# TO WHOMSOEVER IT MAY CONCERN

It is certify that our institution is equipped with 595 computer system with working condition for students usage against the total number of students is 822 for the latest complete Academic year 2022-23. The number of students and computer Ratio is 1.38 :1

| S.No | Department | No of available Computer systems for students usage |
|------|------------|------------------------------------------------------|
| 1 | Civil Engineering | 16 |
| 2 | Computer Science and Engineering | 289 |
| 3 | Electrical and electronics Engineering | 15 |
| 4 | Electronics and Communication Engineering | 38 |
| 5 | Mechanical Engineering | 37 |
| 6 | Information Technology | 170 |
| 7 | Science & Humanities | 30 |
| | Total | 595 |

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# System Details – Department wise

## Department of Civil Engineering

| LAB NAME | ROOM NO | SYSTEM DETAIL | TOTAL SYSTEM COUNT | TOTAL SYSTEM DEPARTMENT COUNT |
|---|---|---|---|---|
| Building information Modelling Center | LH 204 | Dell i5/2nd Gen/ 8gb Ram/1TB HDD/2GB Graphic Card/19 inch/ W10 64 bit | 16 | 16 |

## Department of Computer Science and Engineering

| LAB NAME | ROOM NO | SYSTEM DETAIL | TOTAL SYSTEM COUNT | TOTAL SYSTEM DEPARTMENT COUNT |
|---|---|---|---|---|
| Mobile App Development LAB | LH 105 | MAC i5/4th Gen/4GB Ram/500GB HDD/19 inch/W10 64 bit | 30 | |
| AR VR LAB | LH 108 | HP AMD i3 /4th Gen/4GB Ram /500GB HDD/2GB Grph Card/19 inch/W10 64 bit | 5 | |
| | | Lenovo Workstation /Xeon/16GB Ram/1TB HDD/19 inch/W10 64  bit | 4 | |
| FOSS & Cloud Computing Lab | LH 401 | HP i3/4th Gen/4GB Ram/500GB HDD/19 inch/W10 64 bit | 45 | 289 |
| Project and Research Lab | LH 403 | HP i3/4th Gen/4GB Ram/500GB HDD/19 inch/W10 64 bit | 60 | |
| Code Tantra - Coding Learning Center | LH 404 | HP i3/4th Gen/4GB Ram/500GB HDD/19 inch/W10 64 bit | 145 | |
| | | Dell AMD i3/4th Gen/4GB Ram /500GB HDD/19 inch/W10 64 bit | | |

## Department of Mechanical Engineering

| LAB NAME | ROOM NO | SYSTEM DETAIL | TOTAL SYSTEM COUNT | TOTAL SYSTEM DEPARTMENT COUNT |
|---|---|---|---|---|
| CNC LAB | LH 101 | Acer i3/7th Gen/4GB Ram/1TB HDD/19 inch/ W10 64 bit | 12 | 37 |
| 3D PRINTING LAB | | Acer i3/7th Gen/4GB Ram/1TB HDD/19 inch/ W10 64 bit(5nos) | 10 | |
| | | Acer i5/7th Gen/8GB Ram/1TB HDD/19 inch/ W10 64 bit(5nos) | | |
| ALTAIR LAB | LH 102 | Acer i5/7th Gen/8GB Ram/1TB HDD/2GB Grphics Card/19 inch/ W10 64 bit | 10 | |
| INDUSTIAL ROBOTICS LAB | LH 103 | Acer i5/7th Gen/4GB Ram/1TB HDD/19 inch/ W10 64 bit | 5 | |

## Department of Electrical and Electronics Engineering

| LAB NAME | ROOM NO | SYSTEM DETAIL | TOTAL SYSTEM COUNT | TOTAL SYSTEM DEPARTMENT COUNT |
|---|---|---|---|---|
| MICRO PROCESSOR LAB | LH 305 | Core Quad/2GB Ram/160 HDD/19 inch/ W7 64 bit | 10 | 15 |
| SOLAR WIND ENRGY | LH 119 | Dell AMD/4th Gen/4GB Ram /500GB HDD/19 inch/W10 64 bit | 5 | |

## Department of Electronics and Communication Engineering

| LAB NAME | ROOM NO | SYSTEM DETAIL | TOTAL SYSTEM COUNT | TOTAL SYSTEM DEPARTMENT COUNT |
|---|---|---|---|---|
| DSP LAB | LH 205 | Dell i5/2nd Gen/8gb Ram/ 1TB HDD/2GB Graphic Card/ 19 inch/ W10 64 bit | 15 | 38 |
| | | Acer i5/7thGen/4GB Ram/ 1TB HDD/19 inch/ W10 64 bit | 12 | |
| | | Core Quad/2GB Ram/160 HDD/19 inch/ W7 64 bit | 3 | |
| IOT LAB | LH 117 | Dell i3/4th Gen/4GB Ram/500GB HDD/19 inch/ W10 64 bit | 5 | |
| | | Core Quad/2GB Ram/19 inch/ W7 64 bit | 3 | |

## Department of Science and Humanities

| LAB NAME | ROOM NO | SYSTEM DETAIL | TOTAL SYSTEM COUNT | TOTAL SYSTEM DEPARTMENT COUNT |
|---|---|---|---|---|
| LANGUAGE LAB | LH 112 | Core Quad/4GB Ram/160 HDD/19 inch/ W7 64 bit | 30 | 30 |

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## Depatment of Information Technology

| LAB NAME | ROOM NO | SYSTEM DETAIL | TOTAL SYSTEM COUNT | TOTAL SYSTEM DEPARTMENT COUNT |
|---|---|---|---|---|
| CISCO LAB | LH 105 | Dell i5/4th Gen/4GB Ram/ 250GB HDD/ 19 inch/W10 64 bit (8nos) | 30 | 170 |
| | | Dell i3/4th Gen/4GB Ram/ 250GB HDD/19 inch/W10 64 bit  (22nos) | | |
| ROBATICES PROCESSES AND AUTOMATION | LH 107 | Acer i3/7th & 8th Gen/ 4GB Ram/ 1TB HDD/19 inch/W10 64 bit | 30 | |
| Data Science Lab | LH 201 | Acer i3/4th Gen/4GB Ram/ 1TB HDD/19 inch/ W10 64 bit | 20 | |
| | | Dell i3/4th Gen/4GB Ram/ 250GB HDD/19 inch/ W10 64 bit | 10 | |
| Big Data Analytics Lab | LH 202 | Lenovo Quad Core/ 2GB Ram/ 160GB HDD/ 19 inch/ W7 32 bit | 30 | |
| Full stack Development Lab | LH 417 | Dell i3/4th Gen/4GB Ram/ 250GB HDD/19 inch/ W10 64 bit | 30 | |
| | | HP AMD/4th Gen/4GB Ram / 500GB HDD/19 inch/W10 64 bit | 20 | |

