



Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE),
INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
“Approved by the D.T.E., M.S. Mumbai”

Ph +918669638081/82
Website- www.ssgmce.ac.in

Email. principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

Key Indicator 4.1 - Physical Facilities

Metric No	Assessment Indicators	Evidences
4.1.1	The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.	Photographs of Class Rooms
		Photographs of Laboratories




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.



CLASS ROOMS

(Classrooms Equipped with ICT Enabled Facilities like LCD Projectors, Computers with Internet Connectivity, Multimedia Systems, Centralized PA System, etc)

SN	Class Room Name.	Department	Size in Sq meter
1.1	A1	Electrical Engineering	84.13
	A2		82.66
	A3		78.28
	A4		78.28
1.2	B1	Computer Science and Engineering	84.13
	B3		82.66
	B5		78.28
	B6		78.28
1.3	B2	Information Technology	95.31
	B4		95.31
	B7		95.31
1.4	C1	Electronics and Telecommunication Engineering	84.13
	C2		82.66
	C3		78.28
	C4		78.28
1.5	D1	Applied Science and Humanities	84.13
	D2		82.66
	D3		78.28
	D4		78.28
	D5		95.31
1.6	E1	Mechanical Engineering	84.13
	E2		82.66
	E3		78.28
	E4		78.28
1.7	CR1	Master of Business and Administration	78.28
	CR2		78.28
	SR		77.16





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

Class Room: A1



Class Room: A2





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

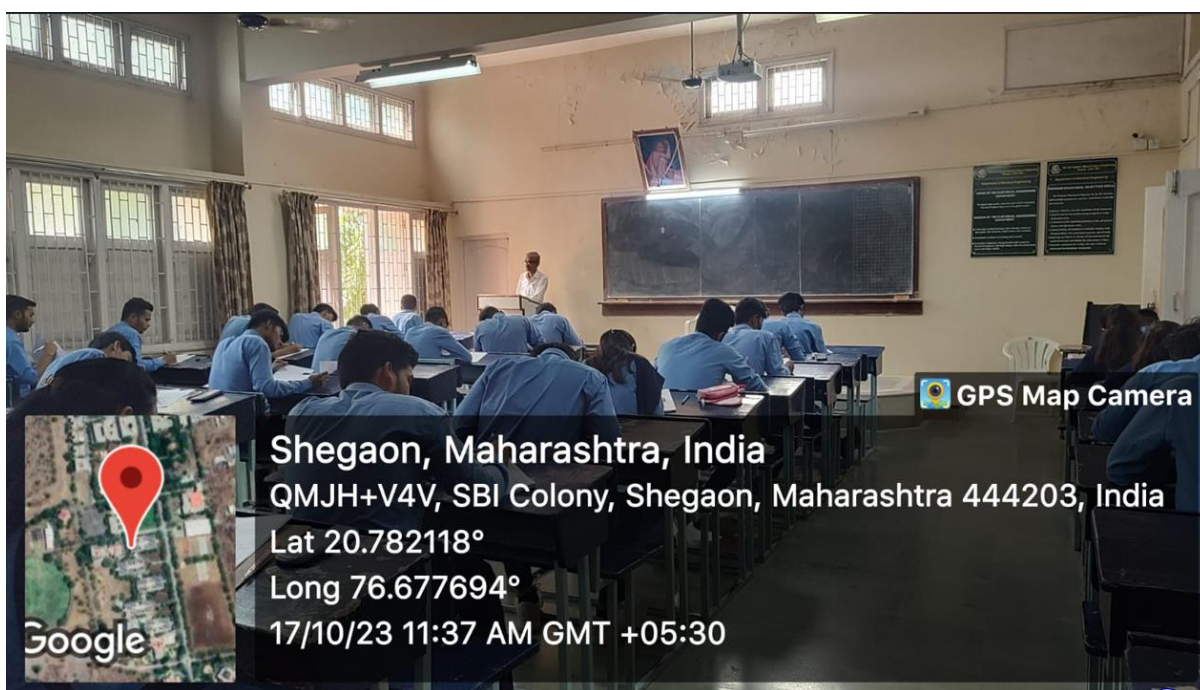
Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: A3



