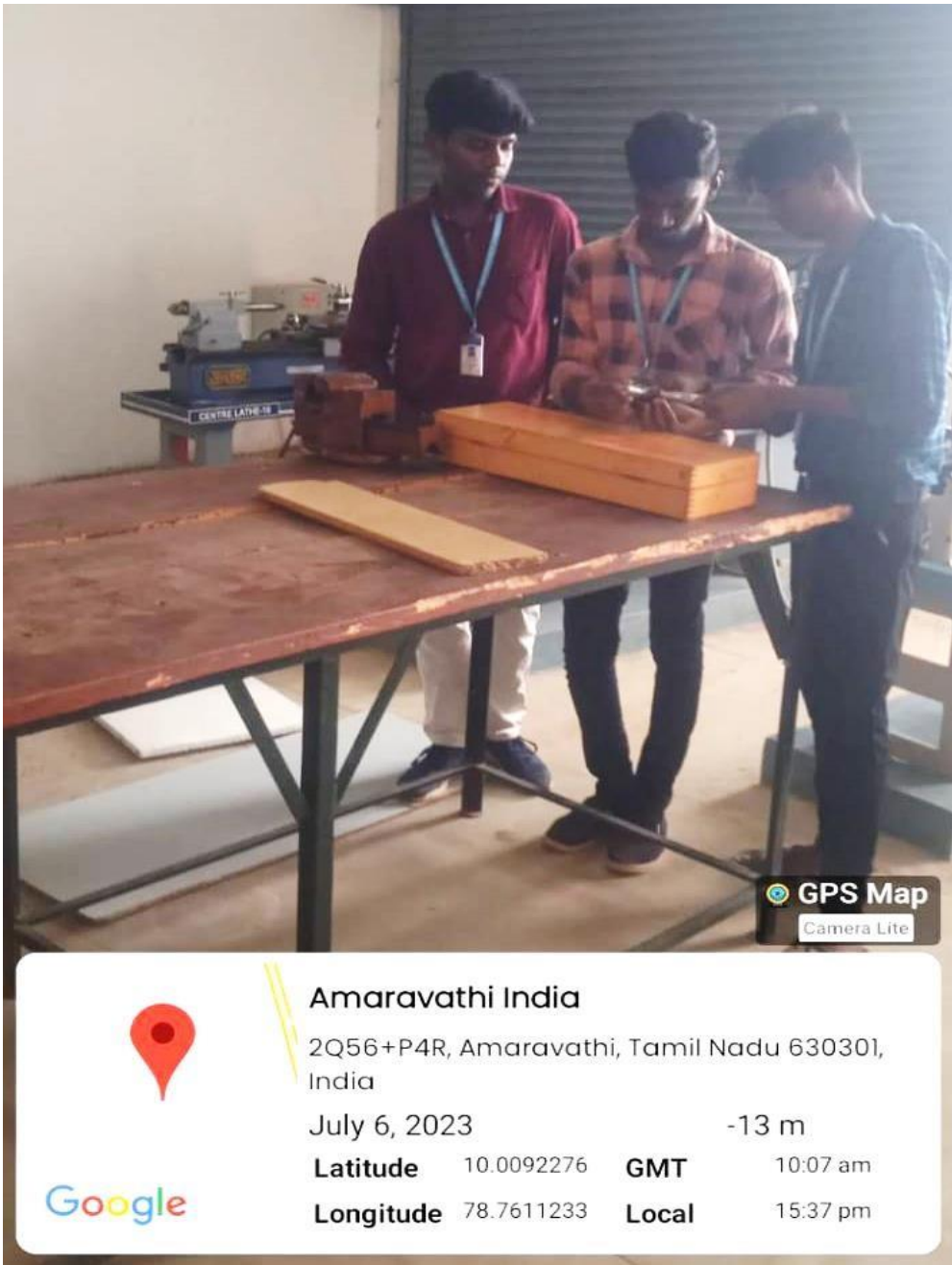


Two stroke petrol engine Valve Timing Test



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METROLOGY LABORATORY

