**CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES**

**4.1 - Physical Facilities**

**4.1.1- The Institution has adequate infrastructure and physical facilities for teaching learning, viz., classrooms, laboratories, computing equipment, etc.**

**DECLARATION FOR THE YEAR 2023-2024**

This is to certify that the institution has adequate infrastructure and physical facilities for teaching- learning activities. The institution has 45 classrooms (ICT enabled facilities), 3 seminar halls (ICT enabled facilities), 35 laboratories and 729 computer systems with a bandwidth of 100 Mbps.

The photos of the infrastructure and physical facilities of the institution are given as additional proof/information.

**CRITERION INCHARGE**      **IQAC COORDINATOR**      **PRINCIPAL**
Dr.G.MAHENDRAN, B.E.,M.Tech.,Ph.D.,
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Villupuram District, 605 108.

**4.1.1- Infrastructure and physical facilities for teaching-learning**

## MAIN BUILDING BLOCK



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.920109°
Long 79.611014°
03/02/22 02:58 PM GMT +05:30

## MOTHER THERESA BLOCK



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.920109°
Long 79.611014°
03/02/22 03:01 PM GMT +05:30

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# SIR. M. VISVESVARAYA BLOCK



# SRINIVASA RAMANUJAN BLOCK

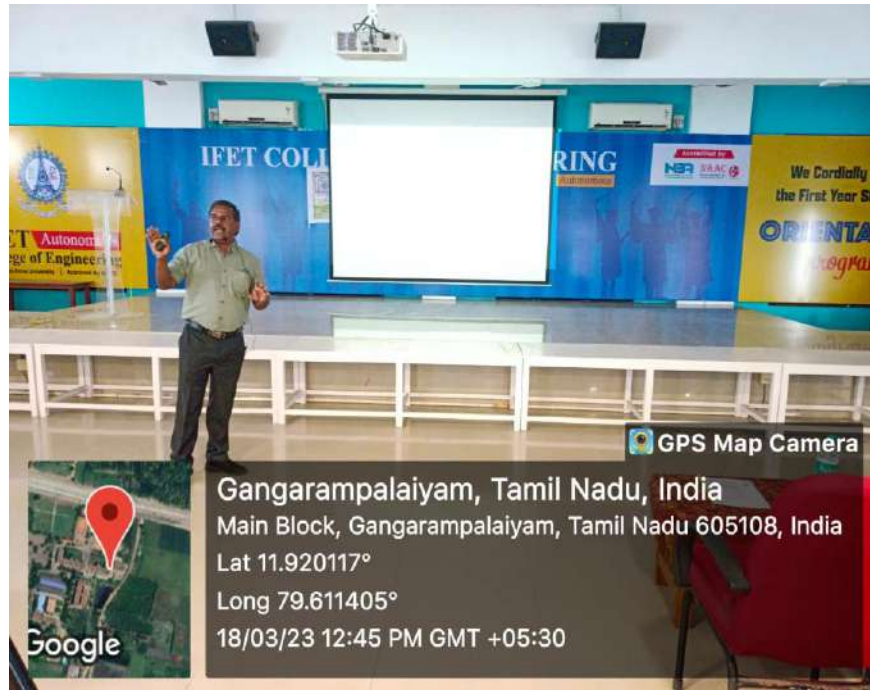Dr.G. MAHENDRAN, B.E.,M.Tech.,Ph.D.,
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IFET Nagar, GANGARAMPALAYAM,
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# SEMINAR HALLS

## MOTHER THERESA SEMINAR HALL



## MAIN BUILDING SEMINAR HALL

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Villupuram District, 605 108.

## SRINIVASA RAMANUJAN SEMINAR HALL



Gangarampalaiyam, Tamil Nadu, India
Block G, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.919014°
Long 79.61007°
23/03/23 03:21 PM GMT +05:30

## DR. A.P.J. ABDUL KALAM BLOCK



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.920109°
Long 79.611014°
03/02/22 03:14 PM GMT +05:30

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## LIBRARY



Gangarampalaiyam, Tamil Nadu, India
Block D, IFET ROAD, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.919373°
Long 79.610192°
06/12/22 02:13 PM GMT +05:30

## BOYS HOSTEL



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.920109°
Long 79.611014°
03/02/22 03:22 PM GMT +05:30

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# GIRLS HOSTEL



# STUDENTS CAFETERIA

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IFET Nagar, GANGARAMPALAYAM,
Villupuram District, 605 108.

## DETAILS OF CLASSROOMS

| Sl. No. | Department | Floor Details | Room No | Area (Sq. Ft) |
|---|---|---|---|---|
| **MAIN BUILDING BLOCK** | | | | |
| 1 | CIVIL | Second Floor | 151 | 81 |
| 2 | | | 167 | 81 |
| 3 | | | 168 | 54 |
| 4 | | | 170 | 81 |
| 5 | CSE | Ground Floor | 117 | 81 |
| 6 | | | 118 | 81 |
| 7 | | | 119 | 81 |
| 8 | | | 120 | 81 |
| 9 | | | 121 | 81 |
| 10 | | Third Floor | 173 | 81 |
| 11 | | | 174 | 81 |
| 12 | | | 175 | 81 |
| 13 | | | 176 | 81 |
| 14 | | | 177 | 81 |
| 15 | | | 182 | 81 |
| 16 | | | 188 | 81 |
| 17 | ECE | Ground Floor | 105 | 81 |
| 18 | | | 106 | 81 |
| 19 | | Second Floor | 149 | 81 |
| 20 | | | 152 | 81 |
| 21 | | | 153 | 81 |
| 22 | | | 156 | 81 |
| 23 | | | 165 | 81 |
| 24 | | | 166 | 81 |
| 25 | ME | Third Floor | 183 | 41 |

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| | | | | |
|---|---|---|---|---|
| 26 | | | 184 | 41 |
| 27 | | Third Floor | 172 | 54 |
| 28 | TUTORIAL | | 189 | 54 |
| 29 | | Ground Floor | 106A | 54 |