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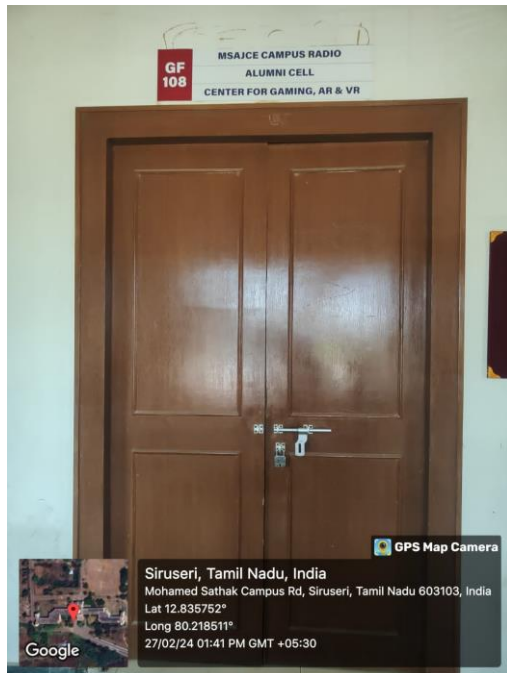34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
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**MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING**
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ISO 9001:2015
Certified by IRQS   QM 006

# Computer Lab Photos

# AR & VR Laboratory

## OUTSIDE VIEW

## INSIDE VIEW





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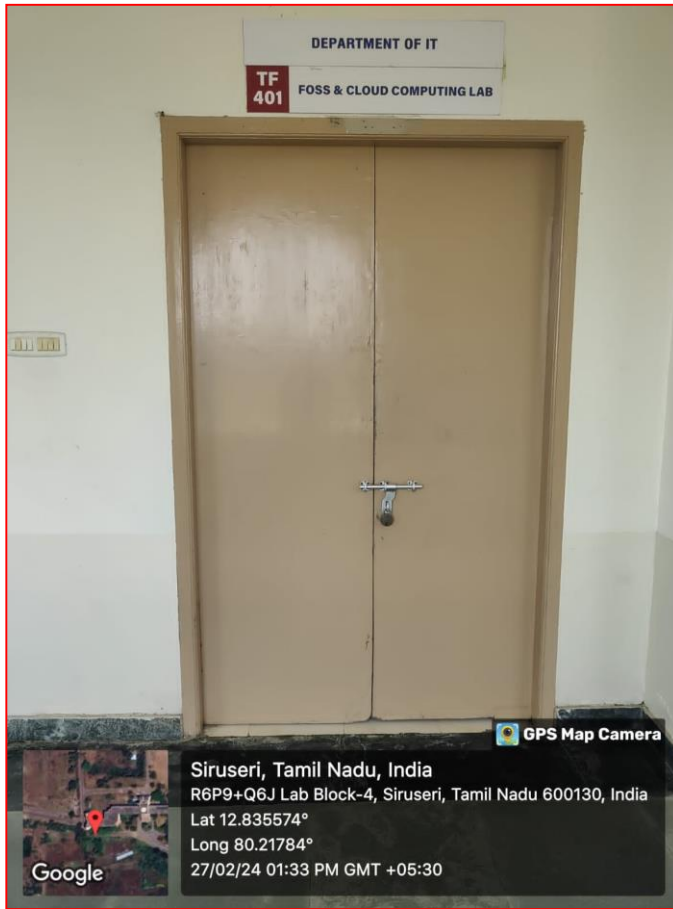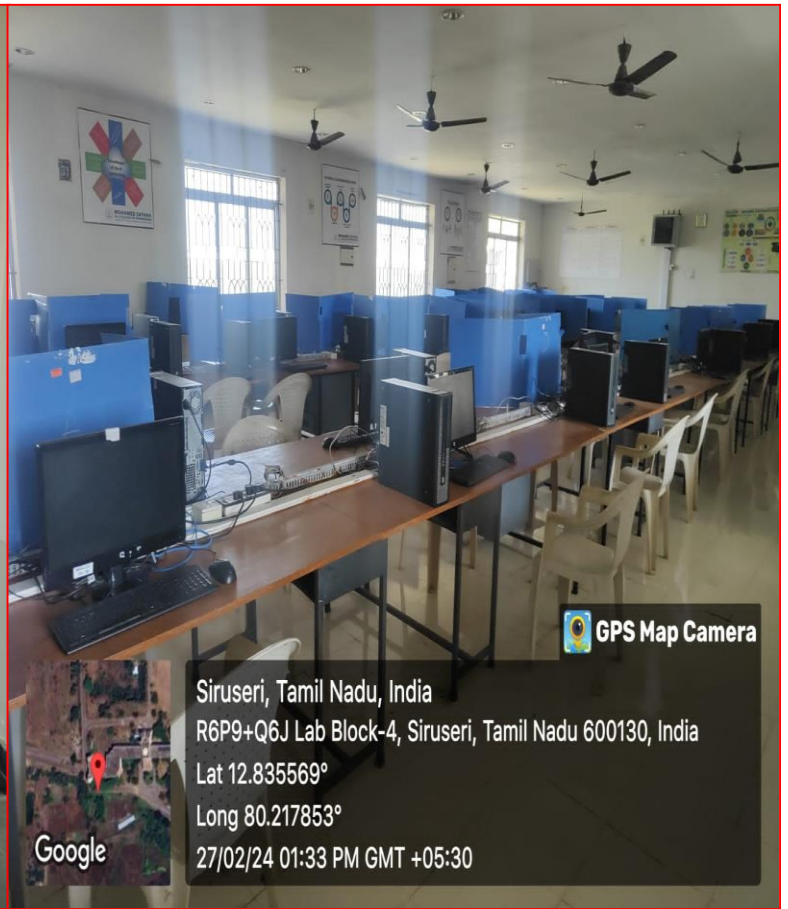# Big Data Analytics  Laboratory

