



# **TIRUMALA ENGINEERING COLLEGE**

**An ISO 9001:2015 Certified Institution, Accredited by NAAC & NBA**

**( Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)**

**Jonnalagadda, Narasaraopet, Guntur Dist. - 522601 web : [www.tmecnrt.org](http://www.tmecnrt.org) Email : [tecnrt@gmail.com](mailto:tecnrt@gmail.com)**

## **List of Laboratories**

<b>S.No</b>	<b>Room No</b>	<b>Name</b>	<b>Capacity(Sq.m)</b>
<b>1</b>	<b>112</b>	<b>Computer Lab - 1A</b>	<b>75 sq.m</b>
<b>2</b>	<b>112</b>	<b>Computer Lab - 1B</b>	<b>75 sq.m</b>
<b>3</b>	<b>109</b>	<b>Computer Lab - 2A</b>	<b>100 sq.m</b>
<b>4</b>	<b>109</b>	<b>Computer Lab - 2B</b>	<b>100 sq.m</b>
<b>5</b>	<b>402 - A</b>	<b>Computer Center - 4A</b>	<b>75 sq.m</b>
<b>6</b>	<b>402 - A</b>	<b>Computer Center - 4B</b>	<b>75 sq.m</b>
<b>7</b>	<b>402 - B</b>	<b>Computer Center - 5A</b>	<b>75 sq.m</b>
<b>8</b>	<b>402 - B</b>	<b>Computer Center - 5B</b>	<b>75 sq.m</b>
<b>9</b>	<b>424</b>	<b>Project Lab</b>	<b>75 sq.m</b>



## 6.1 Adequate and well-equipped laboratories and technical manpower

In the department of Computer Science and Engineering (CSE), Tirumala Engineering College has established well-equipped laboratories with experienced technical assistants. The list of laboratories with technical staff is listed below.

S.No	Name of the Laboratory	No. of students per setup (Batch Size)	Name of the Important equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1	<b>Computer Center-1A (odd sem)</b> Object Oriented Programming through C++ Lab/ Operating Systems Lab	Batch size: 35 students per setup	1.HP 14th Gen Intel(R) Core(TM) i3- 3.7 GHz Processor 2.4 GB RAM 3.Hard Disk:1 TB 4. 18.5" HP Monitors 5.EPSON Projector H842C 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software: PUTTY,TURBO C++, RATIONAL ROSE, NOTEPAD,JDK 1.6.1,ORACLE 10g	18 hours/ 36 hours week	V. Ramana	Technical Assistant	B.Sc Computers
2	<b>Computer Center-1B (odd sem)</b> Object Oriented Programming through C++ Lab/ Operating Systems Lab	Batch size: 35 students per setup	1.HP 14th Gen Intel(R) Core(TM) i3- 3.7 GHz Processor 2.4 GB RAM 3.Hard Disk:1 TB 4. 18.5" HP Monitors 5.EPSON Projector H842C 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software: PUTTY,TURBO C++, RATIONAL ROSE, NOTEPAD,JDK 1.6.1,ORACLE 10g	18 hours/ 36 hours week	V. Ramana	Technical Assistant	B.Sc Computers

3	<b>Computer Center-2A (odd sem)</b>  Software Engineering Lab/ SOC-I (Web Application Development – Module-I)	Batch size: 35 students per setup	1.HP 14th Gen Intel(R) Core(TM) i7- 3.60 GHz Processor 2.16 GB RAM 3.Hard Disk:480GB SSD 4. 18.2” HP Monitors 5.EPSON Projector H842C 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software: PUTTY,TURBO C++, RATIONAL ROSE, NOTEPAD, Python IDLE	18 hours/ 36 hours week	O.Ankammarao	Technical Assistant	B.Tech
4	<b>Computer Center-2B (odd sem)</b>  Software Engineering Lab/ SOC-I (Web Application Development – Module-I)	Batch size: 35 students per setup	1.HP 14th Gen Intel(R) Core(TM) i7- 3.60 GHz Processor 2.16 GB RAM 3.Hard Disk:480GB SSD 4. 18.2” HP Monitors 5.EPSON Projector H842C 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software: PUTTY,TURBO C++, RATIONAL ROSE, NOTEPAD, Python IDLE	18 hours/ 36 hours week	O.Ankammarao	Technical Assistant	B.Tech
5	<b>Computer Center-4A (odd sem)</b>  Data Warehouse and Data Mining Lab/ SOC-III (Animation Design)	Batch size: 35 students per setup	1.HP 10th Gen Intel(R) Core(TM) i3- 3.60 GHz Processor 2. 8 GB RAM 3.Hard Disk:1 TB 4. 18.2” HP Monitors 5.Infocus Projector NI220i 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software:Weka,ANACONDA, TURBO C++, MONGO DB	18 hours/ 36 hours week	B.Naga Lakshmi	Technical Assistant	B.Sc Computers

6	<b>Computer Center-4B (odd sem)</b>  Data Warehouse and Data Mining Lab/ SOC-III (Animation Design)	Batch size: 35 students per setup	1.HP 10th Gen Intel(R) Core(TM) i3- 3.60 GHz Processor 2. 8 GB RAM 3.Hard Disk:1 TB 4. 18.2” HP Monitors 5.Infocus Projector NI220i 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software:Weka,ANACONDA, TURBO C++, MONGO DB	18 hours/ 36 hours week	B.Naga Lakshmi	Technical Assistant	B.Sc Computers
7	<b>Computer Center-5A (odd sem)</b> Computer Networks Lab/ SO: (Mean Stack Technologies Module-II)	Batch size: 35 students per setup	1.HP 12th Gen Intel(R) Core(TM) i5- 3.00 GHz Processor 2.16 GB RAM 3.512 GB SSD 4. 20” HP Monitors 5.Infocus Projector NI220i 6.D-Link:73 100 Mbps 7.UPS 20 KVA 8.Software:TURBO C++,VISUAL STUDIO, Notepad	18 hours/ 36 hours week	Sk.Munvar	Technical Assistant	B.Sc Computers
8	<b>Computer Center-5B (odd sem)</b> Computer Networks Lab/ SO: (Mean Stack Technologies Module-II)	Batch size: 35 students per setup	1.HP 12th Gen Intel(R) Core(TM) i5- 3.00 GHz Processor 2.16 GB RAM 3.512 GB SSD 4. 20” HP Monitors 5.Infocus Projector NI220i 6.D-Link:73 100 Mbps 7.UPS 20 KVA 8.Software:TURBO C++,VISUAL STUDIO, Notepad	18 hours/ 36 hours week	Sk.Munvar	Technical Assistant	B.Sc Computers

