



# SRI RAAJA RAAJAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE & Affiliated to Anna University)

AMARAVATHIPUDUR, KARAİKUDI – 630 301.

## CIVIL DEPARTMENT

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# SURVEYING LABORATORY

## *Total Station*



## *Chain survey*



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# Compass Surveying



GPS Map Camera  
Amaravathi, Tamil Nadu, India  
2Q56+P4R, Amaravathi, Tamil Nadu 630301, India  
Lat 10.009235°  
Long 78.760435°  
16/06/23 02:08 PM GMT +05:30

# Dummy Level



GPS Map Camera  
Amaravathi, Tamil Nadu, India  
2Q56+P4R, Amaravathi, Tamil Nadu 630301, India  
Lat 10.008291°  
Long 78.761042°  
16/06/23 02:49 PM GMT +05:30



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# STRENGTH OF MATERIALS LABORATORY

## UTM - Compression



## UTM - Tension




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# Torsion Test



# Brinell Hardness Test



  
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# SOIL MECHANICS

## *Sand Replacement Test*



## *Sieve Analysis Test*



  
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# Core Cutter Test



# Direct Shear Test



*[Signature]*  
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# ENVIRONMENTAL ENGINEERING LABORATORY

## *Electrical Conductivity Test*



## *Dissolved Oxygen Demand*



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# Jar Appartus Test



# pH Meter



*[Signature]*  
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# HIGHWAY ENGINEERING LABORATORY

## *Penetrometer Test*



## *Ring & Ball Apparatus (Softening Point Test)*

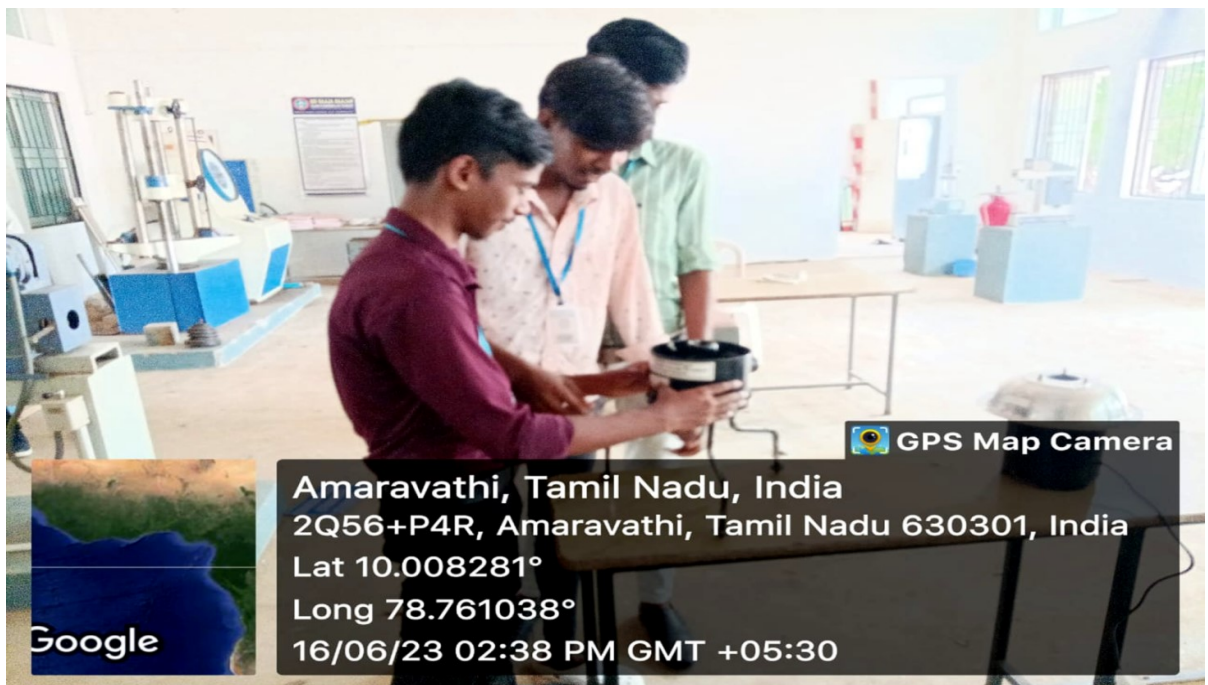


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## Weighing Machine 1kg



## Viscometer (Viscosity Test)



*[Signature]*  
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# HYDRAULIC ENGINEERING LABORATORY