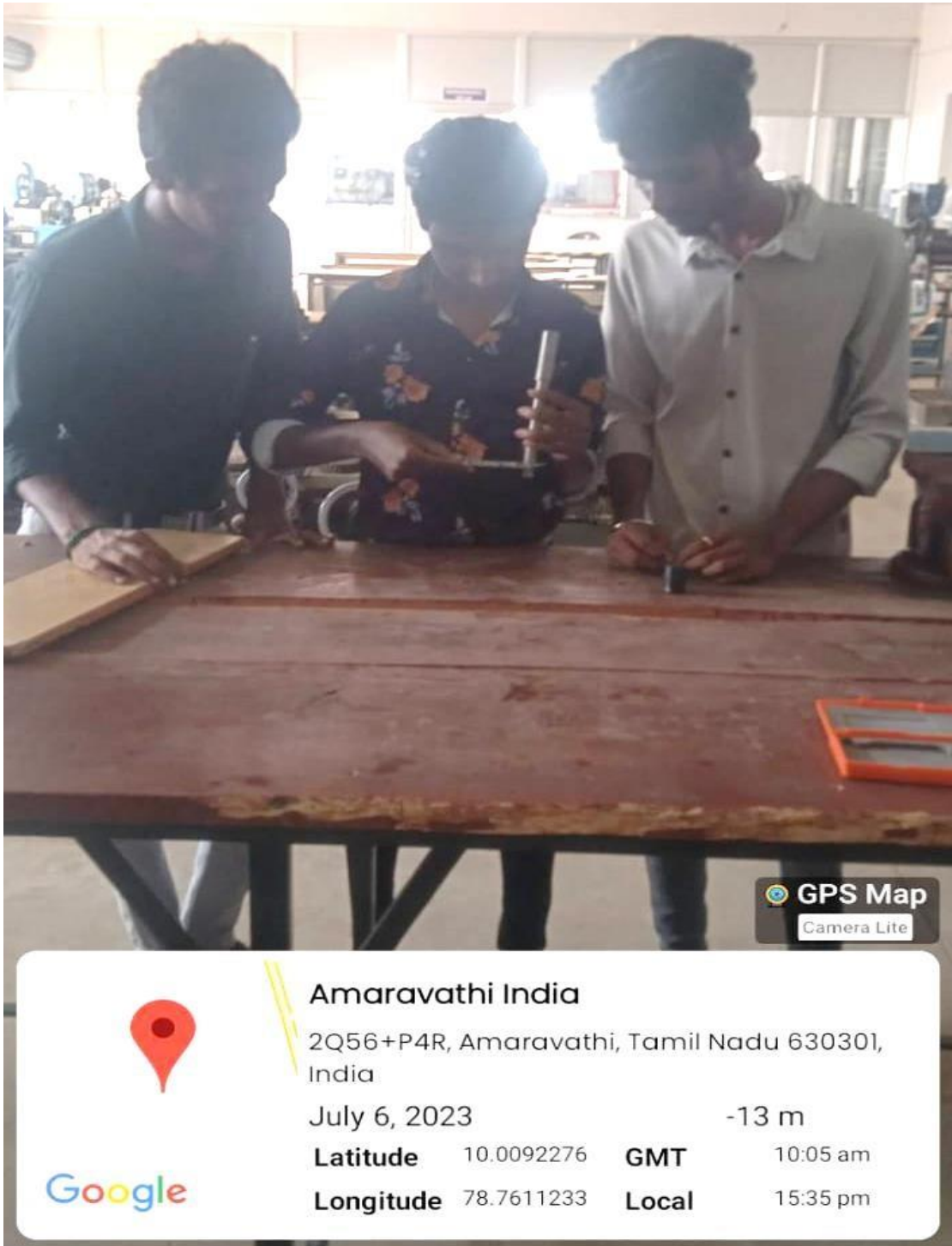


Measurement using Micrometer



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Measurement using Vernier Caliper