OUTSIDE VIEW

INSIDE VIEW





PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

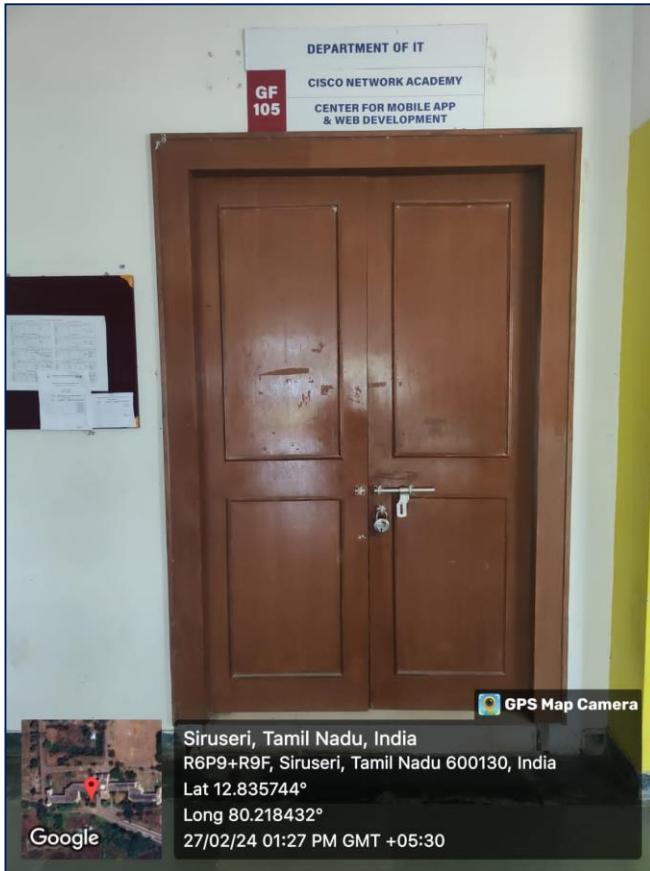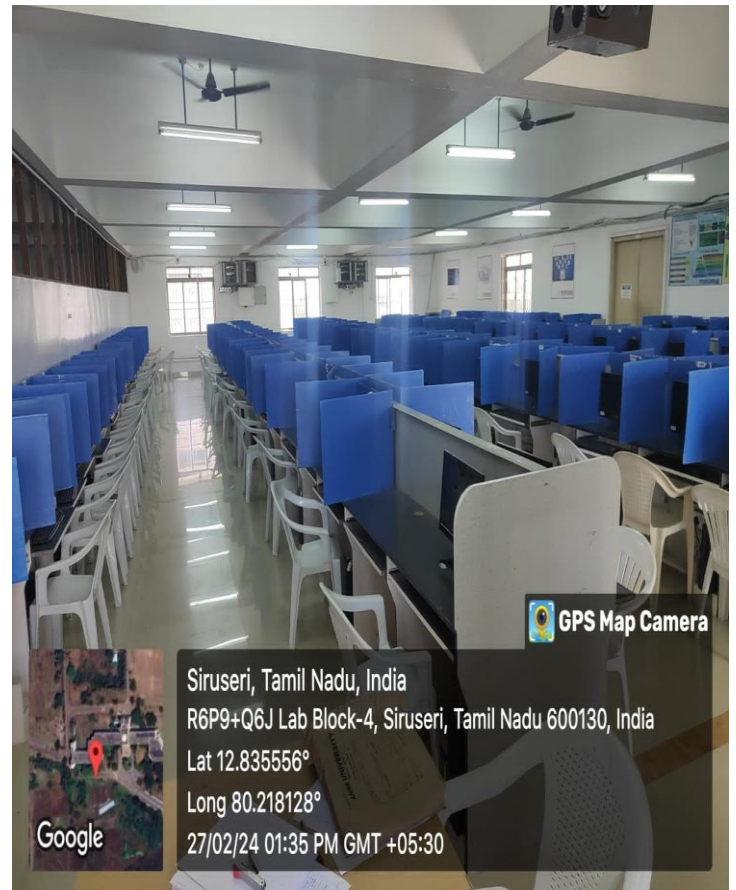## FOSS & Cloud Computing Laboratory

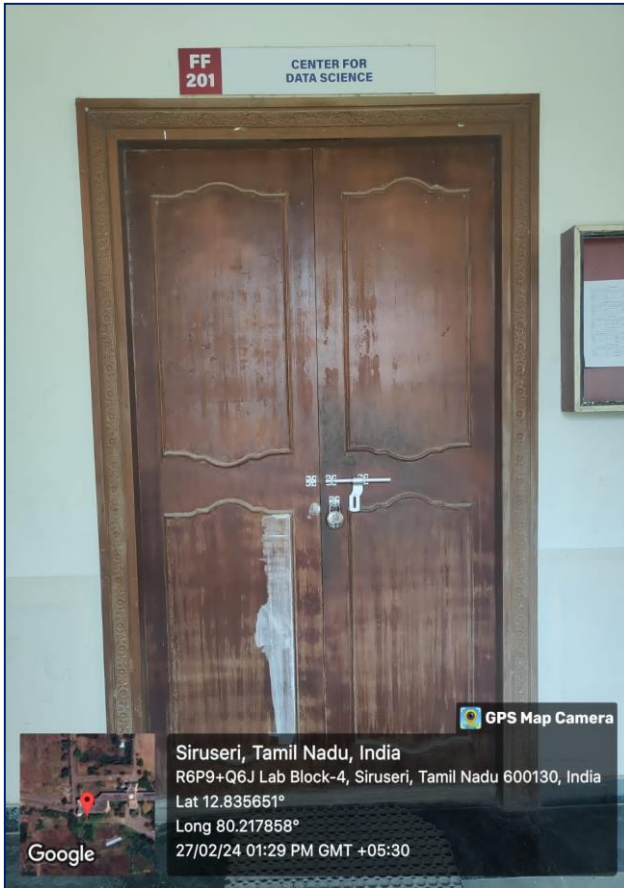| OUTSIDE VIEW | INSIDE VIEW |
| --- | --- |





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ISO 9001:2015
Certified by IRQS    QM 006

# CISCO NETWORK ACADEMY

## OUTSIDE VIEW

## INSIDE VIEW



DEPARTMENT OF IT
CISCO NETWORK ACADEMY
GF 105
CENTER FOR MOBILE APP & WEB DEVELOPMENT

GPS Map Camera

Siruseri, Tamil Nadu, India
R6P9+R9F, Siruseri, Tamil Nadu 600130, India
Lat 12.835744°
Long 80.218432°
27/02/24 01:27 PM GMT +05:30



GPS Map Camera

Siruseri, Tamil Nadu, India
R6P9+R9F, Siruseri, Tamil Nadu 600130, India
Lat 12.835761°
Long 80.218438°
27/02/24 01:28 PM GMT +05:30

PRINCIPAL
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Chennai-603 103.

