St. Mary's Group of Institutions Guntur

(Formerly St.Mary's Engineering College, St.Mary's P.G. Centre & St.Mary's College of Pharmacy)
(Approved by AICTE & PCI, Permitted by Govt. of A.P., Affiliated to JNTUK & SBTET)
Chebrolu (Village & Mandal), Guntur (Dt.) - 522 212, A.P., INDIA. Website : www.stmarysguntur.com
Phone : 08644-254477, 88, Mobile : 9030235630, 96667 77091, 99483 99402, 99514 28677, Fax : 040-66809093

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institute has developed IT facilities to meet the learning requirements of students and faculty. Some of the facilities are discussed below

Number of systems with individual configurations

- Desktop (Intel i3 processor with 4-8GB RAM and500GB Hard disk.
- Dual Core and core 2duo, P4 Processor with 2GB RAM and 250 GB to 500 GB HDD)
- Total number of systems- 856
- **Dedicated computing facilities**
- Internet in All Computer Labs
- Wi-Fi in Hostels
- LCD Projectors
- Audio Visual Class rooms

LAN facility

- One network across the campus and access internet/intranet resources under Uniform network policy
- STMARYS has Wi-Fi facility for students and faculty members to avail internet connection in the campus, hostel & staff Rooms.
- Internet bandwidth - Greater than 1Gbps

Particulars	Number
LAN SWITCHES-24	32
LAN SWICHES-16 PORT	02
LAN SWICHES-8 PORT	03
LAN SWICHES-4 PORT	02
TP LINK WAN BRIDGE	1
FORTINET FIREWALL	1
LASER PRINTER	40
XEROX MACHINE	5

Software's Available

S NO	NAME OF THE SOFTWARE	LICENSE
1	MS WINDOW DESKTOP	COMMERCIAL
2	MS WINDOW SERVER 2003	COMMERCIAL
3	MS WINDOW 7	COMMERCIAL
4	MS WINDOW 2012 SERVER	COMMERCIAL
5	MS OFFICE 2010	COMMERCIAL

PRINCIPAL
St. Mary's Group of Institutions Guntur
CHEBROLU (V&M), Guntur (Dt.)

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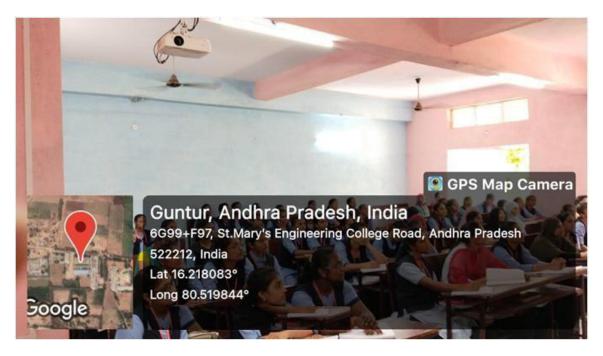| 6	GLOBRENA	COMMERCIAL
7	TURBO C	COMMERCIAL
8	TURBO C++	COMMERCIAL
9	WINZIP	COMMERCIAL
10	WINRAR	COMMERCIAL
11	MS VISUAL STUDIO PROFESSIONAL	COMMERCIAL
12	REDHAT LINUX 7.3	COMMERCIAL
13	ORACLE 10G	COMMERCIAL
14	EDITPLUS	COMMERCIAL
15	MS SQL SERVER	COMMERCIAL
16	XILINX ISE DESIGN SUIT	COMMERCIAL
17	VHDL (XILINX6,MODELSIM)	COMMERCIAL
18	MATLAB(simlink, fuzzy logic, Image processing,Neural networks,Signal processing)	COMMERCIAL
19	PSPICE CADENCE	COMMERCIAL
20	AUTO CIVIL	COMMERCIAL
21	BRICS CAD	COMMERCIAL
22	LABVIEW	COMMERCIAL
23	ARCGIS	COMMERCIAL
24	OPEN SOURCE	COMMERCIAL
25	TASM,MASM	OPEN SOURCE
26	PSCAD	OPEN SOURCE
27	LATEX	OPEN SOURCE
28	FEDORA 14 WITH GC G++JAVA,MYSQL,PLSQL	OPEN SOURCE
29	J2EE,J2ME	OPEN SOURCE
30	VISUAL PARADIM	OPEN SOURCE
31	KICAD INSTEAD OF AUTO CARD	OPEN SOURCE

Bandwidth of internet connection in the institution

- BSNL – 100 mbps Connectivity with Unlimited data
- E-Net - 40 mbps

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Guntur, Andhra Pradesh, India
St Mary's college Road, 6G9C+2QP, Andhra Pradesh 522212, India
Lat 16.217192°
Long 80.521697°