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METROLOGY LABORATORY



Amaravathi India

2Q56+P4R, Amaravathi, Tamil Nadu 630301,
India

July 6, 2023

-13 m

Latitude 10.0092276 **GMT** 10:10 am

Longitude 78.7611233 **Local** 15:40 pm

Measurement using Slip Gauge



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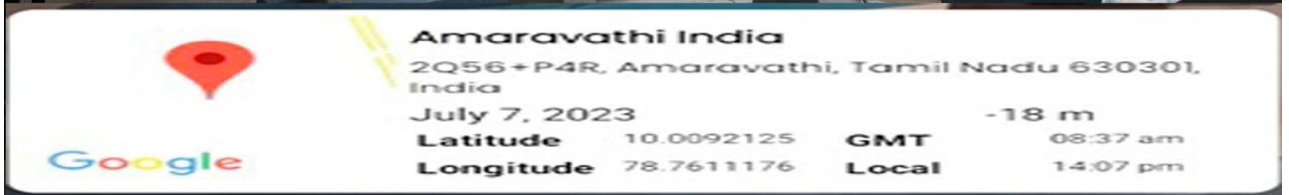


Measurement using Height Gauge



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MANUFACTURING PROCESS LABORATORY



Lathe Machines



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MANUFACTURING PROCESS LABORATORY



Lathe Work



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MANUFACTURING PROCESS LABORATORY



Radial Drilling Machine



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MANUFACTURING PROCESS LABORATORY



GPS Map
Camera Lite



Amaravathi India

2Q56+P4R, Amaravathi, Tamil Nadu 630301, India

July 7, 2023

-18 m

Latitude 10.0092125

GMT

08:46 am

Longitude 78.7611176

Local

14:16 pm

Surface Grinder




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MANUFACTURING PROCESS LABORATORY



Shaping Machine




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HEAT AND MASS TRANSFER LABORATORY



Composite wall Apparatus




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HEAT AND MASS TRANSFER LABORATORY



Guarded Plate Apparatus



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HEAT AND MASS TRANSFER LABORATORY



Insulating Powder Apparatus



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HEAT AND MASS TRANSFER LABORATORY



Air Conditioner Test Rig



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MECHATRONICS & IOT LABORATORY



CNC LATHE & CNC MILLING MACHINE



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MECHATRONICS & IOT LABORATORY





Amaravathi India
2Q56+P4R, Amaravathi, Tamil Nadu 630301, India
July 7, 2023
Latitude 10.0092125 **GMT** 08:55 am
Longitude 78.7611176 **Local** 14:25 pm



Hydraulic Trainer Kit



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MECHATRONICS & IOT LABORATORY

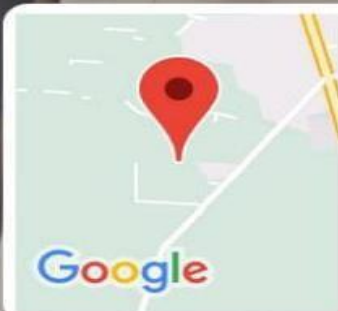


Pneumatic Trainer Kit



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MECHATRONICS & IOT LABORATORY