## Code Tantra and Coding Learning Center

**OUTSIDE VIEW**

**INSIDE VIEW**





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Artificial Intelligence and Data Science  Laboratory

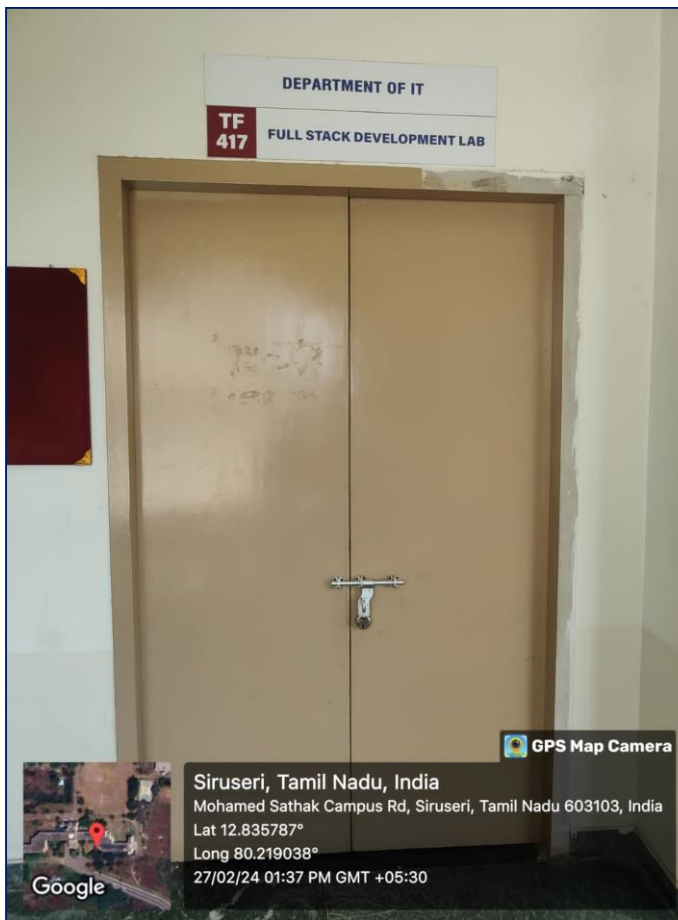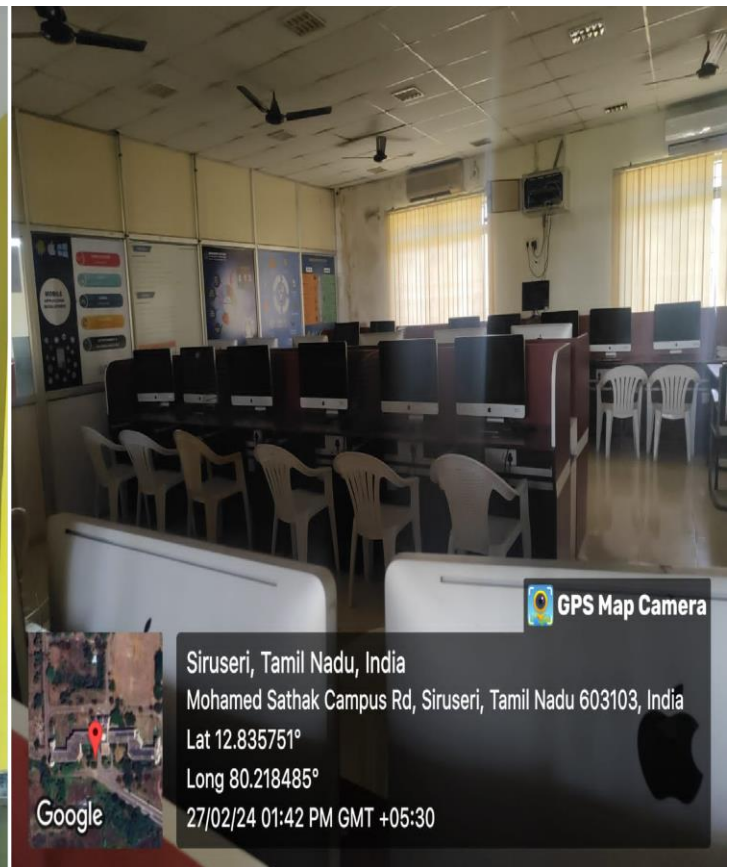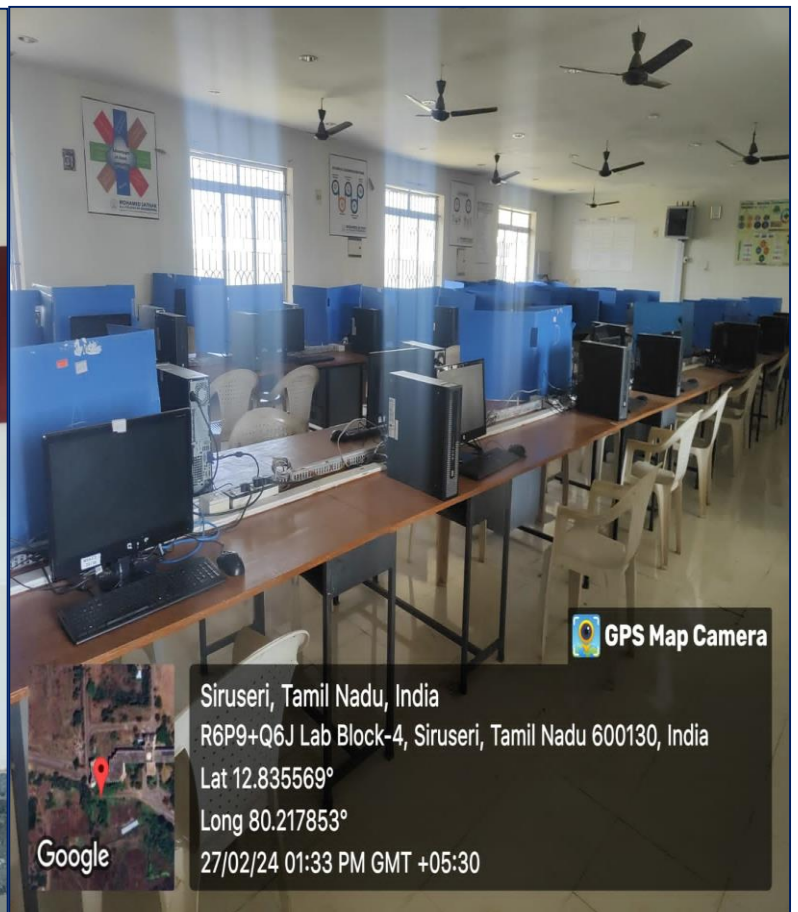OUTSIDE VIEW                                    INSIDE VIEW