**SIR. M.VISVESVARAYA BLOCK**

| | | | | |
|---|---|---|---|---|
| 30 | | | 237 | 83 |
| 31 | EEE | First Floor | 238 | 83 |
| 32 | | | 240 | 83 |
| 33 | | | 241 | 83 |
| 34 | | | 253 | 83 |
| 35 | IT | Second Floor | 254 | 83 |
| 36 | | | 256 | 83 |
| 37 | | | 257 | 83 |
| 38 | | | 224 | 83 |
| 39 | MECHANICAL | Ground Floor | 225 | 83 |
| 40 | | | 231 | 83 |
| 41 | | | 232 | 83 |
| 42 | | | 277 | 83 |
| 43 | AI&DS | Third Floor | 278 | 83 |
| 44 | | | 280 | 83 |
| 45 | | | 269 | 83 |
| 46 | AIML | Third Floor | 270 | 83 |
| 47 | | | 271 | 45 |
| 48 | TUTORIAL | Third Floor | 273 | 83 |
| 49 | | Ground Floor | 223 | 45 |
| 50 | TUTORIAL | First Floor | 239 | 45 |
| 51 | | Second | 255 | 45 |

| | | Floor | | |
|---|---|---|---|---|
| 52 | | | 268 | 45 |
| 53 | | Third Floor | 272 | 83 |
| 54 | | | 274 | 45 |
| 55 | | | 279 | 45 |
| 56 | | Ground Floor | 233 | 83 |
| 57 | TUTORIAL | | 234 | 83 |
| 58 | | Third Floor | 281 | 83 |
| **SRINIVASA RAMANUJAN BLOCK** | | | | |
| 59 | | | 201 | 90 |
| 60 | MBA | First Floor | 207 | 81 |
| 61 | | | 208 | 54 |
| 62 | TUTORIAL | Ground Floor | 192 | 81 |

## SAMPLE CLASSROOM PHOTOS

Dr.G. MAHENDRAN, B.E.,M.Tech.,Ph.D.,
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IFET Nagar, GANGARAMPALAYAM,
Villupuram District, 605 108.

## DEPARTMENT OF CIVIL ENGINEERING

The Civil department has seven laboratories in which two laboratories (Fluids Mechanics Laboratory and Strength of Materials Laboratory) are shared with Mechanical department. The details of the laboratories and the major computing equipment details are listed below.

| S.No | Name of the Laboratory |
|------|------------------------|
| 1. | Survey Laboratory |
| 2. | Water and waste water Engineering Laboratory |
| 3. | Concrete Engineering Laboratory |
| 4. | Soil Mechanics Laboratory |
| 5. | Transportation Engineering Laboratory |
| 6. | Fluids Mechanics Laboratory |
| 7. | Strength of Materials Laboratory |

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# SURVEY LABORATORY



Major Computing Equipment Details:

- Total Stations
- Theodolite
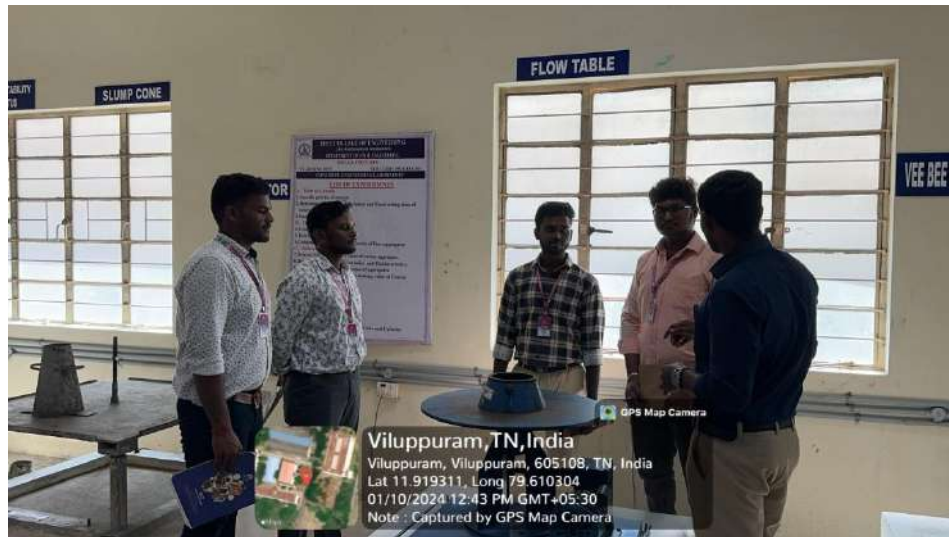- Dumpy Level

# WATER AND WASTE WATER ENGINEERING LABORATORY



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Major Computing Equipment Details:

- COD digester and BOD incubator
- Turbidity meter
- Muffle furnace

## CONCRETE ENGINEERING LABORATORY



Major Computing Equipment Details:

- Impact testing machine
- LOS Angels abrasion testing machine
- Compressive Testing Machine

## SOIL MECHANICS LABORATORY

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Villupuram District, 605 108.

Major Computing Equipment Details:

- Direct Shear testing apparatus
- Permeability testing apparatus
- Three gang consolidation testing apparatus

## TRANSPORTATION ENGINEERING LABORATORY



Major Computing Equipment Details:

- Ductility testing machine
- Penetration testing machine
- Marshall stability testing machine

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# FLUIDS MECHANICS LABORATORY



Major Computing Equipment Details:

- Gear oil pump
- Pelton Wheel Turbine
- Orificemeter

# STRENGTH OF MATERIAL LABORATORY

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Villupuram District, 605 108.