9	<b>Computer Center-1A (even sem)</b> Java Programming Lab/ Database Management Systems Lab	Batch size: 35 students per setup	1.HP 14th Gen Intel(R) Core(TM) i3- 3.7 GHz Processor 2.4 GB RAM 3.Hard Disk:1 TB 4. 18.5” HP Monitors 5.EPSON Projector H842C 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software: PUTTY,TURBO C++, RATIONAL ROSE, NOTEPAD,JDK 1.6.1,ORACLE 10g	18 hours/ 36 hours week	V. Ramana	Technical Assistant	B.Sc Computers
10	<b>Computer Center-1B (even sem)</b> Java Programming Lab/ Database Management Systems Lab	Batch size: 35 students per setup	1.HP 14th Gen Intel(R) Core(TM) i3- 3.7 GHz Processor 2.4 GB RAM 3.Hard Disk:1 TB 4. 18.5” HP Monitors 5.EPSON Projector H842C 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software: PUTTY,TURBO C++, RATIONAL ROSE, NOTEPAD,JDK 1.6.1,ORACLE 10g	18 hours/ 36 hours week	V. Ramana	Technical Assistant	B.Sc Computers
11	<b>Computer Center-2A (even sem)</b> R Programming Lab/ SOC-II (Web Application Development – Module-II)	Batch size: 35 students per setup	1.HP 14thGen Intel(R) Core(TM) i7- 3.60 GHz Processor 2.16 GB RAM 3.Hard Disk:480GB SSD 4. 18.2” HP Monitors 5.EPSON Projector H842C 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software:JDK 1.6.1, ORACLE 10G, RSTUDIO, NOTEPAD, Python IDLE	18 hours/ 36 hours week	O.Ankammarao	Technical Assistant	B.Tech

12	<b>Computer Center-2B (even sem)</b>  R Programming Lab/ SOC-II (Web Application Development – Module-II)	Batch size: 35 students per setup	1.HP 14thGen Intel(R) Core(TM) i7- 3.60 GHz Processor 2.16 GB RAM 3.Hard Disk:480GB SSD 4. 18.2” HP Monitors 5.EPSON Projector H842C 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software:JDK 1.6.1, ORACLE 10G, RSTUDIO, NOTEPAD, Python IDLE	18 hours/ 36 hours week	O.Ankammarao	Technical Assistant	B.Tech
13	<b>Computer Center-4A (even sem)</b>  Machine Learning Lab/ Compiler Design Lab	Batch size: 35 students per setup	1.HP 10th Gen Intel(R) Core(TM) i3- 3.60 GHz Processor 2.8 GB RAM 3.Hard Disk:1 TB 4. 18.2” HP Monitors 5.Infocus Projector NI220i 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software:ANACONDA-JUPITER, PUTTY	18 hours/ 36 hours week	B.Naga Lakshmi	Technical Assistant	B.Sc Computers
14	<b>Computer Center-4B (even sem)</b>  Machine Learning Lab/ Compiler Design Lab	Batch size: 35 students per setup	1.HP 10th Gen Intel(R) Core(TM) i3- 3.60 GHz Processor 2.8 GB RAM 3.Hard Disk:1 TB 4. 18.2” HP Monitors 5.Infocus Projector NI220i 6.D-Link:73Links 100 Mbps 7.UPS 16KVA 8.Software:ANACONDA-JUPITER, PUTTY	18 hours/ 36 hours week	B.Naga Lakshmi	Technical Assistant	B.Sc Computers
15	<b>Computer Center-5A (even sem)</b>  Cryptography Network Security Lab/ SOC-IV (Mean Stack Technologies Module-I)	Batch size: 35 students per setup	1.HP 12th Gen Intel(R) Core(TM) i5- 3.00 GHz Processor 2.16 GB RAM 3.512 GB SSD 4. 20” HP Monitors 5.Infocus Projector NI220i 6.D-Link:73 100 Mbps 7.UPS 20 KVA 8.Software:TURBO C++,JDK 1.7.0, NOTEPAD	18 hours/ 36 hours week	Sk.Munvar	Technical Assistant	B.Sc Computers

16	<b>Computer Center-5B (even sem)</b>  Cryptography Network Security Lab/ SOC-IV (Mean Stack Technologies Module-I)	Batch size: 35 students per setup	1.HP 12th Gen Intel(R) Core(TM) i5- 3.00 GHz Processor 2.16 GB RAM 3.512 GB SSD 4. 20" HP Monitors 5.Infocus Projector NI220i 6.D-Link:73 100 Mbps 7.UPS 20 KVA 8.Software:TURBO C++,JDK 1.7.0, NOTEPAD	18 hours/ 36 hours week	Sk.Munvar	Technical Assistant	B.Sc Computers
17	Project Laboratory	Batch size: 70 students per setup	Laptops With Required Softwares	30 hours/ 36 hours week	N. Jayalakhmi	Technical Assistant	B.Tech



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Jonnalagadda, Narasaraopet, Guntur Dist. - 522601 web : [www.tmecnrt.org](http://www.tmecnrt.org) Email : [tecirt@gmail.com](mailto:tecirt@gmail.com)

## Adequate number of rooms for lectures core/electives), seminars, tutorials, etc., for the program

In the department of Computer Science and Engineering (CSE), Tirumala Engineering College has established an adequate number of rooms for lectures (core/electives), seminars, tutorials, etc., for the program. The list of class rooms with facilities is listed below.

List of Class Rooms				
Room Description	Usage	Shared/ Exclusive	Capacity	Rooms equipped with PC, Internet, Bookrack, Meetingspace, etc.
Lecture Hall (401)	Class Room for II CSE - A	Exclusive	99.36 sq. m	Green Board, Dias, Internet
Lecture Hall (404)	Class Room for II CSE - B	Exclusive	99.36 sq. m	Green Board, Dias, Internet
Lecture Hall (405)	Class Room for II CSE - C	Exclusive	99.36 sq. m	Green Board, Dias, Internet
Lecture Hall (406)	Class Room for II CSE - D	Exclusive	99.36 sq. m	Interactive Board, Green Board, Dias, Internet
Lecture Hall (409)	Class Room for III CSE - A	Exclusive	99.36 sq. m	Green Board, Dias, Internet.
Lecture Hall (410)	Class Room for III CSE - B	Exclusive	99.36 sq. m	Interactive Board, Green Board, Dias, Internet.
Lecture Hall (413)	Class Room for III CSE - C	Exclusive	99.36 sq. m	Green Board, Dias, Internet.