PRINCIPAL
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# Full stack Development  Laboratory

<u>OUTSIDE VIEW</u>                                   <u>INSIDE VIEW</u>

# Center for Mobile App & Web Development

OUTSIDE VIEW                    INSIDE VIEW





PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
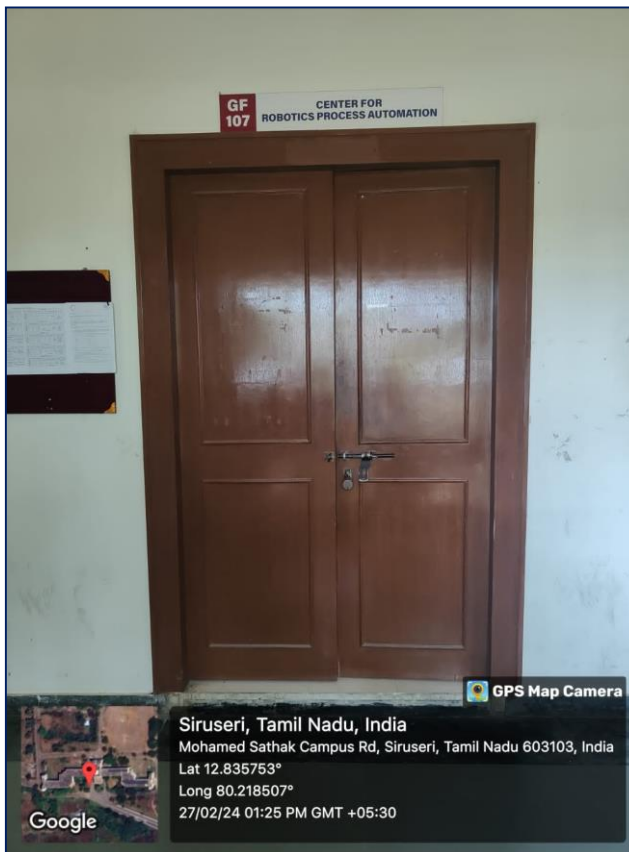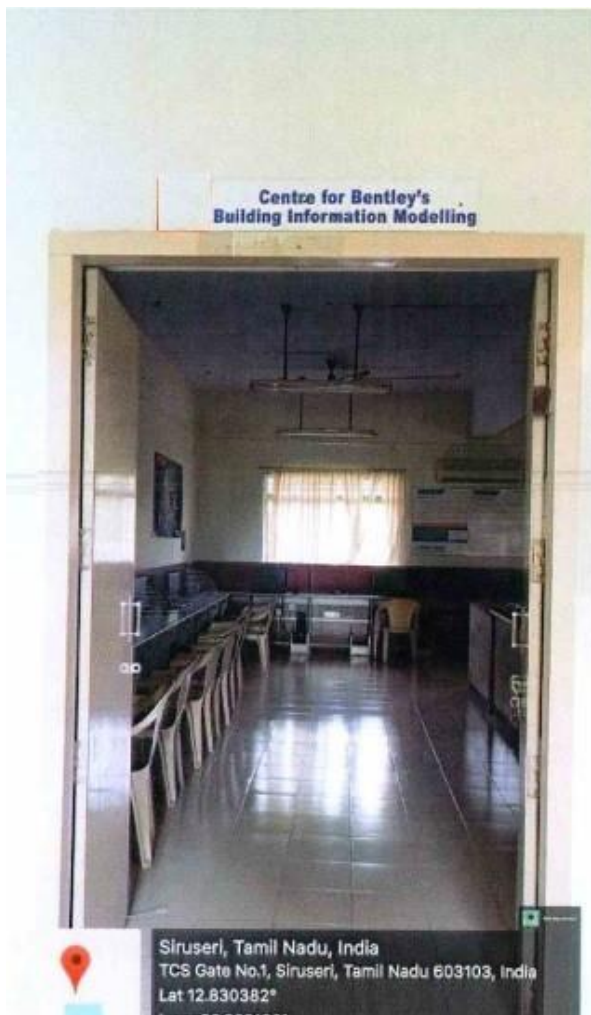34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

# Project and Research Laboratory

OUTSIDE VIEW                    INSIDE VIEW



TF 403 | PROJECT & RESEARCH LAB CSE & IT

Siruseri, Tamil Nadu, India
R6P9+Q6J Lab Block-4, Siruseri, Tamil Nadu 600130, India
Lat 12.835558°
Long 80.218009°
27/02/24 01:34 PM GMT +05:30

GPS Map Camera



Siruseri, Tamil Nadu, India
R6P9+Q6J Lab Block-4, Siruseri, Tamil Nadu 600130, India
Lat 12.835569°
Long 80.217853°
27/02/24 01:33 PM GMT +05:30

GPS Map Camera

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# Center for Robotics Process Automation