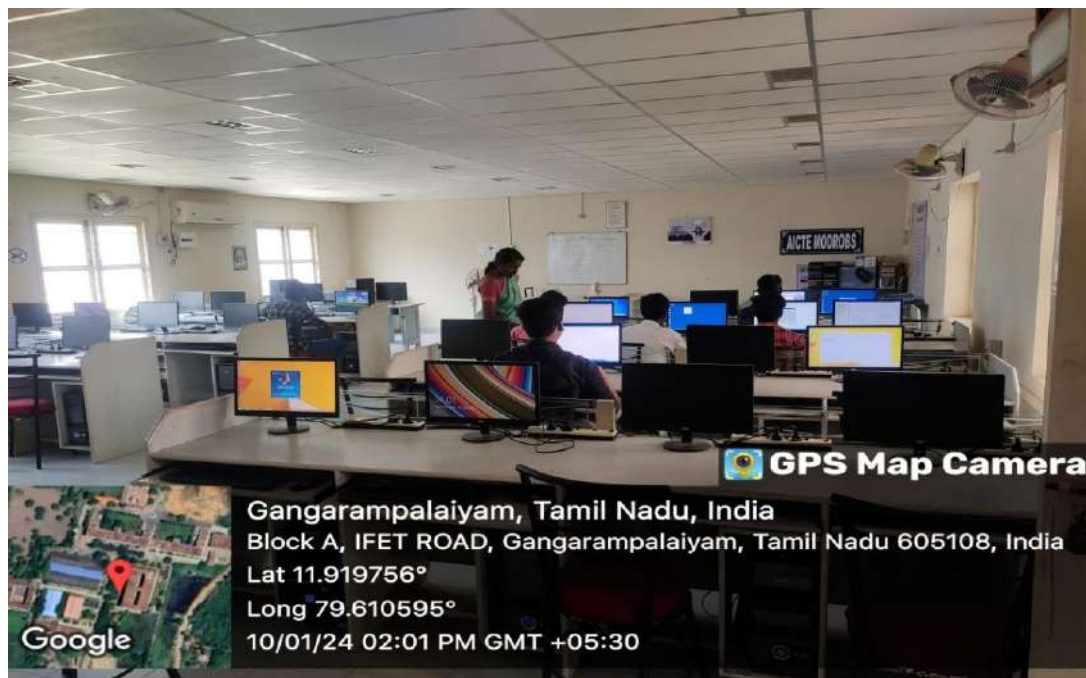Major Computing Equipment Details:

- Universal Testing machine
- Brinell Hardness testing machine
- Deflection testing machine

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING (EEE)

The EEE department has five laboratories. The details of the laboratories and the major computing equipment details are listed below.

| S.No | Name of the Laboratory |
|---|---|
| 1. | Simulation Laboratory |
| 2. | Renewable Energy Laboratory |
| 3. | Power Electronics Laboratory |
| 4. | Control Systems Laboratory |
| 5. | Electrical Machines Laboratory |

## SIMULATION LABORATORY:



Gangarampalaiyam, Tamil Nadu, India
Block A, IFET ROAD, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.919756°
Long 79.610595°
10/01/24 02:01 PM GMT +05:30

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IFET Nagar, GANGARAMPALAYAM,
Villupuram District, 605 108.

Major Computing Equipment details:

- Total number of system : 35
  Processor Pentium with Core 2Duo @ 2.93GHz
  With INTEL DG4IRQ mother board RAM: 2 GB Hynix DDR2
  HDD:250 GB SATA
  Keyboard: Logitec Black Mouse: Logitech Optical Black
  Ethernet:10/100 Mbps with USBport
- 2 Laser Printer

## RENEWABLE ENERGY LABORATORY



Major Computing Equipment Details:

- 1kW Solar PV Trainer Module
- PV Emulator Module

Major Computing Equipment Details:

- 3 phase IPM based power module
- IGBT PWM INVERTER
- PMBLDC motor

# CONTROL SYSTEMS LABORATORY

Dr.G. MAHENDRAN, B.E.,M.Tech.,Ph.D.,
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Villupuram District, 605 108.

Major Computing Equipment Details:

- AC servo motor
- DC position control
- Microprocessor based linearization thermistor module

## ELECTRICAL MACHINES LABORATORY



Gangarampalaiyam, Tamil Nadu, India
Block B, IFET ROAD, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.919948°
Long 79.610011°
10/01/24 02:26 PM GMT +05:30

Major Computing Equipment Details:

- DC Shunt Motor with Generator set
- Induction Generator
- Squirrel Cage Induction Motor

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PRINCIPAL,
IFET College of Engineering,
(An Autonomous Institution)
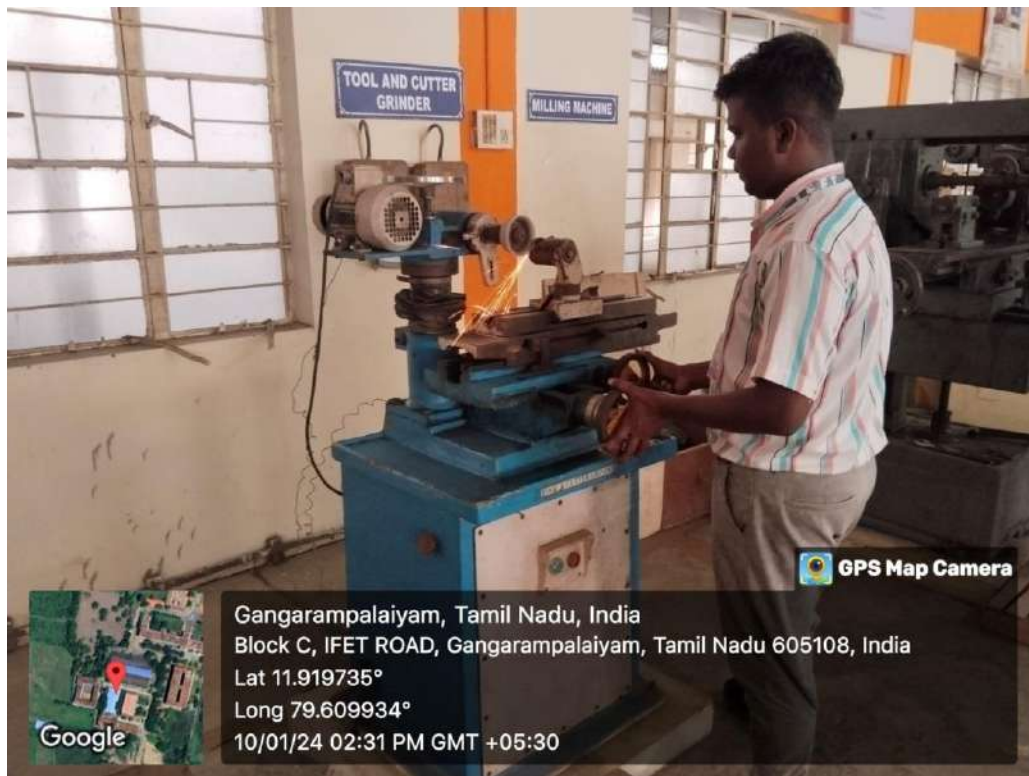IFET Nagar, GANGARAMPALAYAM,
Villupuram District, 605 108.