Amaravathi India

2Q56+P4R, Amaravathi, Tamil Nadu 630301, India

July 7, 2023

-18 m

Latitude 10.0092125

GMT 08:59 am

Longitude 78.7611176

Local 14:29 pm

CNC Lathe



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DYNAMICS LABORATORY



Whirling of Shaft



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DYNAMICS LABORATORY

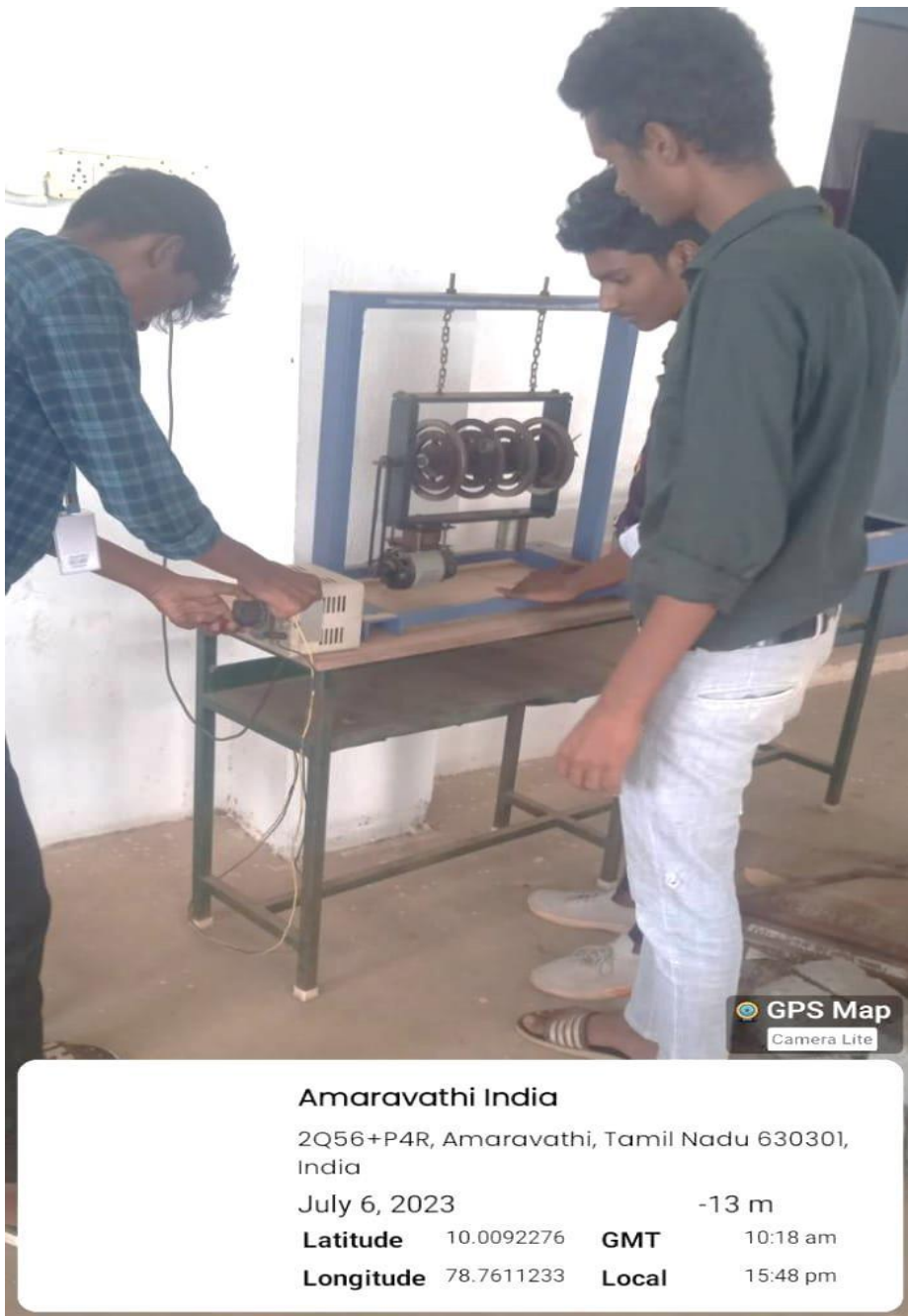


Porter Governor



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DYNAMICS LABORATORY