OUTSIDE VIEW                                INSIDE VIEW

# Building information Modelling Center

### OUTSIDE VIEW

### INSIDE VIEW





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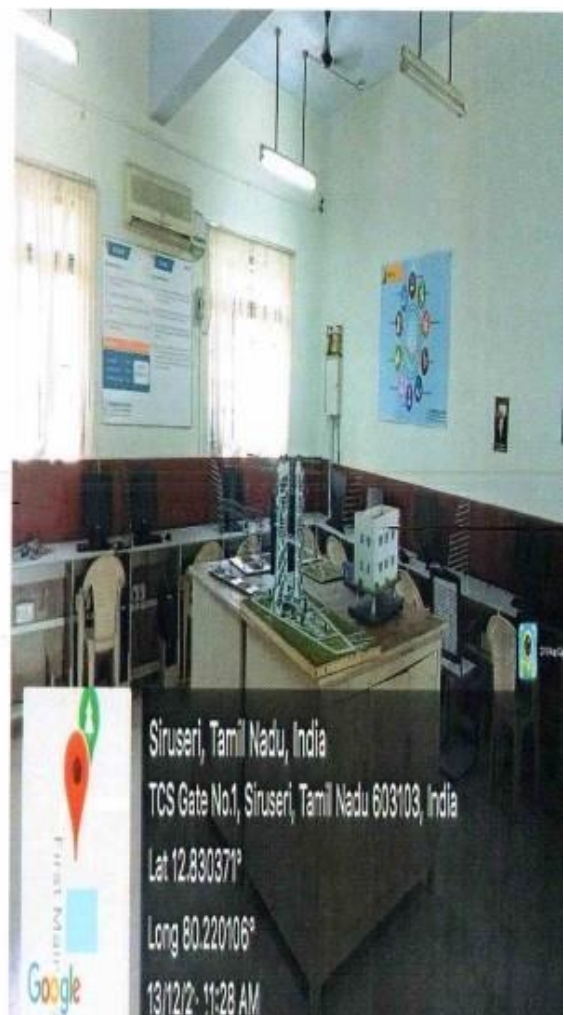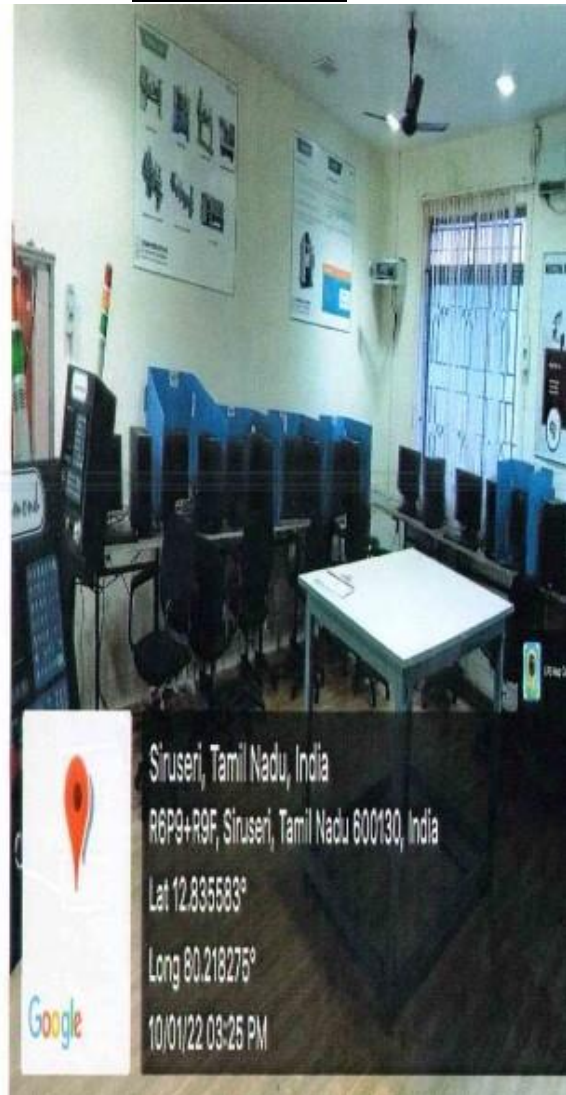34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

## Center for Computer Aided Design and Computer Aided Manufacring
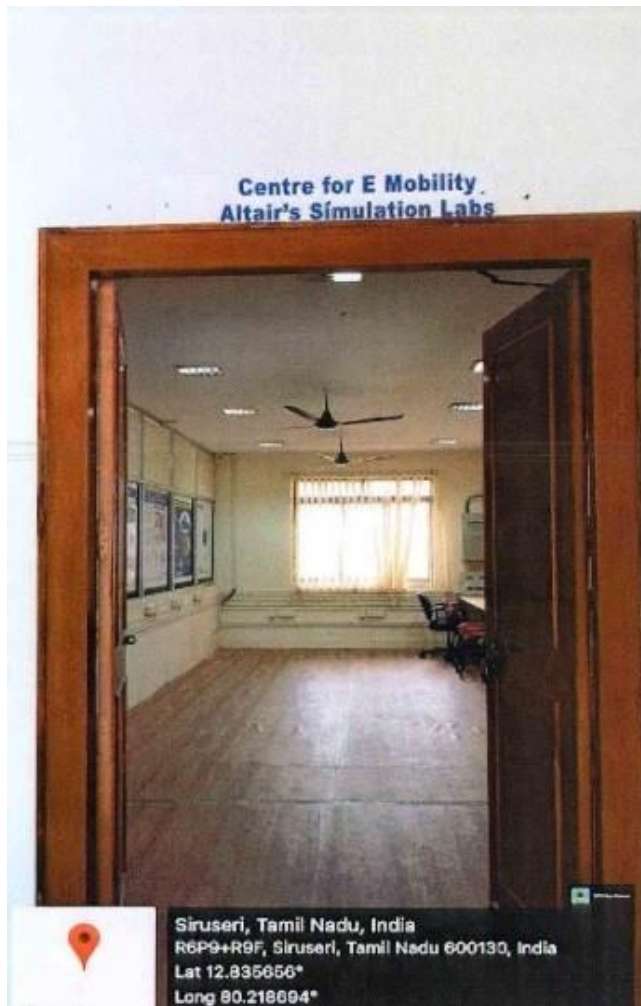
OUTSIDE VIEW                    INSIDE VIEW