Class Room: A4



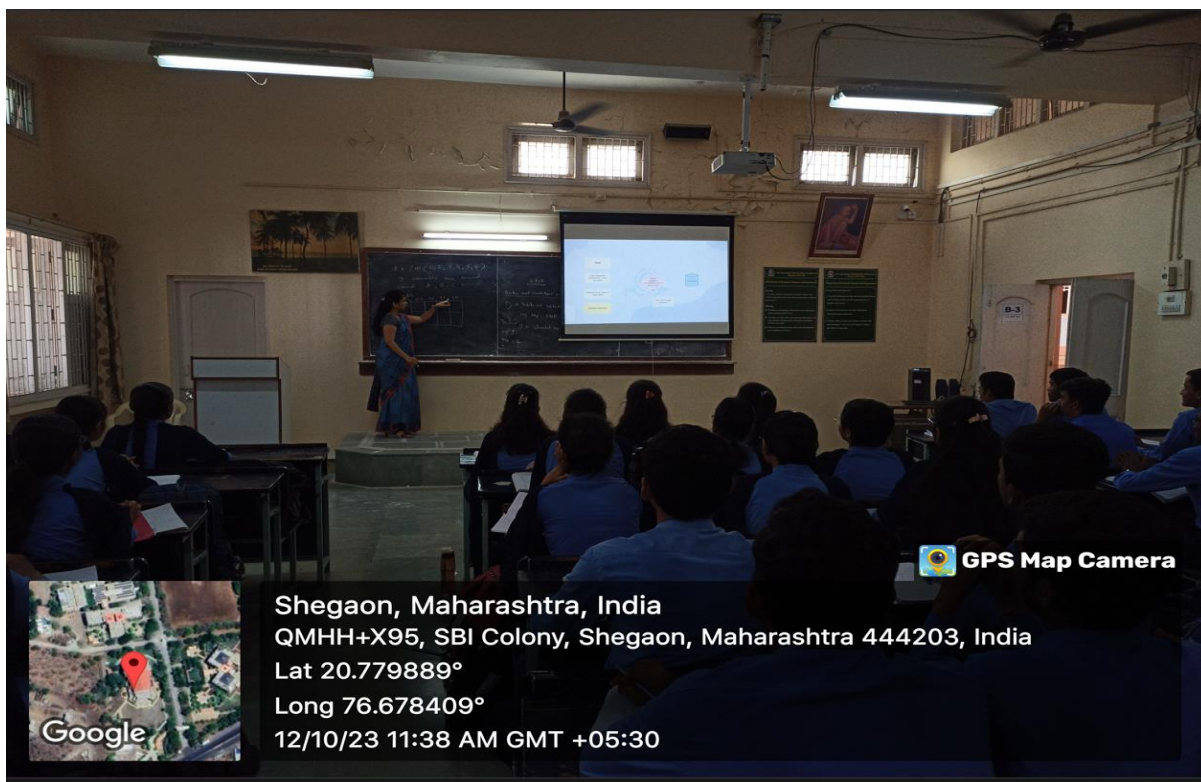


Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: B1



Class Room: B2





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: B3



Class Room: B4





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

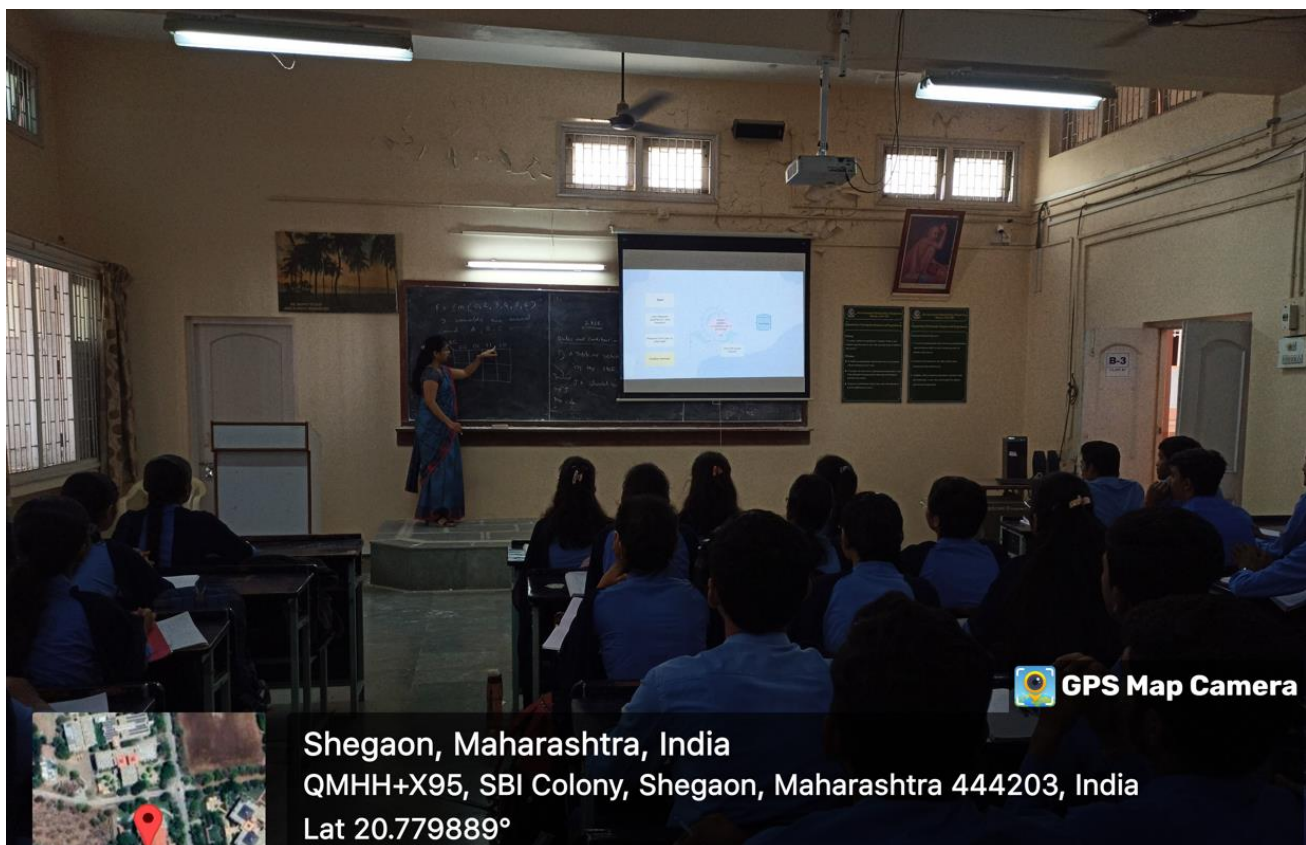
Ph : +918669638081/82

Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

Class Room: B5



 GPS Map Camera

Shegaon, Maharashtra, India

QMHH+X95, SBI Colony, Shegaon, Maharashtra 444203, India

Lat 20.779889°





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: B6



Room No: B7





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: C1



Class Room: C2





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: C3





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: C4



Class Room: D1





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: D2



Class Room: D3





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: D4



Class Room: D5





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: E1



Class Room: E2





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: E3



Class Room: E4





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

Class Room: MBA1



Class Room: MBA2





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

Class Room: MBA3





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

2. LABORATORIES

Sr. No.	Department	Link
2.1	Electrical Engineering	Click Here
2.2	Computer Sci & Engineering	Click Here
2.3	Information Technology	Click Here
2.4	Electronics & Tele Comm Engg	Click Here