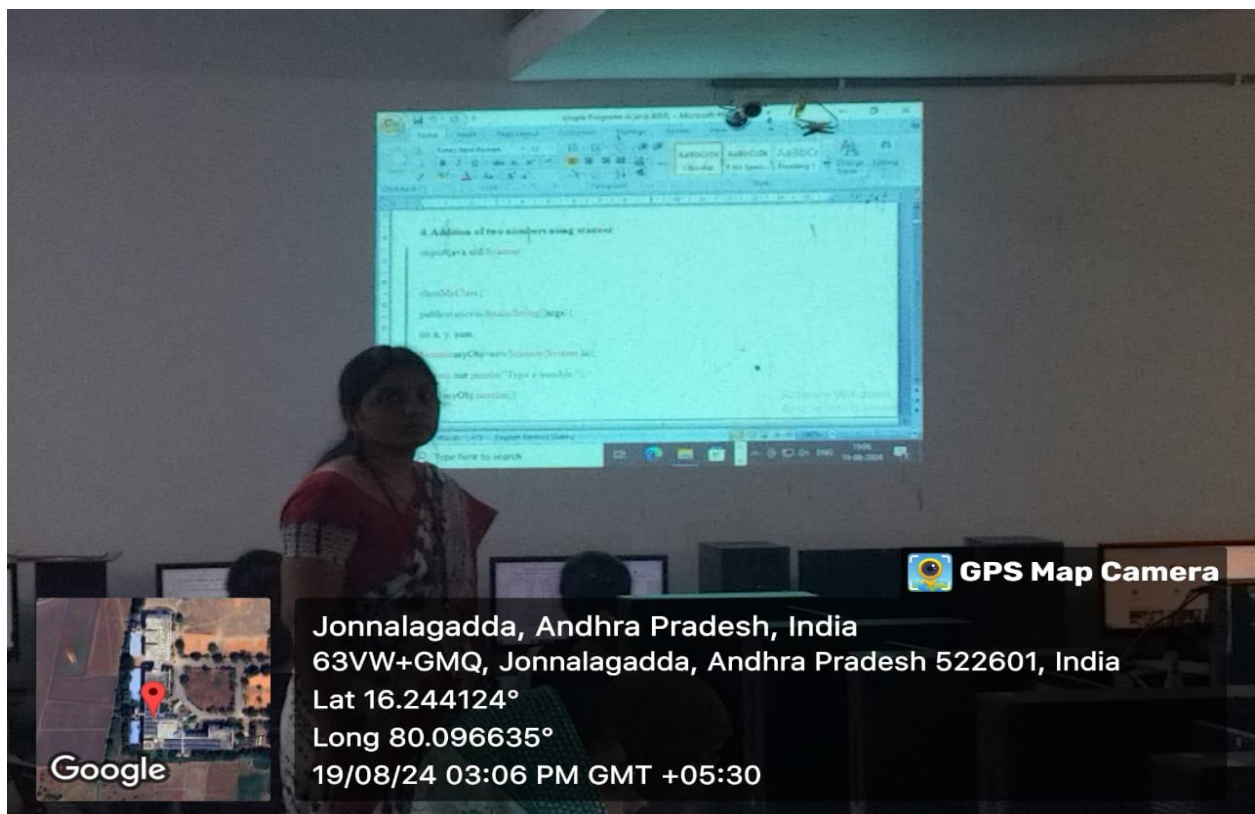
Lecture Hall (414)	Class Room for IV CSE - A	Exclusive	99.36 sq. m	Green Board, Dias, Internet.
Lecture Hall (417)	Class Room for IV CSE - B	Exclusive	99.36 sq. m	Green Board, Dias, Internet.
Lecture Hall (418)	Class Room for IV CSE - C	Exclusive	99.36 sq. m	Green Board, Dias, Internet.
Lecture Hall (420)	Tutorial Room-I	Exclusive	99.36 sq. m	Green Board, Dias, Internet.
Lecture Hall (425)	E-class Room	Exclusive	200 sq. m	Interactive Board, Green Board, Dias, Internet, Audio System.

### List of Faculty Rooms

426	HOD Chamber	Exclusive	50 sq. m	Furniture, PC/Laptop, Printer, Book Rack, Scanner.
411	FacultyRoom - I	Exclusive	150 sq. m	Each Cabin consists of Faculty Chairs and Tables with one computer with Internet and a Printing Facility
419	Faculty Room - II	Exclusive	50 sq. m	Book Rack, One PCwith Internet Facility, Tables and chairs
421	Faculty Room-III	Exclusive	50 sq. m	Books Rack, One PC with Internet Facility, Tables and chairs
427	Faculty Room-IV	Exclusive	50 sq. m	One PC with Internet Facility, Tablesand chairs
403	Faculty Room - V	Exclusive	50 sq. m	3 Cabins, One PC with Internet Facility, Tables and chairs

Department Conference Halls				
412	Department Conference Hall	Exclusive	50 sq. m	Furniture, Internet, Multimedia Projector, Laptop, Audio System, White Board, Book Racks.
115	Seminar Hall	Exclusive	600 sq. m	Podium, LCD Projectors, Air-conditioned, 350-Seating Capacity, Audio System.
Department Activities Rooms				
Room No: 408	Girls Waiting Hall	Exclusive	50 sq. m	BED, First Aid Kit.
Room No: 411 - A	Department Library	Exclusive	50 sq. m	Text Books, Reference books, Competitive Books, previous project books
Room No: 317	SERVER ROOM	Exclusive	50 sq. m	SERVER
Room 220	Dispensary	Exclusive	99.36 sq. m	Three beds, First aid kit, basic medicine, saline Stand