Siruseri, Tamil Nadu, India

R6P9+R9F, Siruseri, Tamil Nadu 600130, India

Lat 12.835692°
Long 80.218712°
31/06/22 11:26 AM

Siruseri, Tamil Nadu, India

R6P9+R9F, Siruseri, Tamil Nadu 600130, India

Lat 12.835583°
Long 80.218275°
10/01/22 03:25 PM

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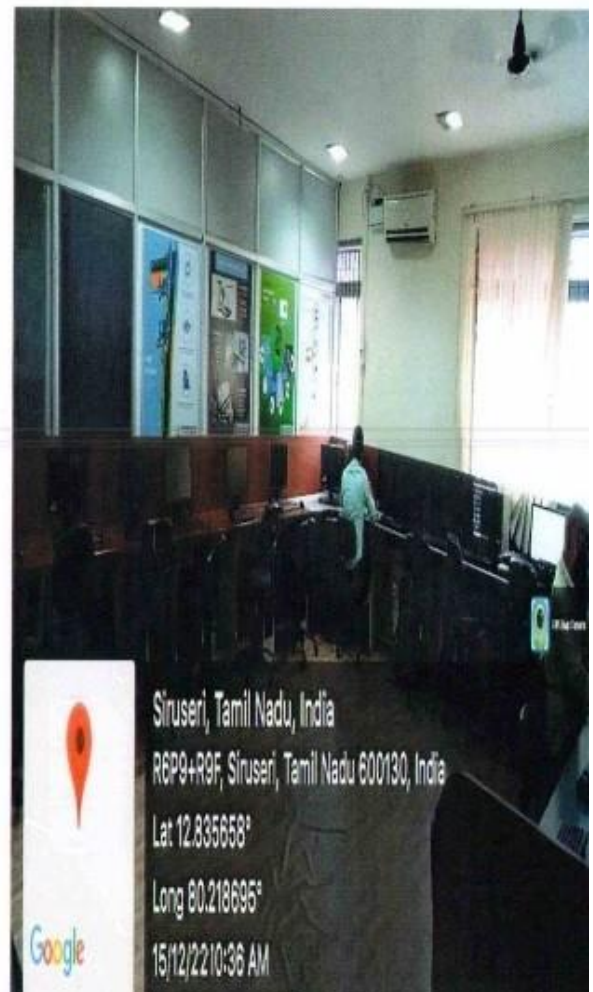34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

## Center for E-Mobility Altair's Simulation

OUTSIDE VIEW           INSIDE VIEW



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Chennai-603 103.

# Center for Industrial Robotics

OUTSIDE VIEW                                    INSIDE VIEW



PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
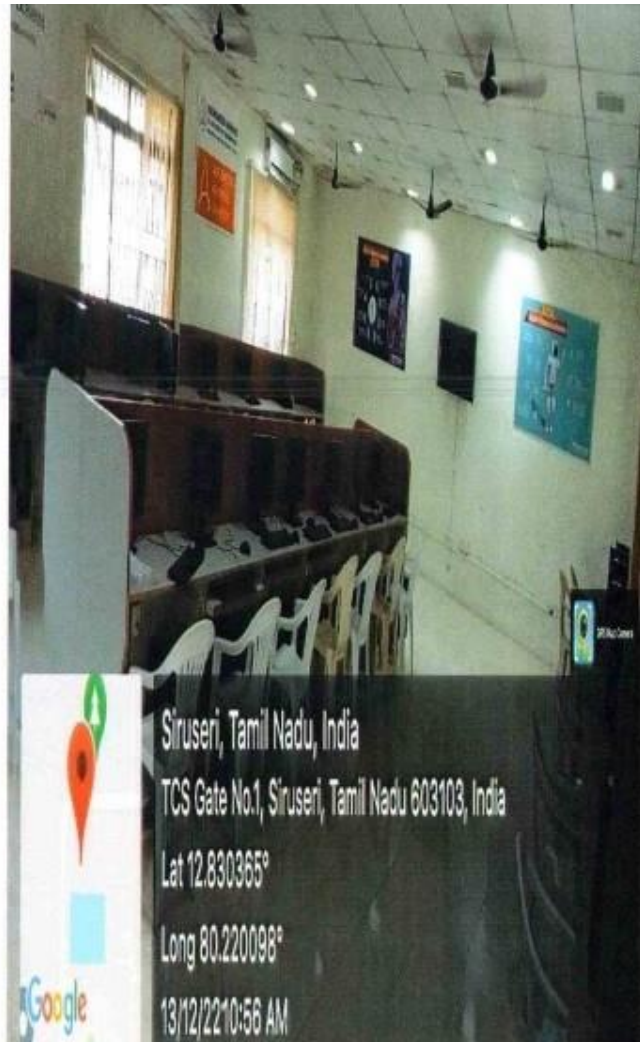34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

## DSP , VLSI Design  Laboratory

OUTSIDE VIEW                    INSIDE VIEW



Siruseri, Tamil Nadu, India
TCS Gate No.1, Siruseri, Tamil Nadu 603103, India
Lat 12.830026°
Long 80.220108°

Siruseri, Tamil Nadu, India
TCS Gate No.1, Siruseri, Tamil Nadu 603103, India
Lat 12.830365°
Long 80.220098°
13/12/22 10:56 AM