## Orifice Meter

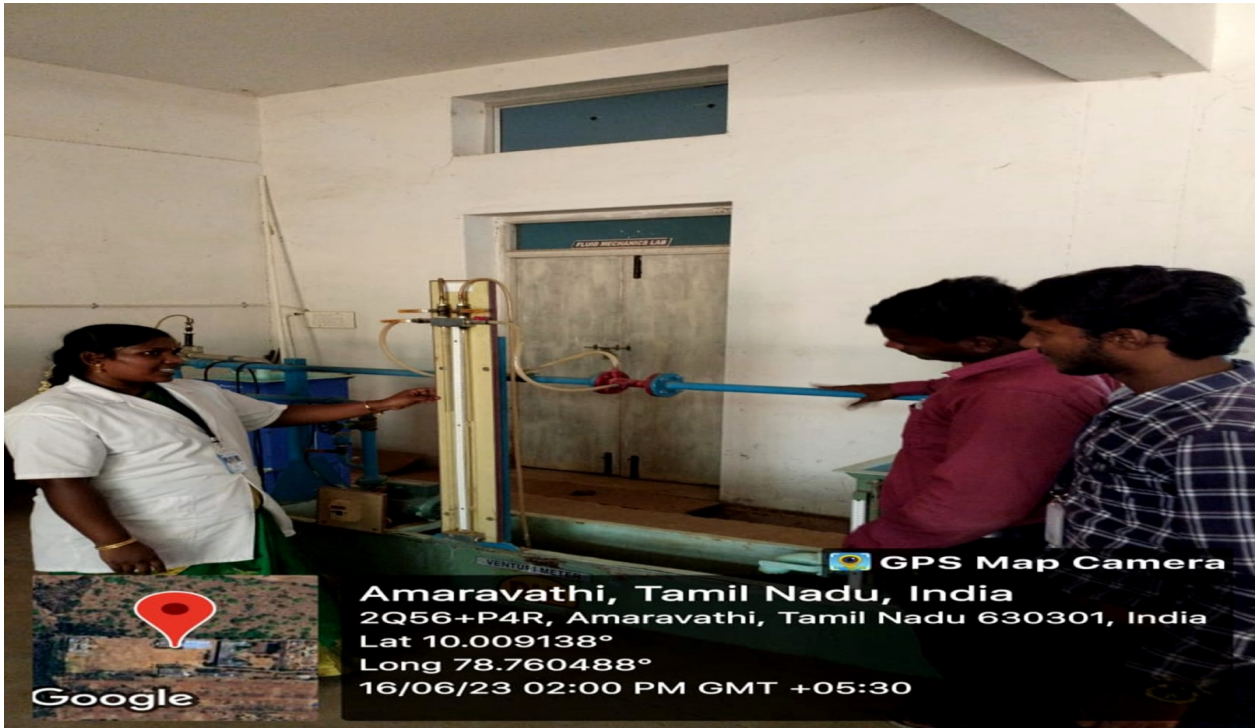


## Mouth Piece Tank



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# Venturimeter



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2Q56+P4R, Amaravathi, Tamil Nadu 630301, India  
Lat 10.009138°  
Long 78.760488°  
16/06/23 02:00 PM GMT +05:30

# Reciprocating Pump



GPS Map Camera  
Amaravathi, Tamil Nadu, India  
2Q56+P4R, Amaravathi, Tamil Nadu 630301, India  
Lat 10.008291°  
Long 78.761042°  
16/06/23 02:58 PM GMT +05:30



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