# Computer Center – 1





## Computer Center – 1 (Lab – 1)



## Computer Center – 1 (Lab – 2)

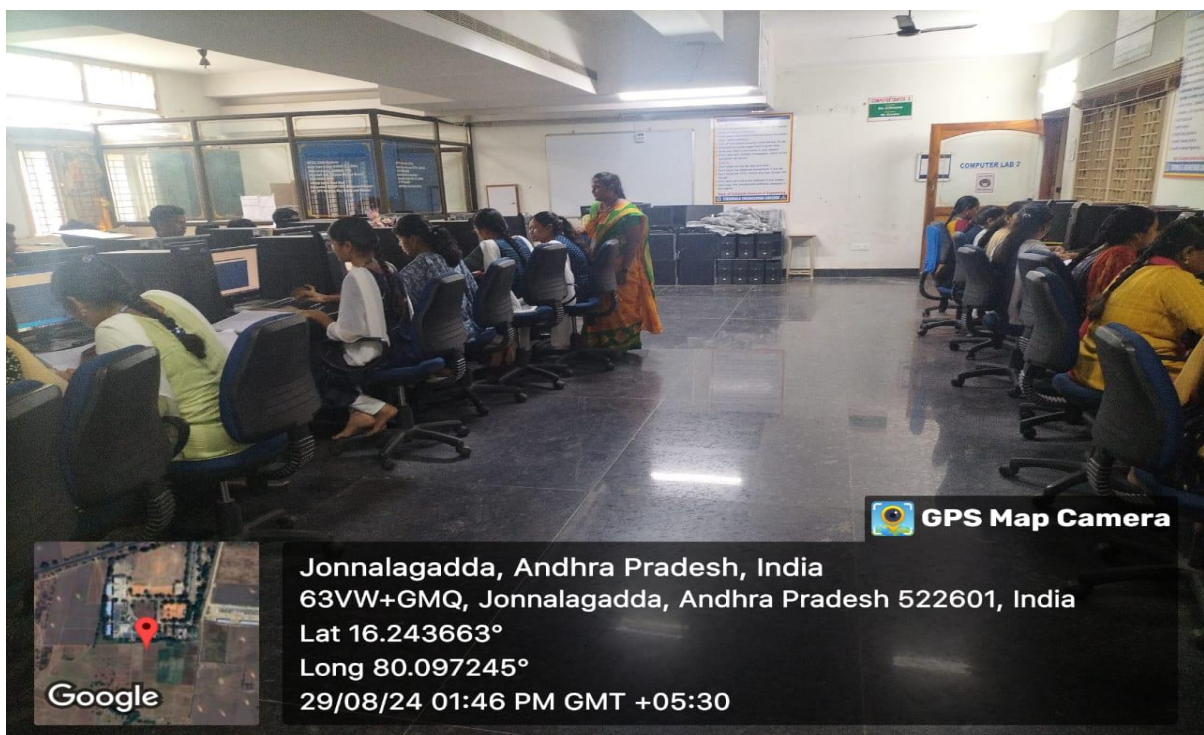




## Computer Center – 2



## Computer Center – 2 (Lab – 1)





## Computer Center – 2 (Lab – 2)



## Do's and Don'ts in Computer Center – 2





## Safety Measures in Computer Center – 2



## Computer Center - 4





## Computer