2.5	Applied Science & Humanities	Click Here
2.6	Mechanical Engineering	Click Here

[Back](#)





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
 “Approved by the D.T.E., M.S. Mumbai”

Ph : +918669638081/82
 Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in
registrar@ssgmce.ac.in

2.1 Department of Electrical Engineering

Sr. No.	Name of the Laboratory	Size (Sq. Mtrs .)	Major Equipment available in Laboratory
2.1.1	Electrical Machines Laboratory	168	1. D.C. Motor Generator Set. 2. DSO 3. Motor-3 Ph. Alternator Set with Synchronising Panel 4. Rectifier 5. Single Ph. & 3-Ph Induction Motor 6. Special Motors 7. 3-Ph A.C. Drive
2.1.2	Switchgear and Protection Laboratory	101.08	1. Demonstration Units of Static Relay 2. Electromagnetic Relay Panels. 3. Microprocessor Base Motor Protection Panel Automated Distribution Network Panel. 5. Oil Circuit Breaker
2.1.3	High Voltage Laboratory	67.38	1. 100 KV Ac Testing Set 2 100 KV Dc Testing Set 3 60 KV Oil Testing Kit 4 Vertical Sphere Gap 5 Impulse Tester
2.1.4	Control System Laboratory	101.08	1. DC Motor Generator Set 2. DC Servo Motor 3. 3 Phase Slip Ring I.M. 4. DSO 5. Stepper Motor 6. Position Control Set.
2.1.5	Electrical Measurement Laboratory	67.38	1. A.C. / D.C Measurement Bridges. 2. Three Phase Induction Motor 3. Stroboscope 4. LCR Meter
2.1.6	Basic Electrical Engineering Laboratory	67.388	1. Single & 3 Ph. Auto Transformer. 2. Basic Theorem Verification Setup. 3. Resistive Load Bank 4. Single Phase & 3-Ph Transformer. 5. D.C. Regulated Power Supply
2.1.7	Computer Laboratory	100	1. Completing Facilities 2. Printers, Scanner 3. PSCAD Software.