## DEPARTMENT OF MECHANICAL ENGINEERING

The Mechanical department has one workshop and seven laboratories in which two laboratories (Fluids Mechanics Laboratory and Strength of Materials Laboratory) are shared with Civil department. The details of the laboratories and the major computing equipment details are listed below.

| S.No | Name of the Laboratory |
|------|------------------------|
| 1. | Basic Workshop |
| 2. | Thermal Engineering Laboratory |
| 3. | CAD / CAM Laboratory |
| 4. | Dynamics Laboratory |
| 5. | Mechatronics Laboratory |
| 6. | Metrology and Measurement Laboratory |
| 7. | Strength of Materials Laboratory |
| 8. | Fluid Mechanical Laboratory |

## BASIC WORKSHOP

Major Computing Details:

- Gear hobbling Machine
- Gear Shaping Machine

## THERMAL ENGINEERING LABORATORY

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Villupuram District, 605 108.

Major Computing Details:
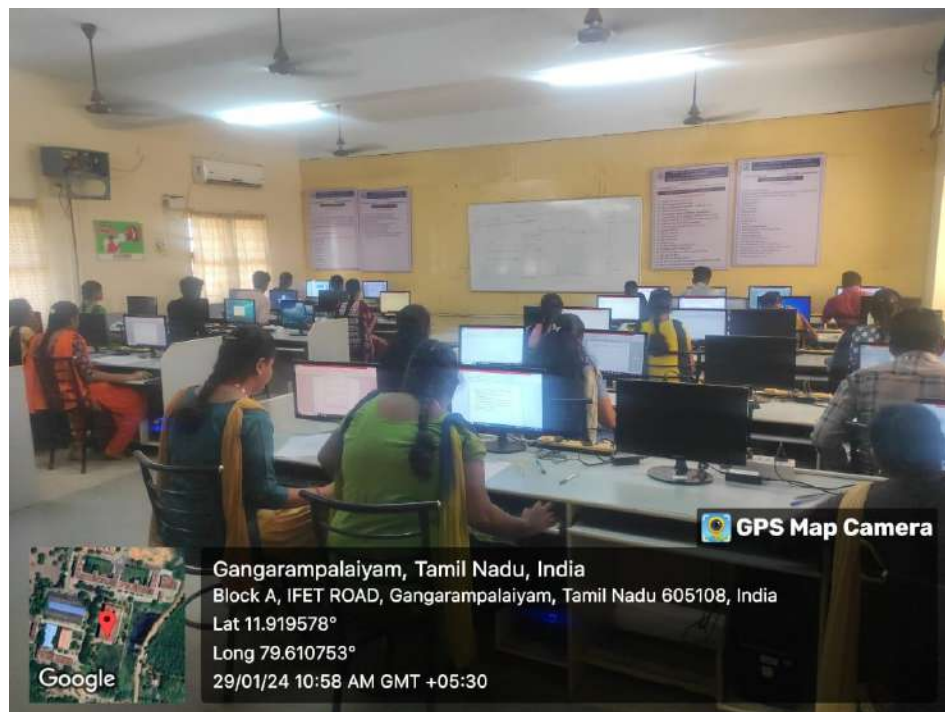
- CRDI experimental set up with data acquisition system
- Boiler

## CAD/CAM LABORATORY

Major Computing Details:

- Total number of System and Configuration details:

| | |
|---|---|
| Processor Pentium with Core 2Duo @ 2.93GHz<br>With INTEL DG4IRQ mother board<br>RAM: 2 GB Hynix DDR2<br>HDD:250 GB SATA<br>Keyboard: Logitec Black Mouse: Logitech Optical Black<br>Ethernet:10/100 Mbps with USBportMouse: Wipro 2 Button Mouse | 1 |
| Processor  Core I3<br>With INTEL DH61WW Mother board<br>RAM: 4 GB DDR3  Trancent HDD:500 GB SATA<br>DVD R/W : LG SATA<br>Keyboard: Logitec Black Mouse: Logitech  Optical Black<br>Ethernet:10/100 Mbps with USBport | 35 |
| Processor:Pentium IV@ 2.4 GHz<br>With Intel 865GL Chipset RAM:1 GB DDR RAM<br>Cache:512 kb<br>HDD:40 GB<br>KeyBoard:Wipro 104 Keys<br>Mouse:Wipro 2 Button Mouse<br>Ethernet:10/100 Mbps with USBport<br>Installed Softwares:<br>    * Crew<br>    * AutoCard<br>    * Fusion 360<br>    * Python<br>    * Ms Office | 2 |

Major Computing Details:

- Balancing of rotating masses
- Governor

## MECHATRONICS LABORATORY

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(An Autonomous Institution)
IFET Nagar, GANGARAMPALAYAM,
Villupuram District, 605 108.
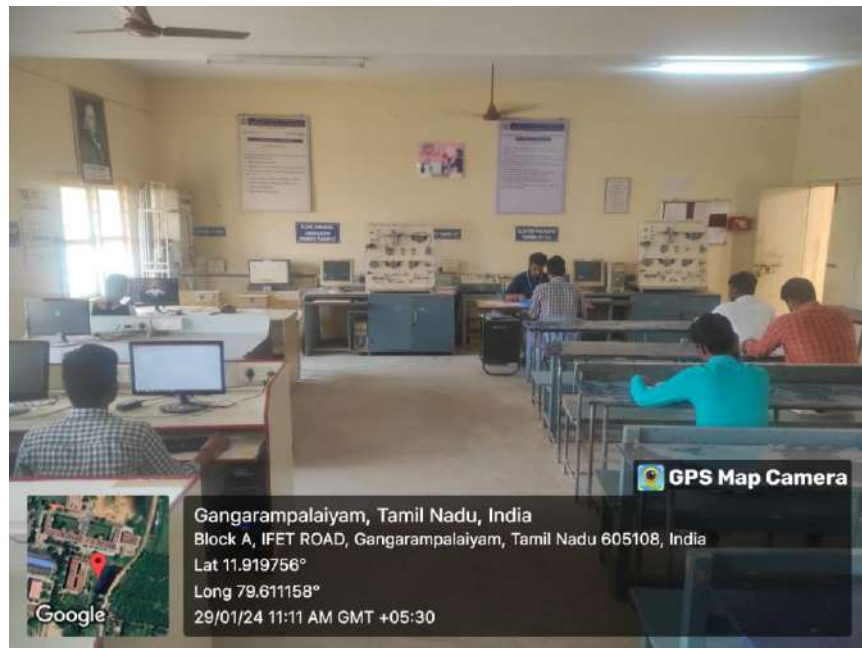
Major Computing Details:

- Data acquisition system
- PLC hydraulic trainer
- Total number of system and configuration details

| | |
|---|---|
| Processor Core I3With<br>INTEL DH 61WW Mother board<br>RAM: 4 GB DDR3 Trancent<br>HDD:500 GB SATA<br>Keyboard: Logitec Black Mouse:<br>Logitech Optical Black | 8 |

## METROLOGY AND MEASUREMENT LABORATORY



Gangarampalaiyam, Tamil Nadu, India
Block A, IFET ROAD, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.919787°
Long 79.611195°
29/01/24 11:15 AM GMT +05:30

Major Computing Details:

- Coordinate measuring machine
- Profile projector

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# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)

The ECE department has sic laboratories. The details of the laboratories and the major computing equipment details are listed below.

| S.No | Name of the Laboratory |
|------|------------------------|
| 1. | Digital Electronics and Electronic Circuits Laboratory |
| 2. | Microprocessor Laboratory |
| 3. | VLSI Laboratory |
| 4. | Networking and Digital Signal Processing Laboratory |
| 5. | Communication systems Laboratory |
| 6. | Applied Electronics Laboratory |

## DIGITAL ELECTRONICS AND ELECTRONIC CIRCUITS LABORATORY



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.920445°
Long 79.610247°
29/01/24 03:31 PM GMT +05:30

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Major Computing Details:

- Digital Storage Oscilloscope
- Cathode Ray Oscilloscope
- Function Generator
- Dual Power Supply
- LCR Q Meter

## MICROPROCESSOR LABORATORY



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.920109°
Long 79.611014°
28/02/22 12:44 PM GMT +05:30

Major Computing Details:

•8085 Microprocessor Kits

• 8086 Microprocessor Kits

• 8051 Microcontroller Kits

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- Interfacing Board (8255, 8251, 8259, 8279, ADC, DAC, FDC, 8237, Stepper Motor, Traffic Light Controller, DC Motor, Seven Segment Display)
- PC based Temperature Control System

## VLSI LABORATORY



**Major Computing Details:**

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor Dual Core @ 2.8 GHz 1MB, 800 FSB<br>With Intel 945GChipset<br>RAM:512 MB DDR<br>HDD:80GB@7200 RPM SATA<br>Logitech KeyBoard & Optial Mouse 15"<br>CRT Monitor  ATX Cabinet | 18 |

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| | |
|---|---|
| Processor  Core I3<br>With INTEL DH61WW Mother board<br>RAM: 4 GB DDR3  Trancent HDD:500 GB SATA<br>Keyboard: Logitec Black<br>Mouse: Logitech Optical Black<br>Installed Software :<br>   Windows 7 OS<br>   • Turbo C++ ,Cisco Packet Tracer<br>   • XILINX 9.1 ,Tanner 10.0<br>   • VIRT Sim ,Data Communication LAN Tranner | 14 |

•FPGA Trainer Kits (Spartan 3E-100E, 250E, 500E)
•Universal VLSI Trainer Kit (Spartan 3E-250E)
•Spartan 3E Project Card
• Laser Printer
•TANNER Software (S-Edit, L-Edit, E-Edit, W-Edit)
•Xilinx ISE series Software

## NETWORKING AND DIGITAL SIGNAL PROCESSING LABORATORY



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.920109°
Long 79.611014°
28/02/22 12:55 PM GMT +05:30

Major Computing Details:

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor Core I5 2.58 Ghz<br>With Giga byte H110 Mother board<br>RAM: 8GB DDR Trancent<br>HDD:1 TB SATA(WD)<br>Keyboard: Logitec Black Mouse:<br>Logitech Optical Black | 36 |

# COMMUNICATION SYSTEMS LABORATORY
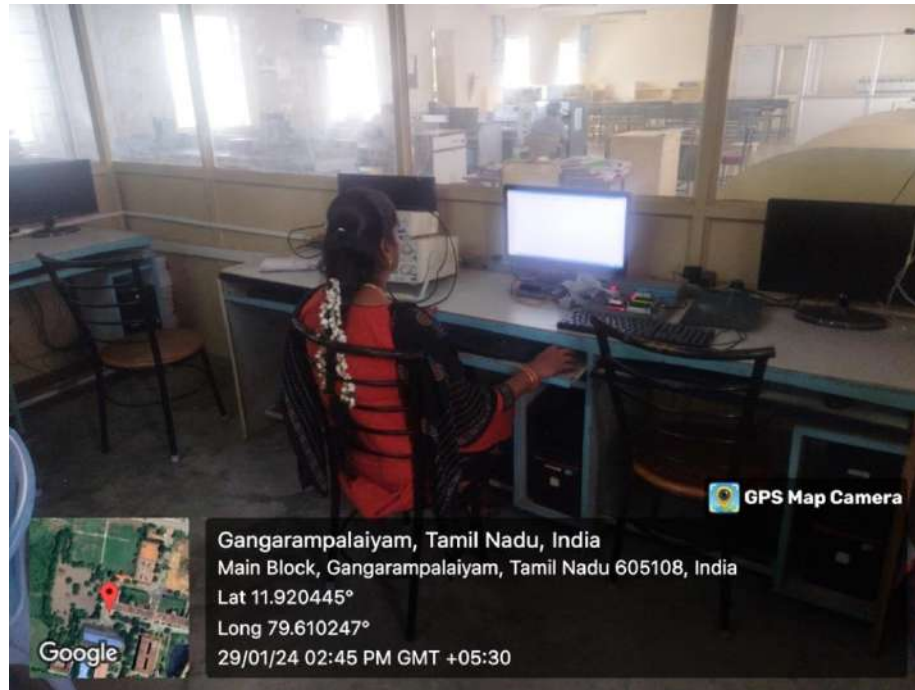


Major Computing Details:

- Spectrum Analyzer

- Digital Storage Oscilloscope

- Cathode Ray Oscilloscope

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•Function Generator

## APPLIED ELECTRONICS LABORATORY



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.920445°
Long 79.610247°
29/01/24 02:45 PM GMT +05:30

Major Computing Details:

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor Core I3 With INTEL DH61WW Mother boardRAM: 2 GB DDR3 Trancent HDD:500 GB SATA Keyboard: Logitec Black Mouse: Logitech Optical Black Ethernet:10/100 Mbps with USBport Installed Softwate :    *XILINX 9.1/12.1    * IAR Empedded Workbench    * MAtlab 7.01    * VI Debugger VSK 6713    * MP lab IDE v8.30    *PSPICE | 04 |

Dr.G. MAHENDRAN, B.E.,M.Tech.,Ph.D.
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Villupuram District, 605 108.

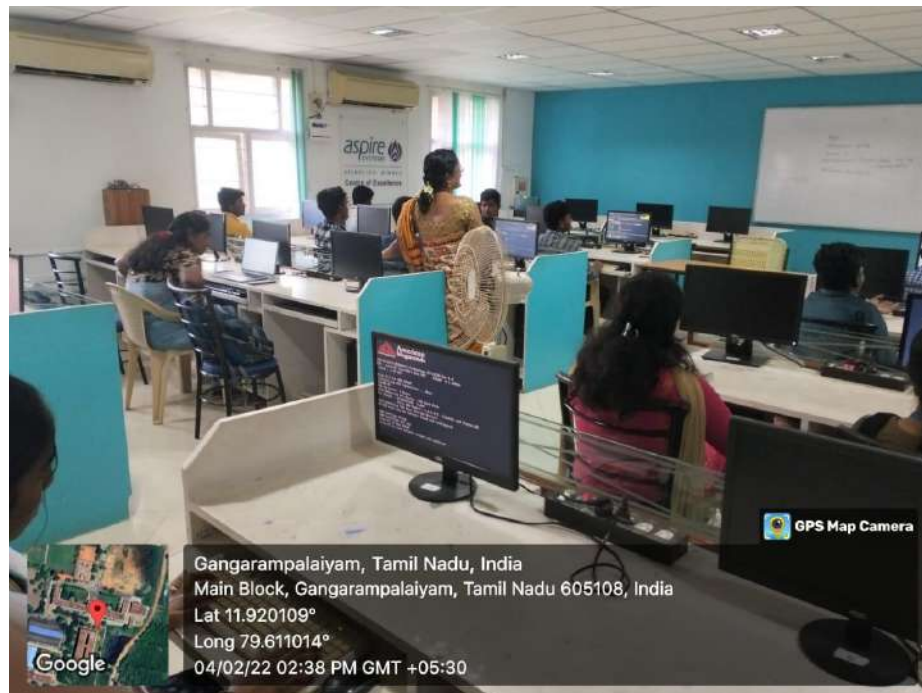- DSP Floating Point Processor Kit (VSK6713)
- Universal PIC Embedded Trainer Kit
- Frequency Synthesizer Kit

## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING (CSE)

The CSE department has five laboratories. The details of the laboratories and the major computing equipment details are listed below.

| S.No | Name of the Laboratory |
|------|------------------------|
| 1. | Software Engineering Laboratory |
| 2. | Software Development Laboratory |
| 3. | Aspire Systems Laboratory |
| 4. | Internet Programming Laboratory |
| 5. | Wipro Talentnext |

## SOFTWARE ENGINEERING LABORATORY

- Total number of system and configuration details

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor  Core I3<br>With INTEL DQ87 PG Mother board<br>RAM: 4 GB DDR3 Trancent HDD:500 GB SATA<br>Keyboard: Logitec Black Mouse: Logitech  Optical Black<br>Ethernet:10/100 Mbps with SBport<br>Installed Softwares:<br>  * Gcc Compiler<br>  * Argo UML-0.34<br>  * Python-3.6<br>  * Latex (Tex Live 2021 , Tex Studio-2.12.10) | 34 |

## SOFTWARE DEVELOPMENT LABORATORY



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu
605108, India
Lat 11.92033°
Long 79.61042°
28/04/23 02:14 PM GMT +05:30

- Total number of system and configuration details

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor Core I3 With INTEL DH61WW Mother board RAM: 8 GB DDR3 Trancent HDD:500 GB SATA DVD R/W : LG SATA Keyboard: Logitec Black Mouse: Logitech Optical Black Ethernet:10/100 Mbps with SBport Installed Softwares: *  Visual Studio 2012 *  Android Studio IDE *  Hadoop-2.7.3 * Java-1.8.0-202 *  Google Cloud *  Gcc Compiler * Latex (Tex Live 2021, Tex Studio-2.12.10) | 34 |

## ASPIRE SYSTEMS LABORATORY

- Total number of system and configuration details

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor Pentium with Core 2Duo @ 2.2GHz<br>With NVIDA mother board<br>RAM: 1 GB DDR2 RAM<br>HDD:160GB<br>Keyboard: TVS Keyboard<br>Mouse: Logitech Optical Mouse<br>Ethernet:10/100 Mbps with USBport<br>Installed Softwares:<br>  ＊ Gcc Compiler<br>  ＊ Python-3.6<br>＊ Java-1.8.0.202 | 34 |
| Processor  Core I3<br>With INTEL DH61WW Mother board<br>RAM: 4 GB DDR3  Trancent<br>HDD:500 GB SATA<br>DVD R/W : LG SATA<br>Keyboard: Logitec Black<br>Mouse: Logitech  Optical Black<br>Ethernet:10/100 Mbps with SBport | 2 |

## INTERNET PROGRAMMING LABORATORY



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu 605108, India
Lat 11.920109°
Long 79.611014°
04/02/22 02:10 PM GMT +05:30

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(An Autonomous Institution)
IFET Nagar, GANGARAMPALAYAM,
Villupuram District, 605 108.