# IOT Laboratory

OUTSIDE VIEW                                    INSIDE VIEW



PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
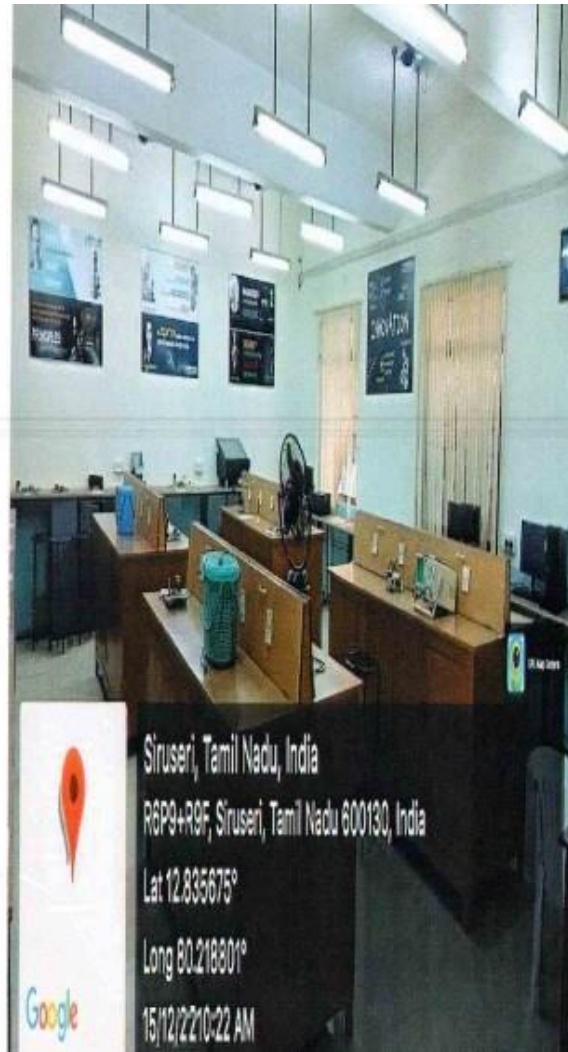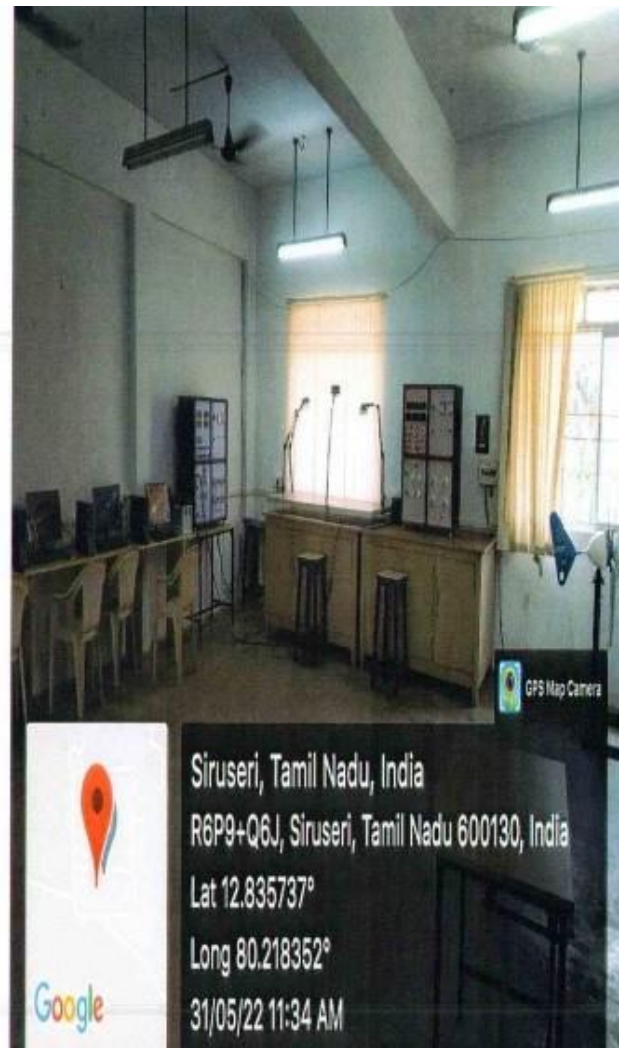34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

# Centre for Solar and Wind Energy

OUTSIDE VIEW                    INSIDE VIEW



PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
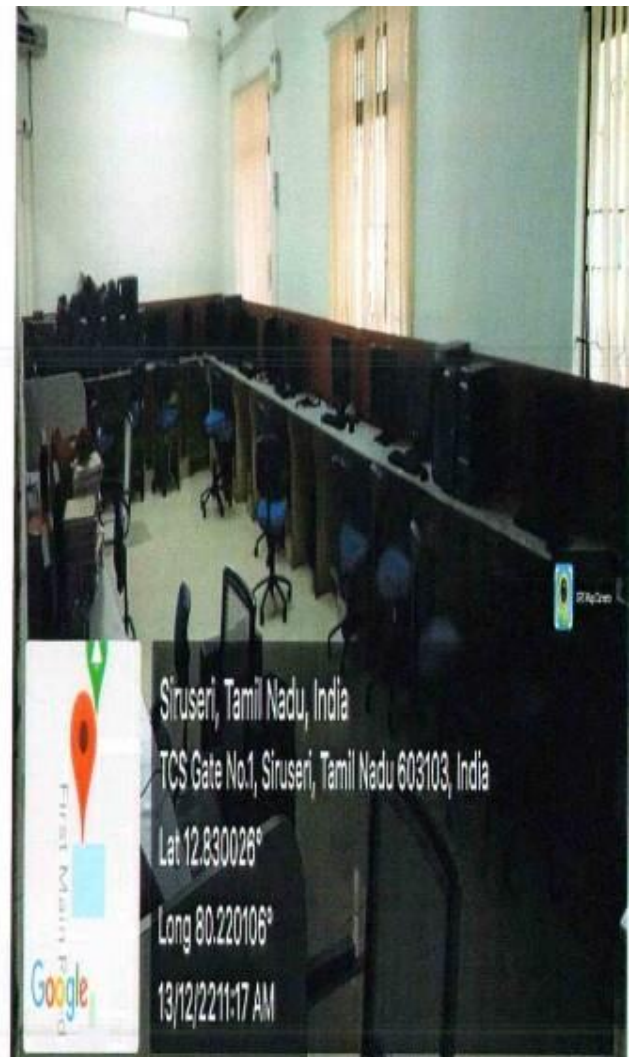34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

# Language Laboratory

## OUTSIDE VIEW                INSIDE VIEW

# Students
# and
# Computer System
# Ratio

# Students Details Department wise

| S.No | Department | No of Students |
|------|-----------|----------------|
| 1 | B.Tech - Artificial Intelligence and Data Science | 30 |
| 2 | B.E - Civil Engineering | 35 |
| 3 | B.E - Computer Science and Engineering | 220 |
| 4 | B.Tech - Computer Science and Business Systems | 21 |
| 5 | B.E - Electrical and Electronics Engineering | 48 |
| 6 | B.E - Electronics and Communication Engineering | 133 |
| 7 | B.E - Mechanical Engineering | 105 |
| 8 | B.Tech - Information Technology | 212 |
| 9 | M.E - Computer Science and Engineering | 4 |
| 10 | M. E – Structural Engineering | 14 |
| | Total | 822 |

## Ratio

| Students | Computer System |
|----------|-----------------|
| 822 | 595 |
| 1.38 | 1 |

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