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
 “Approved by the D.T.E., M.S. Mumbai”

Ph : +918669638081/82

Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in

registrar@ssgmce.ac.in

2.1.8	Microprocessor & Microcontroller Laboratory		1.8085 ,8086 Microprocessor Kits & Peripherals
2.1.9	Project Laboratory	15	1.3-Ph Transformer 2. DSO 3 N I Data Acquisition 4. C.R.O.
2.1.10	PLC & Factory automation Laboratory	101.08	1. Automation Training Kit and Socket Tray. , Simulation Setup for Plc., HMI Servo Mechanism 2. Modular PLC Training Kit
2.1.11	Power Quality Laboratory	30	1. Power Quality Analyser. 2. Load Manager 3. Mix Signal Oscilloscope 4. Dso, Relay Testing Kit 5. Ad Link Card
2.1.12	Electrical Power Research Laboratory	55	1. NJ-CRIO 2. D- Space kit 3. Advantech DAC/DSO/Currents & Voltage Sensor.
2.1.13	Centre of excellence in Electrical Vehicle	375	1. Cut Models of Various Motors. 2. Motor Controllers 3. Deviation Model for Experimentation
2.1.14	Solar Research Centre	55	1. PV cell Testing machine 2. PV cell cutting Machine 3. PV Module Lamination machine 4. Curing Oven 5. Sun Simulator 6. Compressor 7. Thermocutter 8. Battery heat Scal Machine 9. Battery charger 10. Battery Punching Machine 11. Etching Machine 12. Tinning Machine 13. Oven 14. Drilling Machine 15. Expose Machine 16. PCB Cutting Machine 17. QC Table 18. Brushing Machine 19. Welding Machine





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

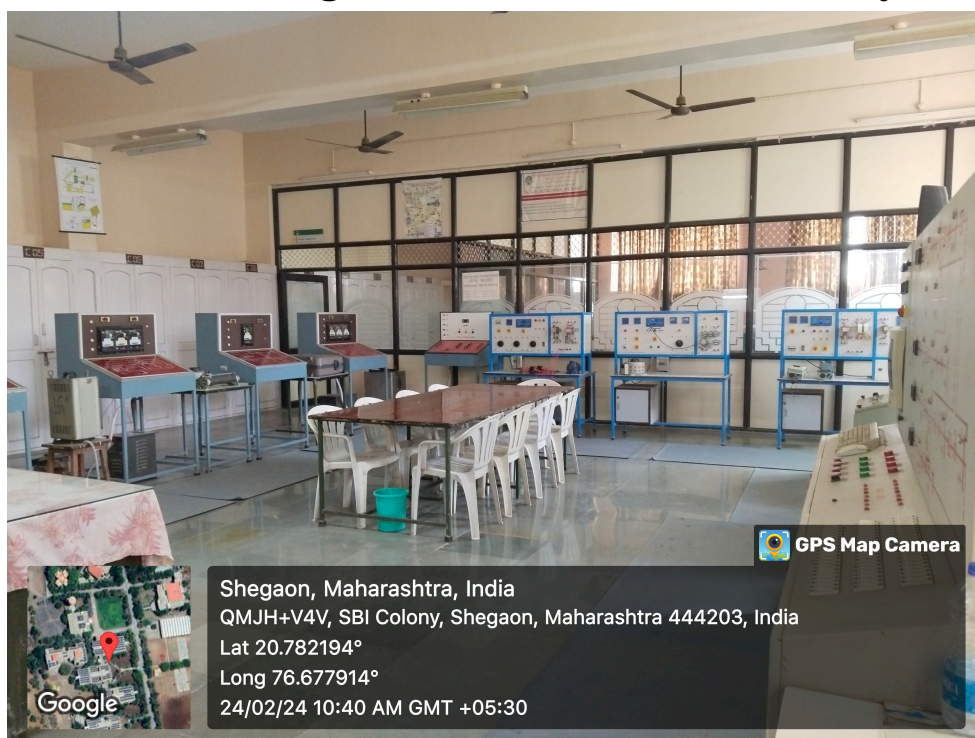
Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