Total number of system and configuration details

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor Pentium with Core 2Duo @ 2.93GHz<br>With INTEL DG4IRQ mother board<br>RAM: 2 GB Hynix DDR2<br>HDD:250 GB SATA<br>Keyboard: Logitec Black<br>Mouse: Logitech Optical Black<br>Installed Softwares:<br>   * Gcc Compiler , * Java 1.8.0.202<br>   * Oracle *Xampp | 34 |

## WIPRO TALENTNEXT



Gangarampalaiyam, Tamil Nadu, India
Main Block, Gangarampalaiyam, Tamil Nadu 605108, India
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- Total number of system and configuration details

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor Core I5<br>With INTEL Dh55tc Mother board<br>RAM: 16 GB DDR4 EVM HDD:250<br>GB SSD<br>DVD R/W : LG SATA<br>Keyboard: Logitec Black<br>Mouse: Logitech Optical Black<br>Installed Softwares:<br>   * Gcc Compiler<br>   * Java 1.8.0.202<br>   * Flex 2.6.4<br>   * Yacc(Bison)3.5.1 | 32 |

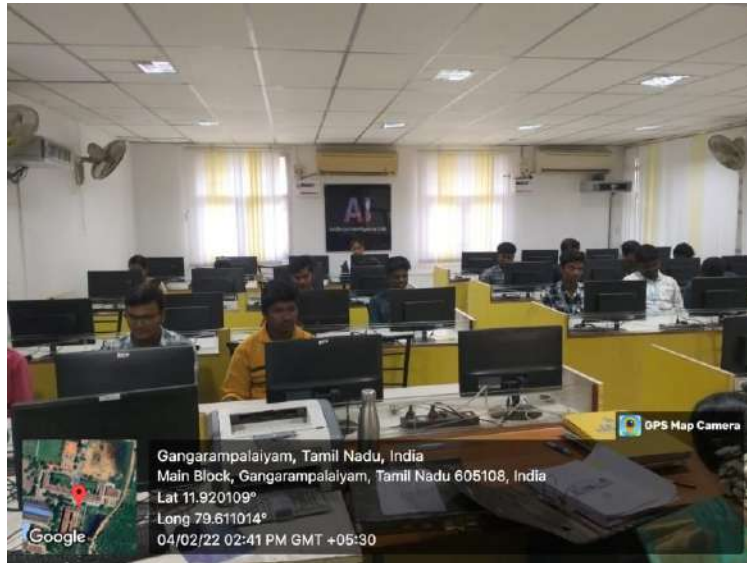## DEPARTMENT OF INFORMATION TECHNOLOGY (IT)

The IT department has two laboratories. The details of the laboratories and the major computing equipment details are listed below.

| S.No | Name of the Laboratory |
|---|---|
| 1. | Artificial Intelligence Laboratory |
| 2. | Cisco Networking Laboratory |

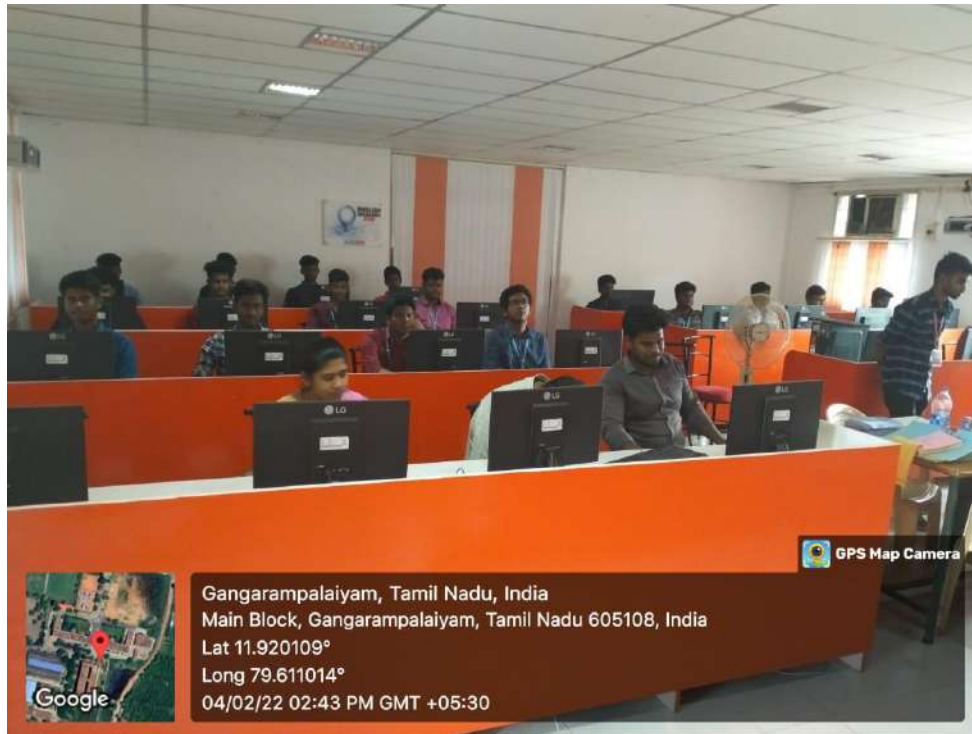- Total number of system and configuration details

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor Core I3 With INTEL DH61WW Mother board RAM: 4 GB DDR3 Trancent HDD:500 GB SATA DVD R/W : LG SATA Keyboard: Logitec Black Mouse: Logitech Optical Black | 34 |

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- Total number of system and configuration details

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor Pentium with Core 2Duo @ 2.93GHz<br>With INTEL DG4IRQ mother<br>RAM: 2 GB Hynix DDR2<br>HDD:250 GB SATA<br>Keyboard: Logitec Black Mouse:<br>Logitech  Optical Black<br>Ethernet:10/100 Mbps with USBport | 11 |

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| | |
|---|---|
| Processor  Core I3<br>With INTEL DH61WW Mother board<br>RAM: 4 GB DDR3  Trancent HDD:500<br>GB SATA<br>Keyboard: Logitec Black Mouse:<br>Logitech  Optical Black<br>Ethernet:10/100 Mbps with USBport<br>Installed Softwares:<br>    **\*** argouml-0.34 ,      \* Netbeans 13<br>    \* Java-1.8.0.202 ,    \* Python-3.6<br>    **\*** Cygwin     \* Anaconda 3<br>    **\*** Oracle-10g    \* Xampp-7.4.28<br>    **\*** Cisco Packer Tracer-8.2 | 23 |

# DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE (AI&DS)

The AI&DS department has one laboratory and the details are listed below.