Center – 4(Lab-1)



## Computer Center – 4(Lab-2)





## Do's and Don'ts in Computer Center – 4

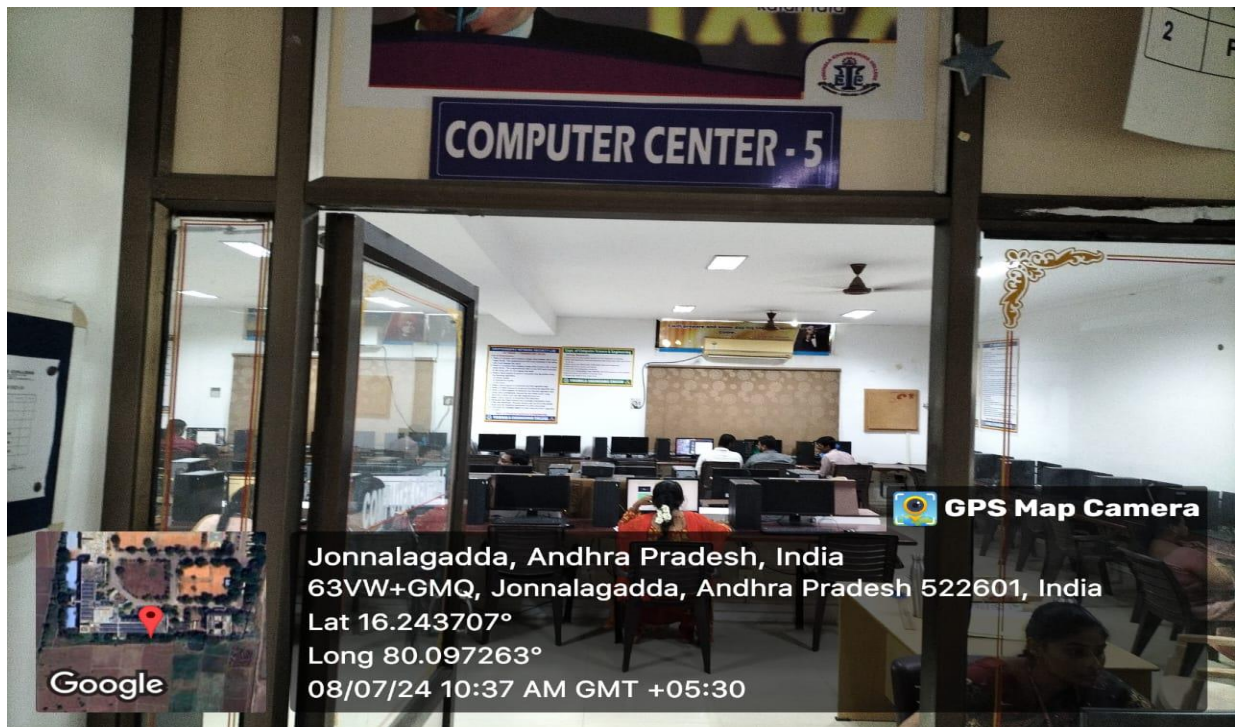


## Safety Measures in Computer Center – 4

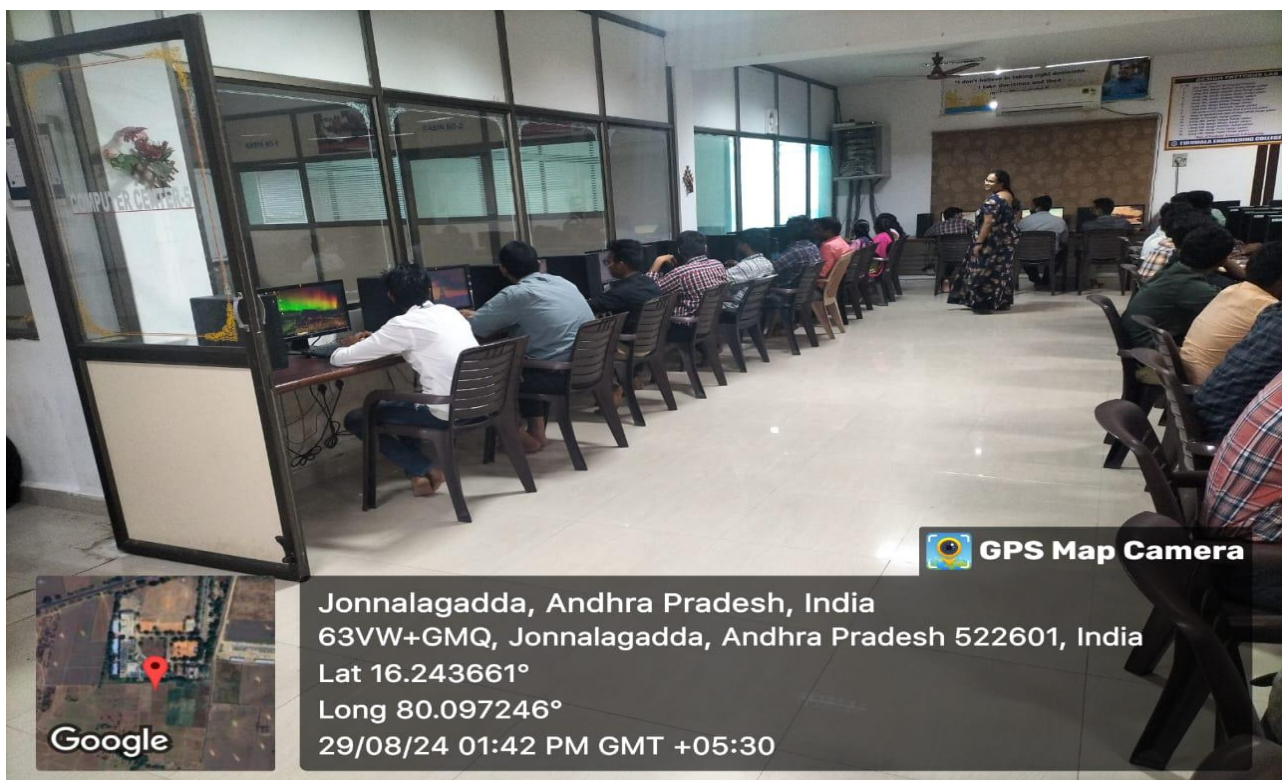




## Computer Center - 5



## Computer Center – 5(Lab-1)





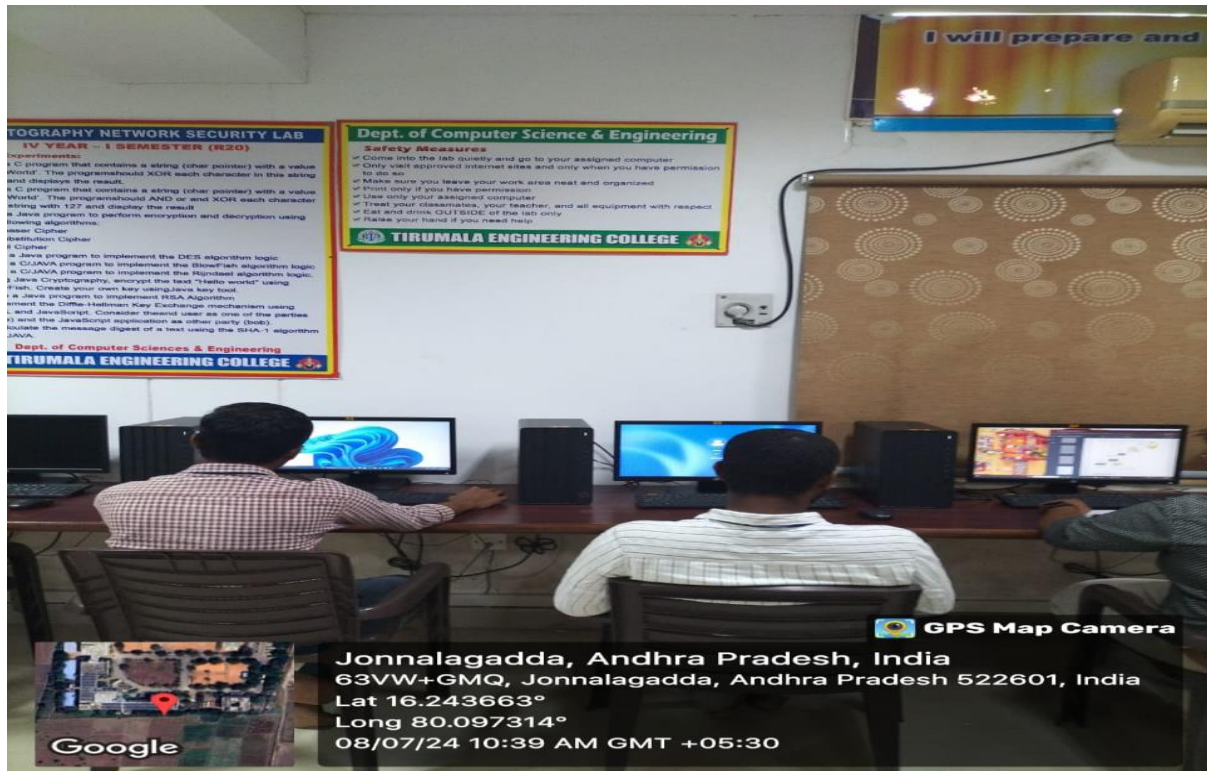
## Computer Center – 5(Lab-2)