2.1.1 Electrical Machine Laboratory



2.1.1 Switchgear and Protection Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

2.1.1 High Voltage Laboratory



2.1.1 Control System Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@sbgmce.ac.in, registrar@sbgmce.ac.in
Website- www.sbgmce.ac.in

5. Electrical Measurement Laboratory



6 Basic Electrical Engineering Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

7. Computer Laboratory



8. Microprocessor and Microcontroller Laboratory



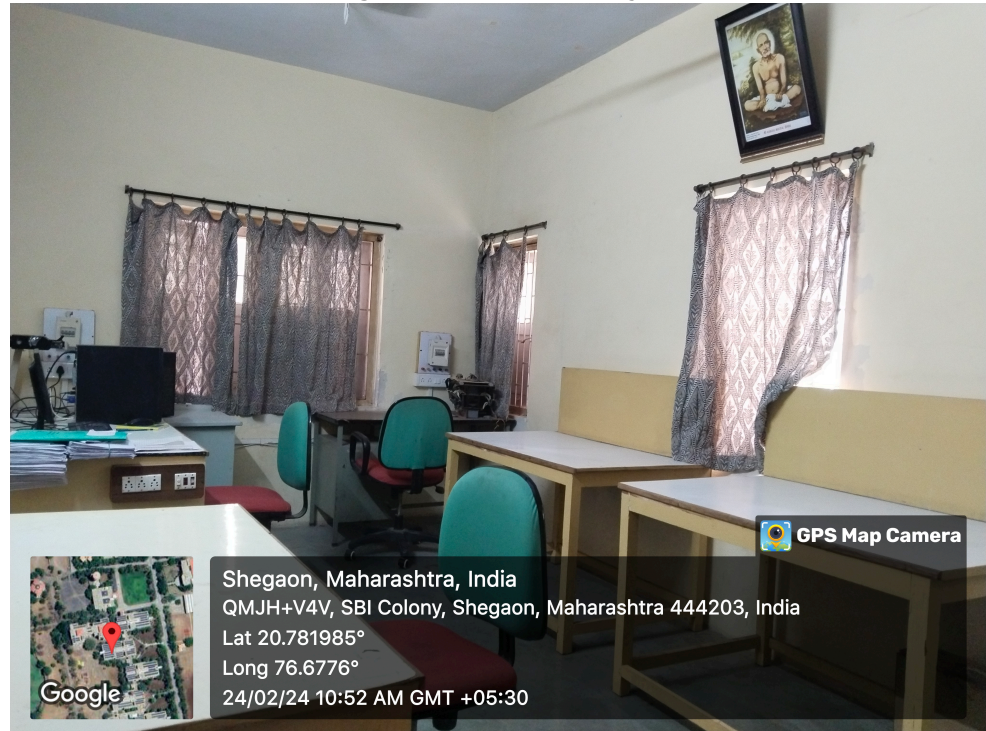


Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

9. Project Laboratory



10 PLC & Factory Automation Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

11 Power Quality Laboratory



12. Electrical Power Research Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

13. Centre of Excellence



Electric Vehicle Lab





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

14. Solor Research Centre





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in

registrar@ssgmce.ac.in

2.2 Department of Computer Science and Engineering

Sr. No.	Name of the Laboratory	Size (Sq. Mtrs .)	Major Equipment available in Laboratory
2.2.1	Object Oriented Programming Laboratory	84.23	1) PC: (LENOVO i5 12 th GN./8GB RAM /1 TB SATA HDD/512 GB M2 SSD: - Qty: - 17 With Windows 10 Operating System and Quick Heal Antivirus): - 17 Qty 2) 10 KVA Online UPS With Batteries: - 01 Qty 3) Scanner (HP G2410): - 01 Qty 4) External DVD Writer LG: - 01 Qty 5) Network Rack with Network Switches 24 Port: - 04 Qty and Control /Patch Panel: - Qty: -04
2.2.2	System Software Laboratory	84.23	1) PC: (LENOVO i5 12 th GN./8GB RAM /1 TB SATA HDD/512 GB M2 SSD With Windows 10 Operating System and Quick Heal Antivirus): - 17 Qty
2.2.3	DBMS Laboratory	84.23	1) HP Server – 01 2) Computer System Qty (LENOVO I3 (3G) /4GB RAM /500GB HDD, With Windows 10 Operating System and Quick Heal Antivirus) – 20 Qty 3) KVA Online UPS with Batteries: - 01 Qty
2.2.4	Project Laboratory	42.11	1) Computer System: (LENOVO I3 (3G) /4GB RAM /500GB HDD, With Windows 10 Operating System and Quick Heal Antivirus) 5 Qty





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