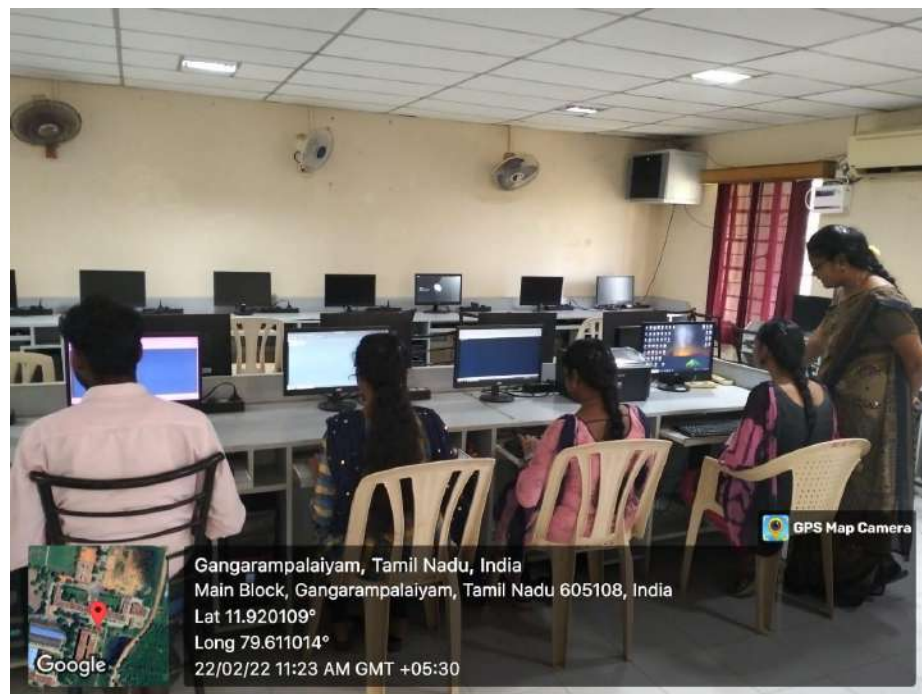| S.No | Name of the Laboratory |
|---|---|
| 1. | Multi Modal Laboratory |

## MULTI MODAL LABORATORY

- Total number of system -33

# DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (AI&ML)

The AI&ML department has one laboratory. The details are given below.

| S.No | Name of the Laboratory |
|------|------------------------|
| 1. | Machine Learning Laboratory |

## MACHINE LEARNING LABORATORY



- Total number of system and configuration details

| DESCRIPTION | NO.OF SYSTEMS |
|---|---|
| Processor  Core I3<br>With INTEL DH 61WW Mother board<br>RAM: 4 GB DDR3  Trancent HDD:500 GB SATA<br>DVD R/W : LG SATA<br>Keyboard: Logitec Black<br>Mouse: Logitech Optical Black<br>Installed Softwares:<br>  * Ansys<br>  * Gisq<br>  * Auto Card<br>  * Python<br>  *Ms Office | 33 |

## DEPARTMENT OF SCIENCE & HUMANITIES (S&H)

The S&H department has three laboratories. The details of the laboratories and the major computing equipment details are listed below.

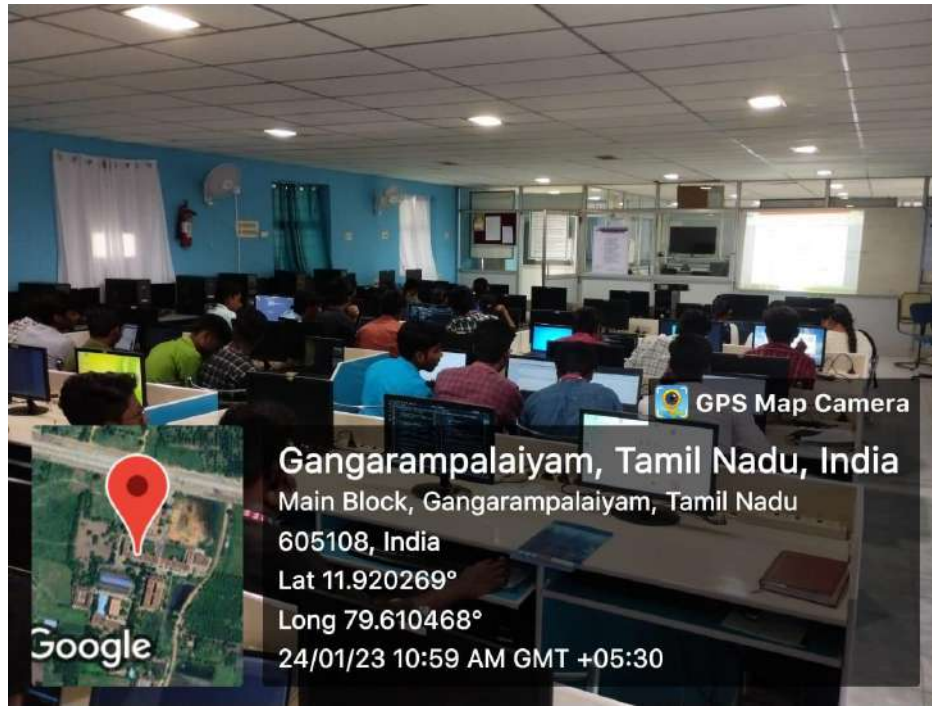| S.No | Name of the Laboratory |
|---|---|
| 1. | Physics Laboratory |
| 2. | Chemistry Laboratory |
| 3. | Communication Skills Lab |

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## CHEMISTRY LABORATORY



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| DESCRIPTION | NO.OF SYSTEMS |
| --- | --- |
| Processor Pentium with Core 2Duo @ 2.93GHz<br>With INTEL DG4IRQ mother board<br>RAM: 2 GB Hynix DDR2<br>HDD:250 GB SATA<br>Keyboard: Logitec Black<br>Mouse: Logitech Optical Black<br>Ethernet:10/100 Mbps | 18 |