## Do's and Don'ts in Computer Center – 5



## Safety Measures in Computer Center – 5



## Project Lab





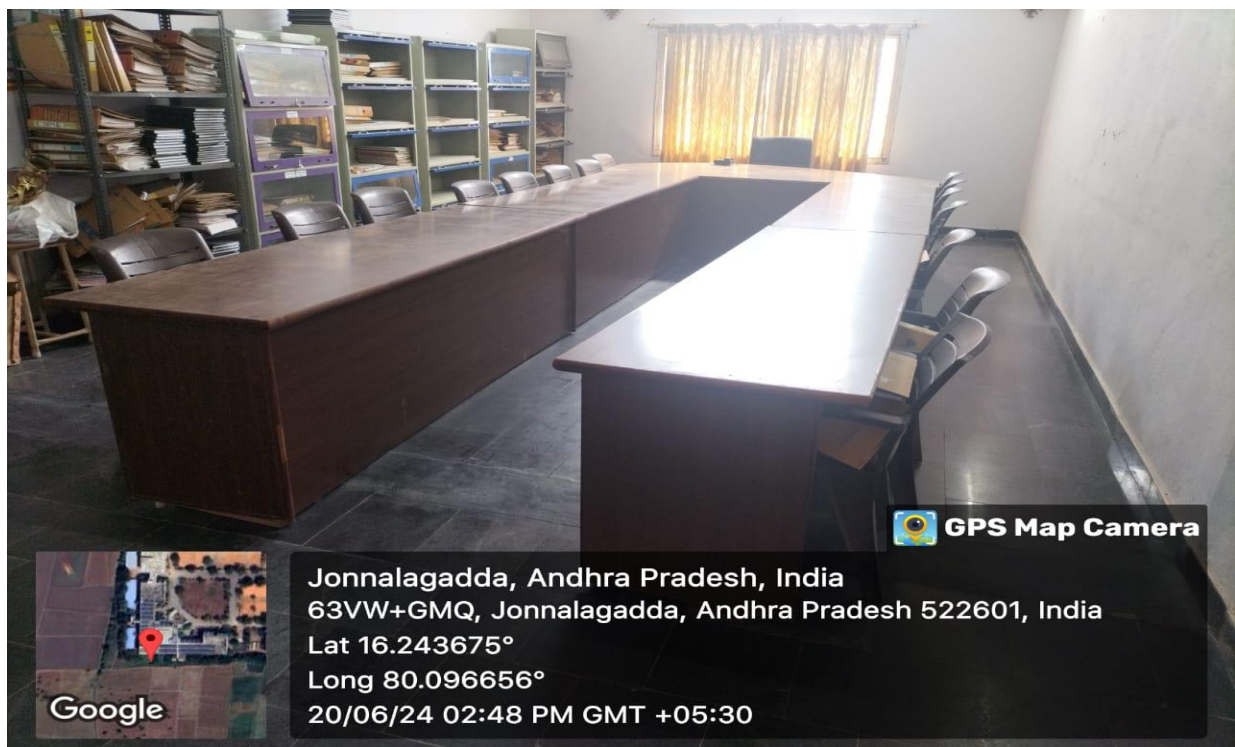


**ROOM NO 426 Head of Computer Science & Engineering Department**



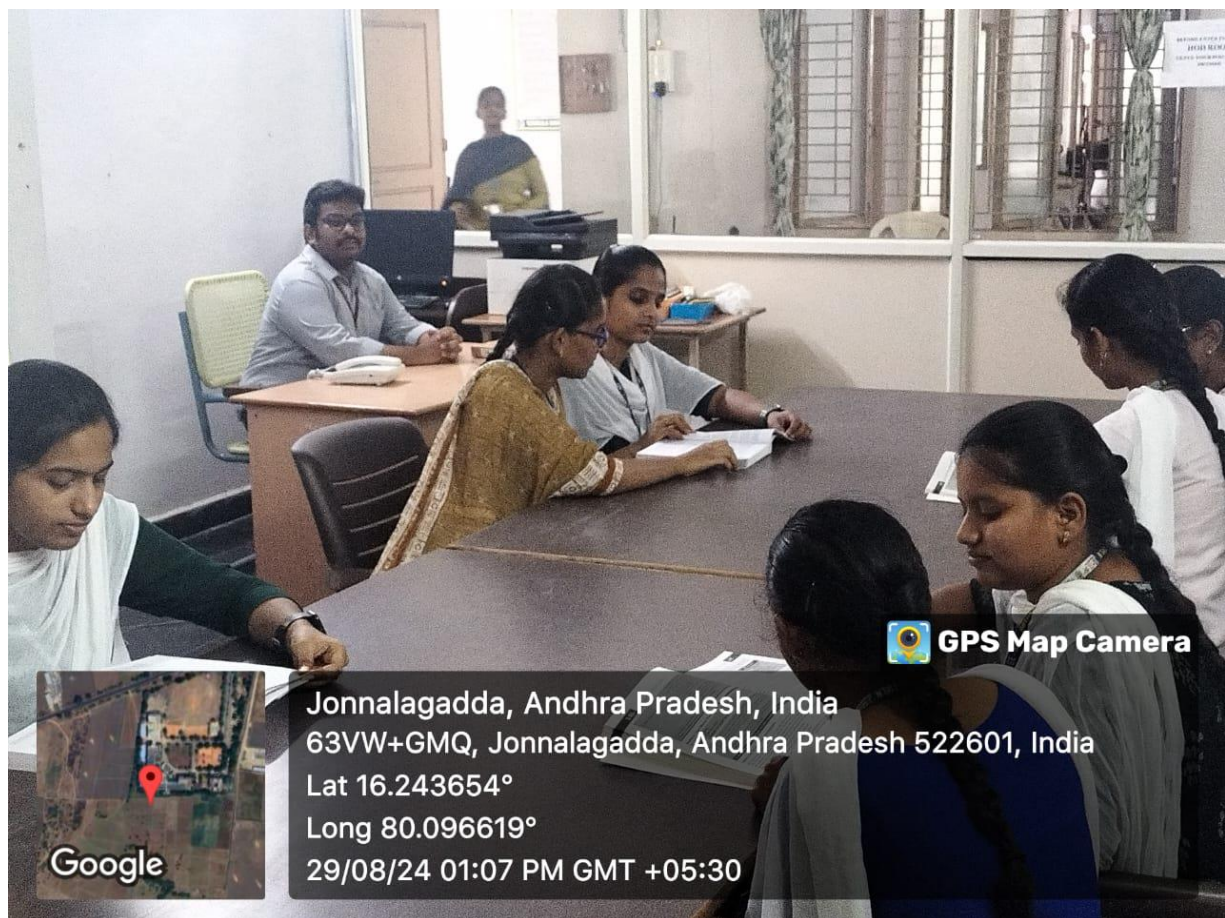


## ROOM NO-412 CONFERENCE ROOM





## Department Library








 GPS Map Camera


Jonnalagadda, Andhra Pradesh, India  
63VW+GMQ, Jonnalagadda, Andhra Pradesh 522601, India  
Lat 16.243654°  
Long 80.096619°  
29/08/24 01:06 PM GMT +05:30