 “Approved by the D.T.E., M.S. Mumbai”

Ph : +918669638081/82

Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in

registrar@ssgmce.ac.in

			2) Computer System: (LENOVO I3 (3G) /4GB RAM /1 TB HDD, With Windows 10 Operating System And Quick heal Antivirus) 8 Qty 3) Computer System: (Lenovo I3 (2G) /2GB RAM /500 GB HDD, With Windows 10 Operating System And Quick heal Antivirus) – 6 Qty 4) 5 KVA Online UPS With Batteries: - 01 Qty 5) Optoma Projector – 01 Qty
2.2.5	Beginners Laboratory	56.16	1) PC HP-i5 HPPro28049MT, 12 th Gen. DDR4 8GB RAM, 512NVM2280 M2PC SSD, Bluetooth/Wi-fi, 19.5” LED Monitor with Windows 11 Operating System and Quick Heal Antivirus -20 Qty 2) PC Lenovo Intel 481 Chip Set Mother Board, 4gb DDR3 RAM, 500GB SATA SDD, USB Mouse, Keyboard, 18.5 Inch LED Monitor, With Windows 10 Operating System and Quick Heal Antivirus -3 Qty 3) UPS- 5KVA Online Digital (Numeric) 4) Network Rack with Network Switches 24 port: - 03 Qty Control /Patch Panel: - Qty: -03
2.2.6	Data Science Laboratory	56.16	1) PC Lenovo- i3 6h generation Model 8510 Tower Desktop core i3 Processor, 4GB DDR4 RAM ,500 GB





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
 "Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in

registrar@ssgmce.ac.in

			SATA HDD, USB Mouse, Keyboard, 19.5" Inch LED Monitor, Windows 10 Operating System, and Quick Heal Antivirus -16Qty 2) PC LENOVO -V520 PC i5-12 GEN processor, 6core 2.4GHZ/single module 4GB DDR4 RAM, 1TB SATA HDD, 7200RPM 512 M2SSD 19.5" Inch LED Monitor, Windows 10 Operating System, and Quick Heal Antivirus -2 Qty 3) UPS- 3KVA Online Digital (Numeric)
2.2.7	Machine Learning & IOT Laboratory	56.16	1) PC Lenovo i36h generation Model 8510 Tower Desktop core i3 Processor, 4GB DDR4 RAM, 500 GB SATA HDD, USB Mouse, Keyboard, 19.5" Inch LED Monitor with Windows 10 Operating System and Quick Heal Antivirus-7Qty 2) PC Lenovo Think center i3 Intel 2GB RAM, 500GB HDD, 18.5" TFT Monitor, With Windows 10 Operating System and Quick Heal Antivirus-1Qty 3) ML -IOT Raspberry Pi3 & Pi4 Kit, Arduino sensor Kit- Base, & various type of Relay 4) UPS -3KVA Online Digital (Numeric)