Dynamic Balancing Rotating Machine




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DYNAMICS LABORATORY



Cam and Follower




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CAD and ANSYS LABORATORY



Computer Aided Machine Drawing



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CAD and ANSYS LABORATORY

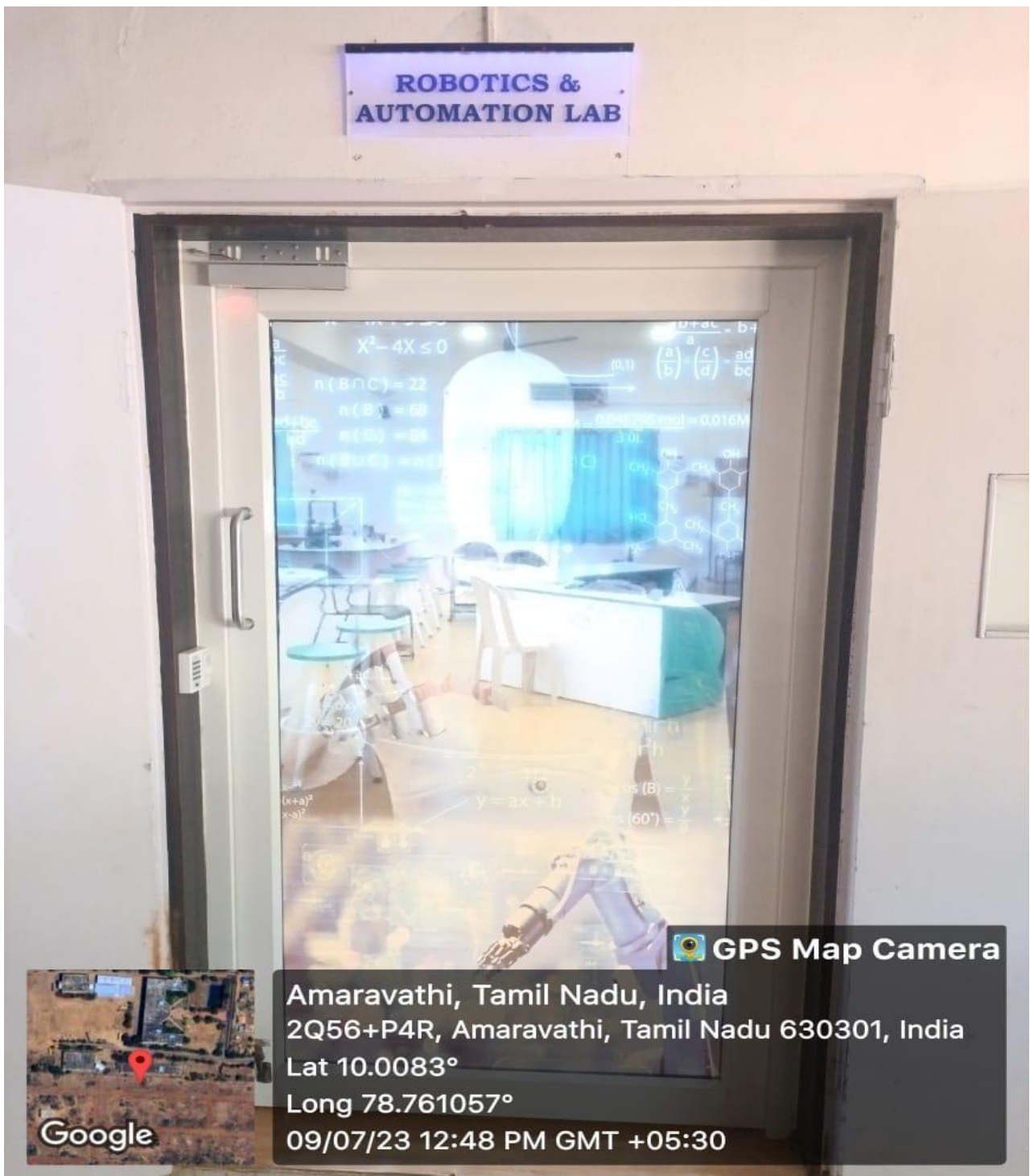


Analysis software using ANSYS



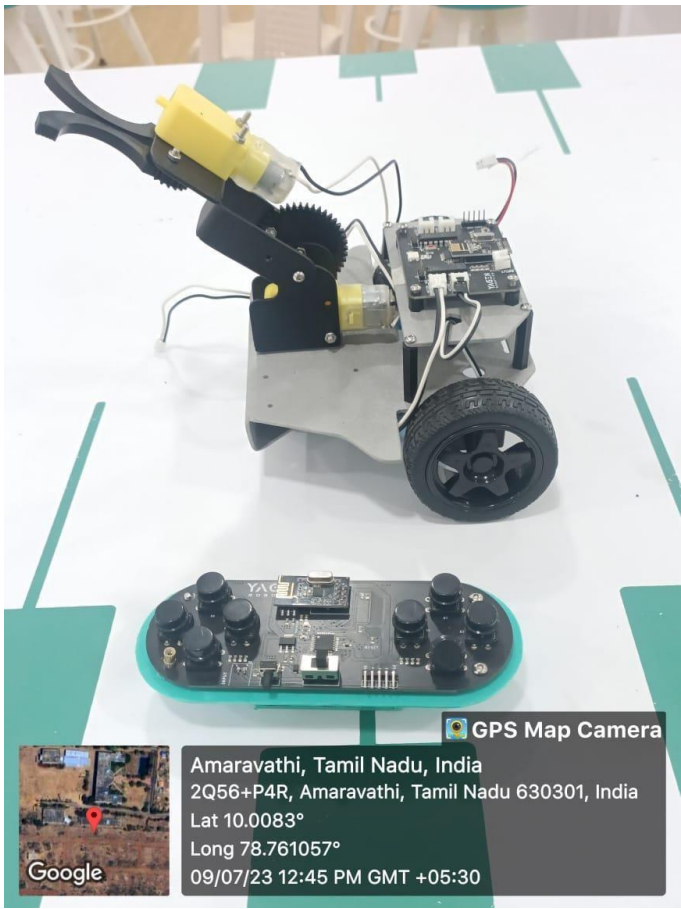
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ROBOTICS & AUTOMATION LABORATORY