 Google



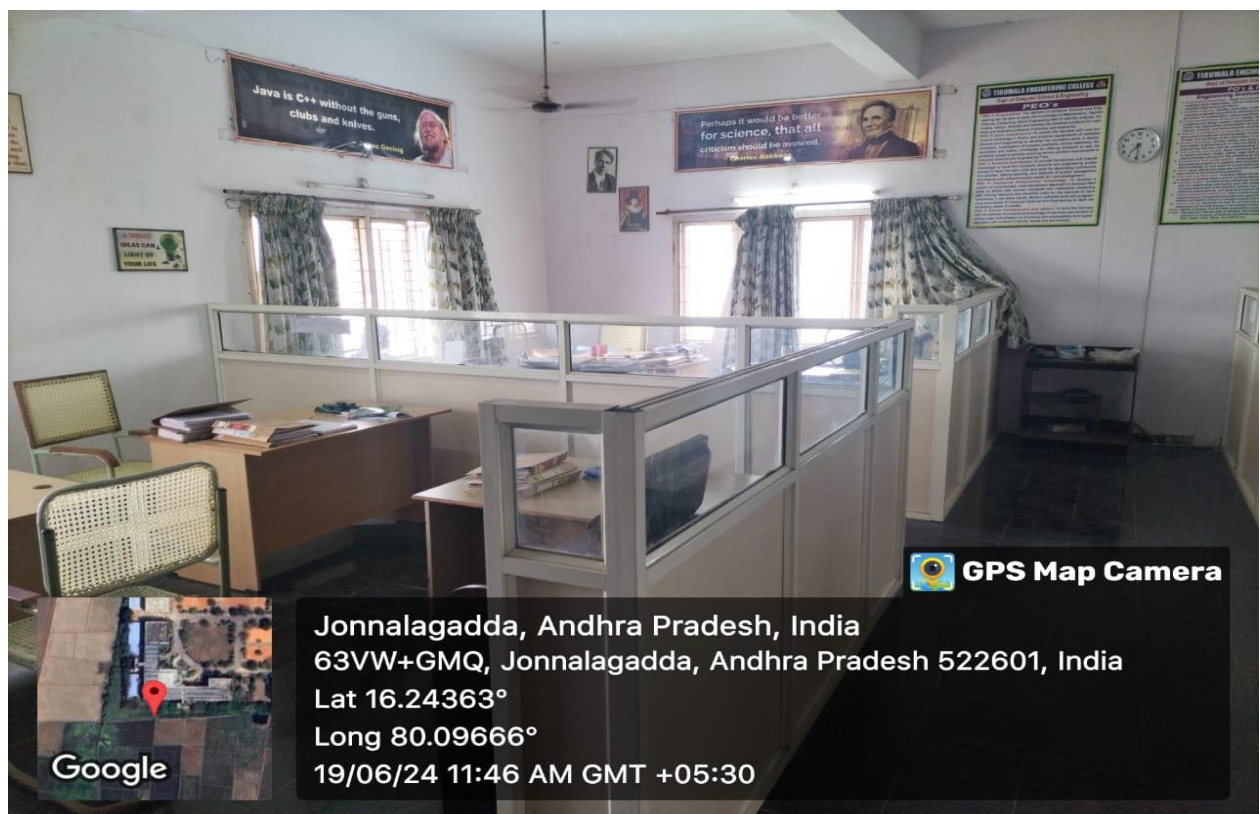
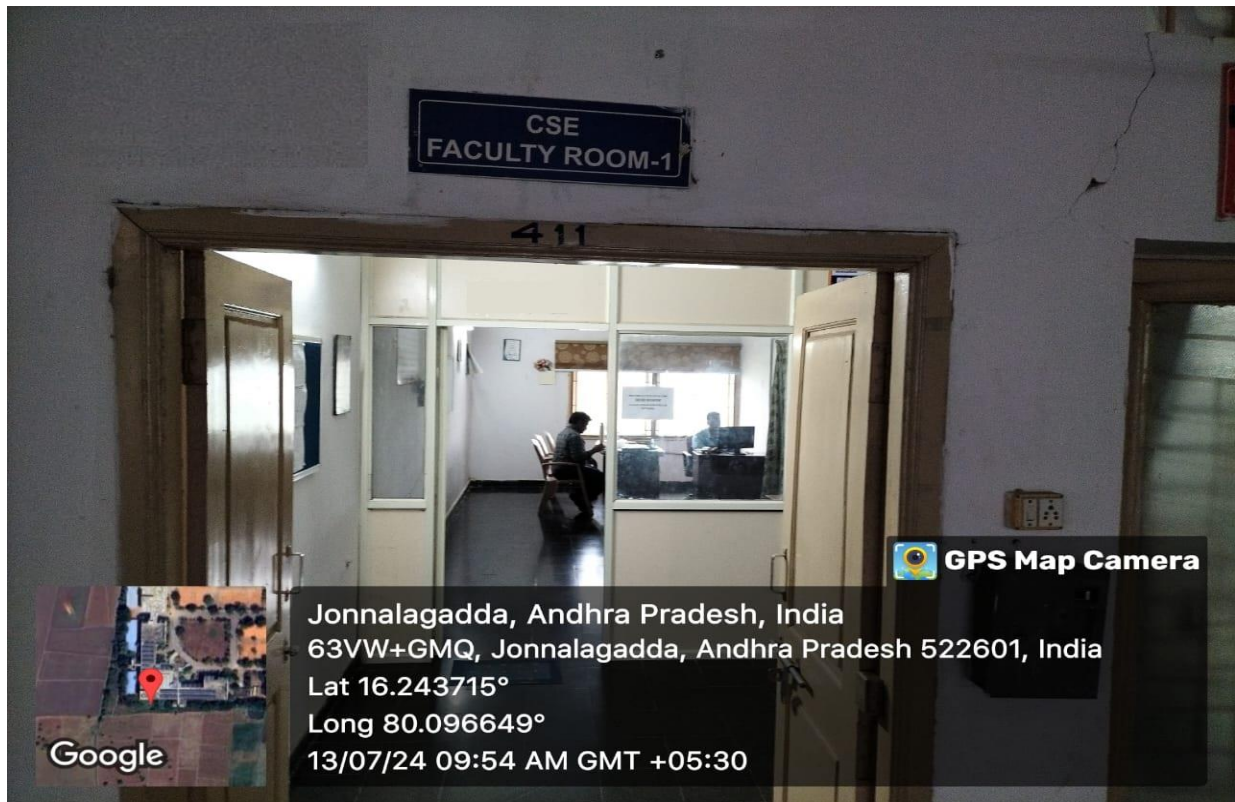
 GPS Map Camera

Jonnalagadda, Andhra Pradesh, India  
63VW+GMQ, Jonnalagadda, Andhra Pradesh 522601, India  
Lat 16.243654°  
Long 80.096618°  
29/08/24 01:06 PM GMT +05:30

 Google



## Faculty Room-I







## Faculty Room-II



### ROOM NO 401 CLASS ROOM (II CSE-A)



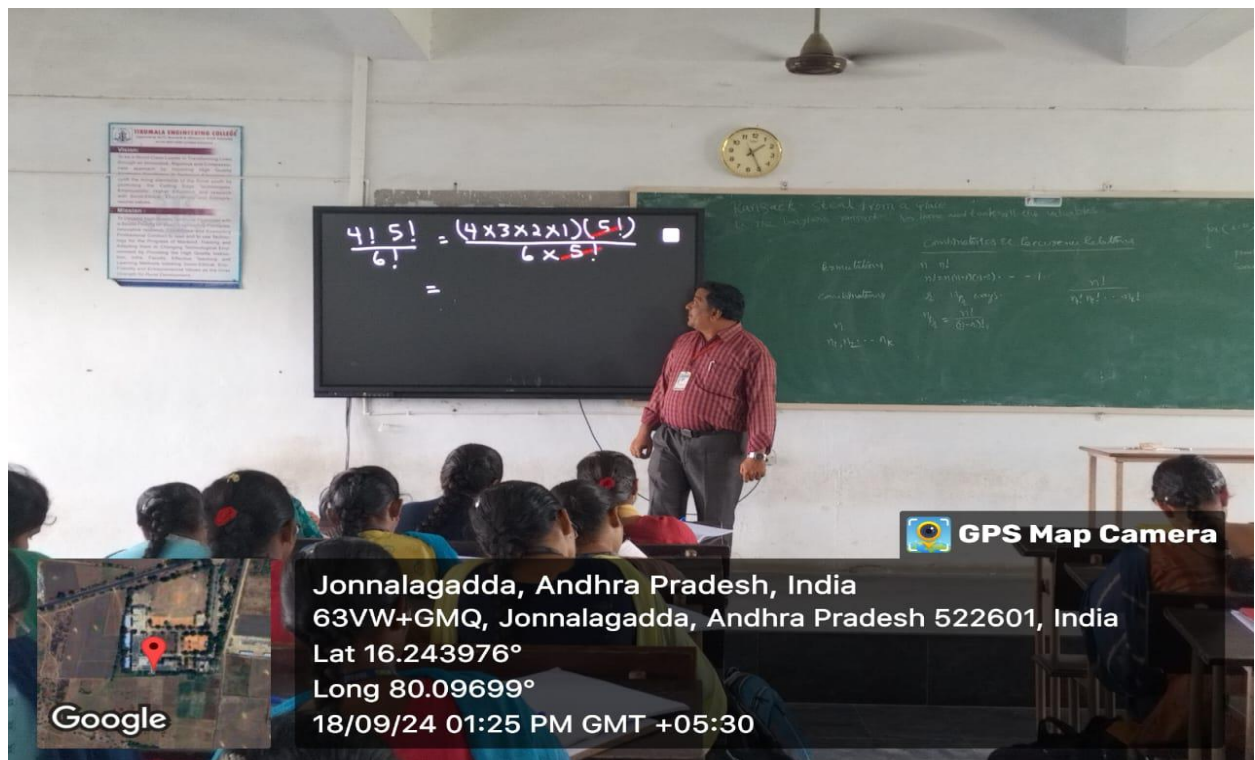
### ROOM NO 404 CLASS ROOM (II CSE-B)