LCD PROJECTOR

LCD PROJECTOR

Guntur, Andhra Pradesh, India
6G99+F97, St.Mary's Engineering College Road, Andhra Pradesh
522212, India
Lat 16.218083°
Long 80.519844°

PRINTER

Guntur, Andhra Pradesh, India
6G99+F97, St.Mary's Engineering College Road, Andhra Pradesh
522212, India
Lat 16.2177°
Long 80.520956°

PRINTER SCANNER & COMPUTER SYSTEM

![St. Mary's Group of Institutions Guntur logo] **St. Mary's Group of Institutions Guntur**
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UNINTERRUPTED POWER SUPPLY

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CSE LABS OF ALL YEARS FOR 2020-2021

1ST SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	Software Architecture& Design Patterns Lab	IV/I	R16
2	Web Technologies Lab	IV/I	R16
3	Unified Modeling Lab	III/I	R16
4	Operating System & Linux Programming Lab	III/I	R16
5	Database Management System Lab	III/I	R16
6	Python Programming Lab	II/I	R19
7	Data Structures through C++ Lab	II/I	R19
8	Computer Engineering Workshop	I/I	R20
9	English Communication Skills Laboratory	I/I	R20
10	Applied Chemistry Lab	I/I	R20
11	Programming for Problem Solving using C Lab	I/I	R20

2ND SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	Network Programming Lab	III/II	R16
2	Software Testing Lab	III/II	R16
3	Data Warehousing and Mining Lab	III/II	R16
4	Java Programming Lab	II/II	R19
5	UNIX Operating System Lab	II/II	R19
6	Database Management Systems Lab	II/II	R20
7	Applied Physics Lab	I/II	R20
8	Python Programming Lab	I/II	R20
9	Data Structures Lab	I/II	R20

CE LABS OF ALL YEARS FOR 2020-2021

1ST SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	GIS & CAD Lab	IV/I	R16
2	Irrigation Design & Drawing	IV/I	R16
3	Concrete Technology Lab	III/I	R16
4	Geology Lab	III/I	R16
5	Transportation Engineering Lab	III/I	R16
6	Strength of Materials Lab	II/I	R19
7	Surveying Field Work – I	II/I	R19

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2ND SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	Geotechnical Engineering Lab	III/II	R16
2	Environmental Engineering Lab	III/II	R16
3	Computer Aided Engineering Lab	III/II	R16
4	Engineering Geology Lab	II/II	R19
5	Transportation Engineering Lab	II/II	R19

ME LABS OF ALL YEARS FOR 2020-2021

1ST SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	CAD/CAM Lab	IV/I	R16
2	Mechatronics Lab	IV/I	R16
3	Theory of Machines Lab	III/I	R16
4	Machine Tools Lab	III/I	R16
5	Thermal Engineering Lab	III/I	R16
6	Metallurgy & Mechanics of Solids Lab	II/I	R19
7	Production Technology Lab	II/I	R19

2ND SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATION
1	Heat Transfer Lab	III/II	R16
2	Metrology & Instrumentation Lab	III/II	R16
3	Computational Fluid Dynamics Lab	III/II	R16
4	Fluid Mechanics & Hydraulic Machines Lab	II/II	R19
5	Machine Tools Lab	II/II	R19

ECE LABS OF ALL YEARS FOR 2020-2021

1ST SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATIONS
1	Microwave Engineering and Optical Lab	IV/I	R16
2	Digital Signal Processing	IV/I	R16
3	Pulse and Digital Circuit Lab	III/I	R16
4	L IC Applications Lab	III/I	R16
5	DICA Lab	III/I	R16
6	Electronic Devices and Circuits - Lab	II/I	R19
7	Switching Theory and Logic Design - Lab	II/I	R19

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2ND SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATIONS
1	Microprocessors and Microcontrollers Lab	III/II	R16
2	VLSI Lab	III/II	R16
3	Digital Communications Lab	III/II	R16
4	Electronic Circuit Analysis - Lab	II/II	R19
5	Analog Communications - Lab	II/II	R19

EEE LABS OF ALL YEARS FOR 2020-2021

1ST SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATIONS
1	Electrical Simulation Laboratory	IV/I	R16
2	Power Systems & Simulation Laboratory	IV/I	R16
3	Electrical Machines-II Laboratory	III/I	R16
4	Control Systems Laboratory	III/I	R16
5	Electrical Measurements Laboratory	III/I	R16
6	Thermal and Hydro Laboratory	II/I	R19
7	Electrical Circuits Laboratory	II/I	R19

2ND SEMESTER LABS

SNO	LAB NAME	YEAR/SEM	REGULATIONS
1	Power Electronics Laboratory	III/II	R16
2	Microprocessors & Microcontrollers Laboratory	III/II	R16
3	Data Structures Laboratory	III/II	R16
4	Electrical Machines -I Laboratory	II/II	R19
5	Electronic Devices & Circuits Laboratory	II/II	R19

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