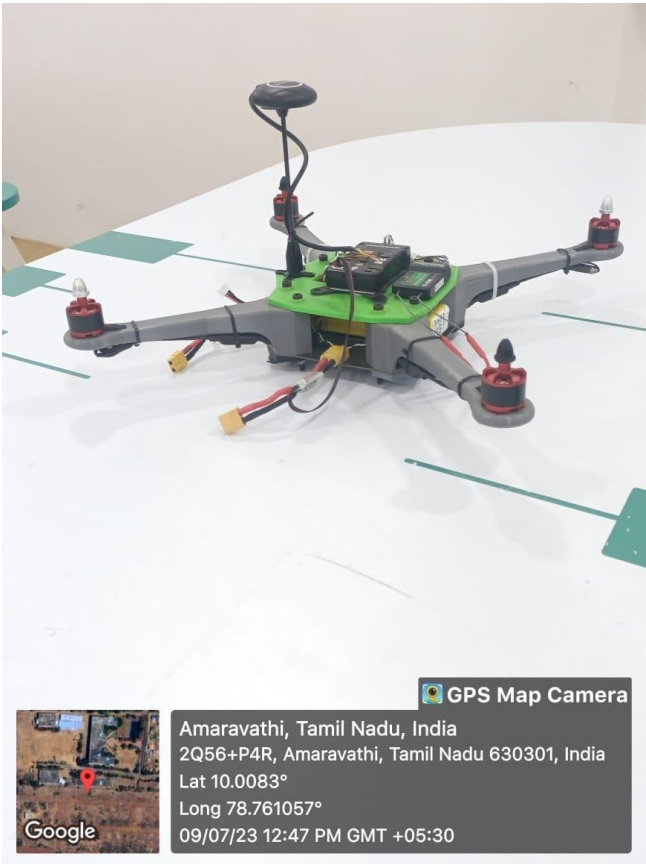


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ROBOTICS & AUTOMATION LABORATORY




Pick & Place Robot



Drone Model




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ROBOTICS & AUTOMATION LABORATORY



Computer Controlled 3-D Printing Machine



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Automated Guided Vehicle (AGV)



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