## ROOM NO 405 CLASS ROOM (II CSE-C)



## ROOM NO 406 CLASS ROOM (II CSE-D)

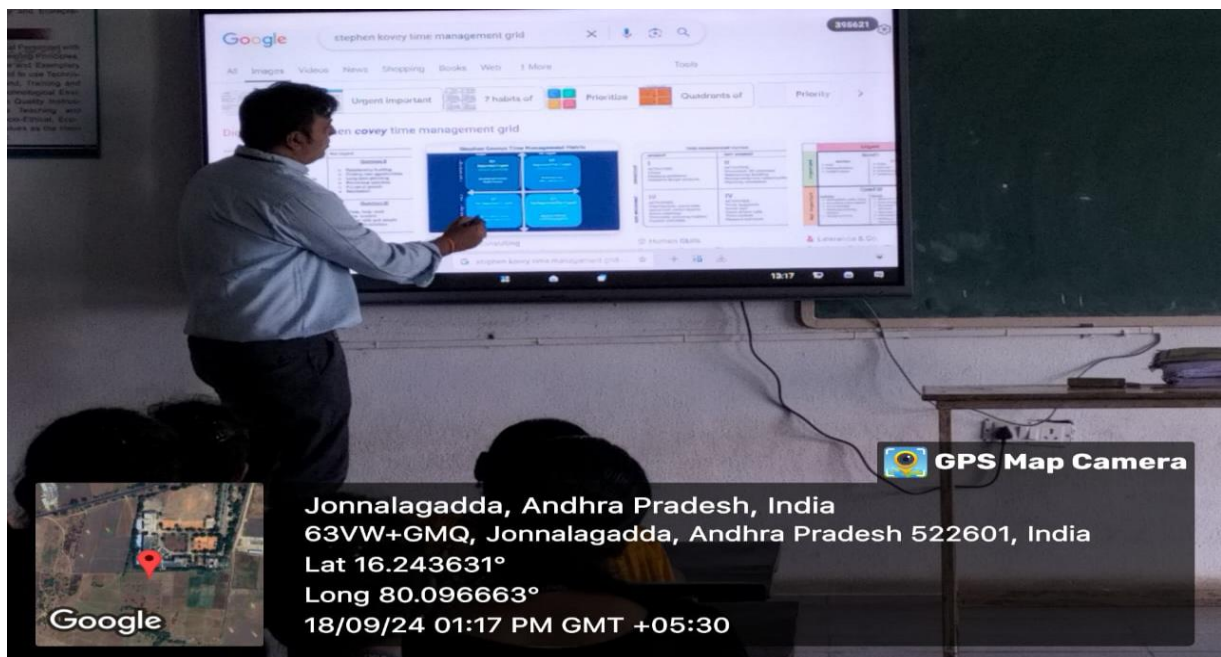




### ROOM NO 409 CLASS ROOM (III CSE- A)



### ROOM NO 410 CLASS ROOM (III CSE- B)



**ROOM NO 413 CLASS ROOM (III CSE- C)**



**ROOM NO-115 Seminar Hall**





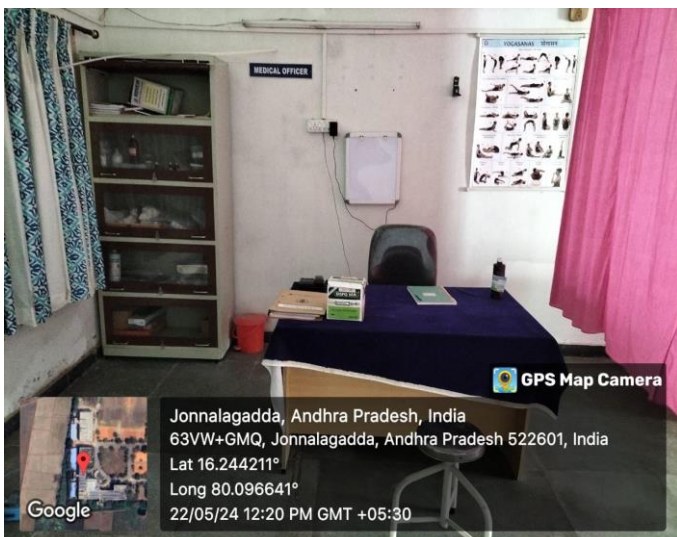
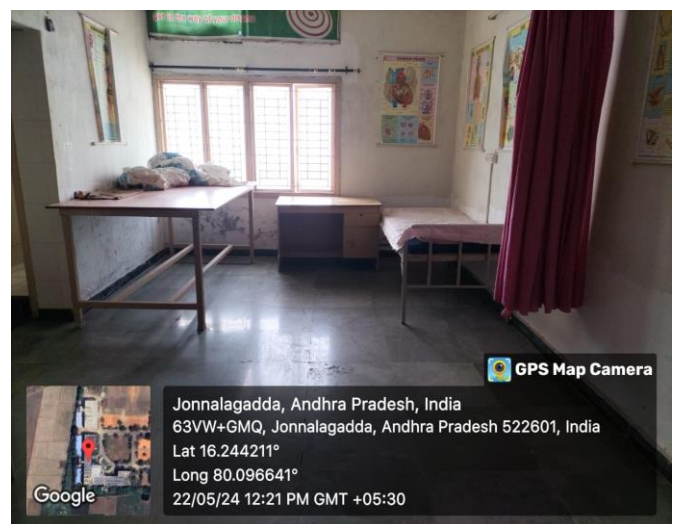
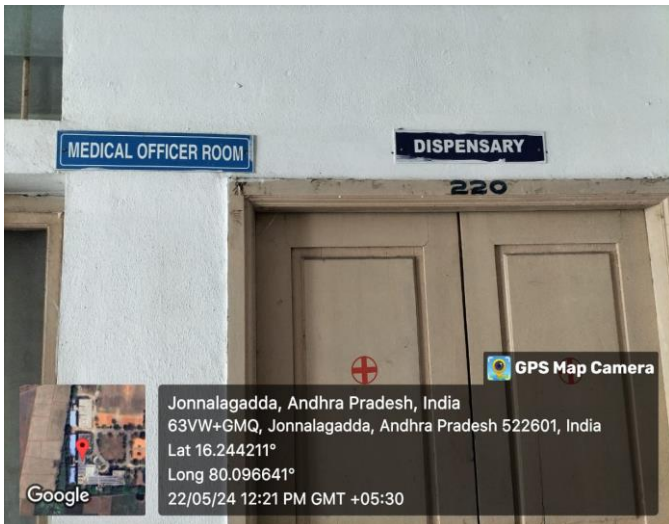




## Room No: 408 Girls Waiting Hall



## Room No: 220 Dispensary Room





## Room No: 317 Server Room