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

1. Object Oriented Programming Laboratory



2. System Software Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

3. Database Laboratory



4. Project Laboratory



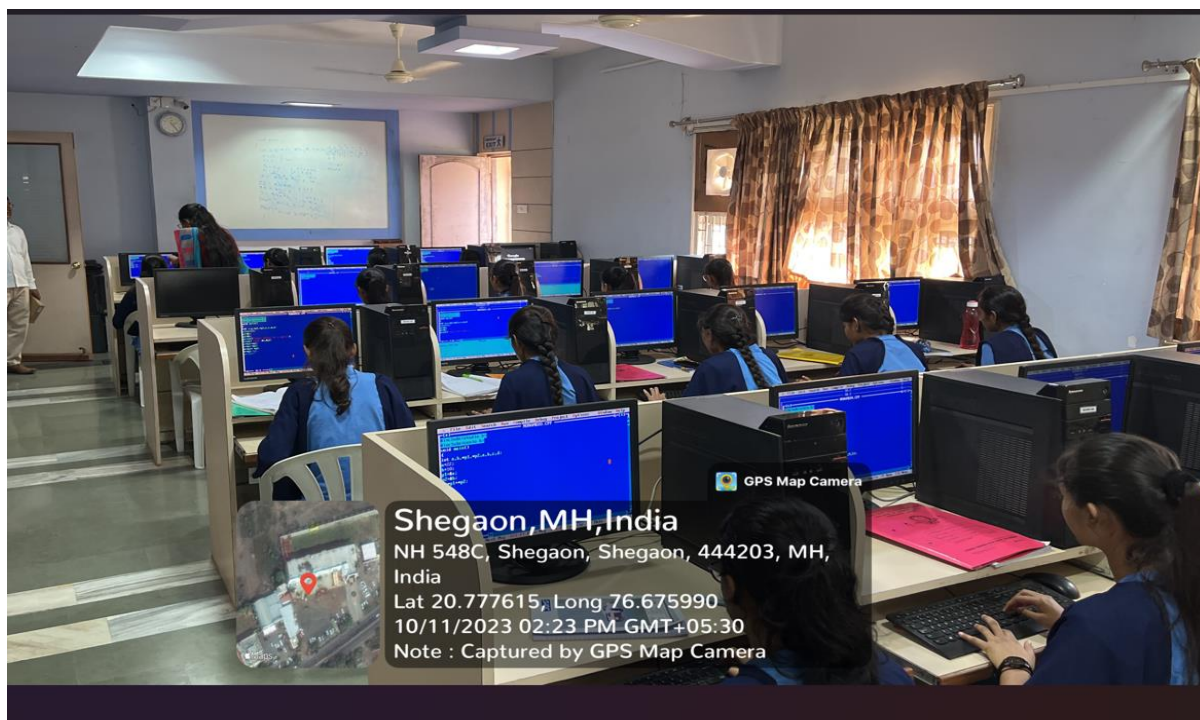


Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

5. Beginner's Laboratory



6. Data Science Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

7. Machine Learning and IOT Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
 “Approved by the D.T.E., M.S. Mumbai”

Ph : +918669638081/82
 Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in
registrar@ssgmce.ac.in

2.3 Department of Information Technology

Sr. No.	Name of the Laboratory	Size (Sq. Mtrs.)	Major Equipment available in Laboratory
2.3.1	Data Engineering Laboratory	84.35	HP COPUMPTER SYSTEM PCS510 TOWER MODEL GEN6 H110 INTEL i5 PROCESSOR /8 GB RAM/500 GB SATA HDD/20” HP MONITOR/USB WIRED KEYBOARD & OPTICAL MOUSE, No = 25 LENOVO COPUMPTER SYSTEM PCS510 TOWER MODEL GEN6 H110 INTEL i3 PROCE4SSOR/4 GB RAM/500 GB SATA HDD/19.5” LED LENOVO MONITOR/USB WIRED KEYBOARD & OPTICAL MOUSE No = 15
2.3.2	Programming Laboratory	84.35	ARM 7 OASIS TITAN BOARD [KIT] 08 ARM 7 OASIS METIS BOARD 07 = 5KVA UPS WITH BATTRIES TESLA ACTIVE CHANNEL, 12 GB – NVILDIA GPU+ [GST] 01+ Geforce GTX TITAN X(PG60) GENERIC GPU + [GST] 02
2.3.3	AI Laboratory	84.35	1. COMPUTER SYSTEMS: HP-280 G1, DESKTOP PC, INTEL I3,3.6 GHZS, 4GB RAM DDR3,1600DIMM,500GB HDD, LCD HP COMPAQ MONITOR 18”, HP USB KEYBOARD AND MOUSE QTY = 16 COST 2. UPS: NUMERIC ONLINE UPS 10 KVA WITH DC POWER RACK QTY= 01
2.3.4	WEBTECH Laboratory	84.35	1. COMPUTER SYSTEMS: HP-280 G1, DESKTOP PC, INTEL I3,3.6 GHZS, 4GB RAM DDR3,1600DIMM,500GB HDD, LCD HP COMPAQ MONITOR 18”, HP USB KEYBOARD AND MOUSE QTY = 17 2. UPS: NUMERIC ONLINE UPS 10 KVA WITH DC POWER RACK QTY= 01





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in

registrar@ssgmce.ac.in

2.3.5	Operating System Laboratory	63.35	LENOVO COMPUTER SYSTEM THINK CENTRO MODEL NO.M72 SERIES INTEL CORE I3 2120 PROCESSOR INTEL MOTHERBOARD USB K 500 GB SATA HDD/19.5" LED LENOVO MONITOR/USB WIRED KEYBOARD & OPTICAL MOUSE NO.15: UPS: - 3KVA ONLINE WITH 12A SIX (06) BATTERY NO.01 24 PORT DLINK SWITCH NO.01: WRITING PAD (Digital Tab) NO. 01: SSD 240GB ADATA NO. 15
2.3.6	Hardware Laboratory	63.35	LENOVO COPUMPTER SYSTEM PCS510 TOWER MODEL GEN6 H110 INTEL i3 PROCESSOR/4 GB RAM/500 GB SATA HDD/19.5" LED LENOVO MONITOR/USB WIRED KEYBOARD & OPTICAL MOUSE: No. 10





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

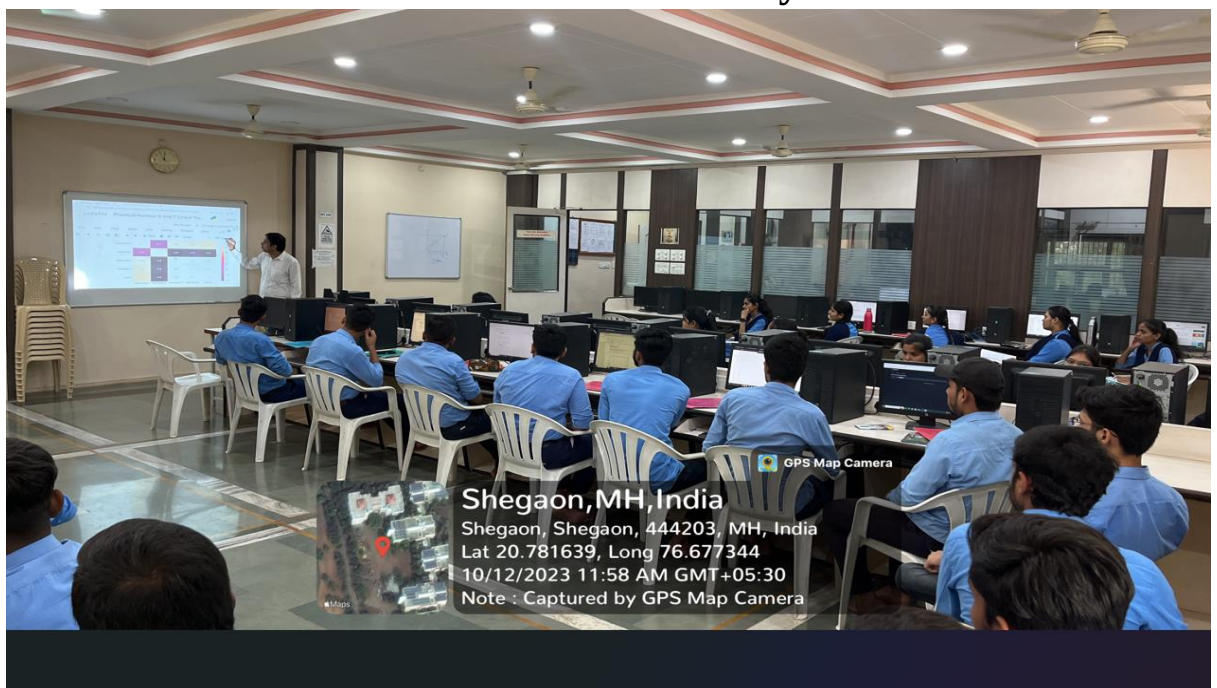
Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

1. Data Engineering Laboratory



2. Webtech Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

4. Operating System Laboratory



5. Hardware Laboratory





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

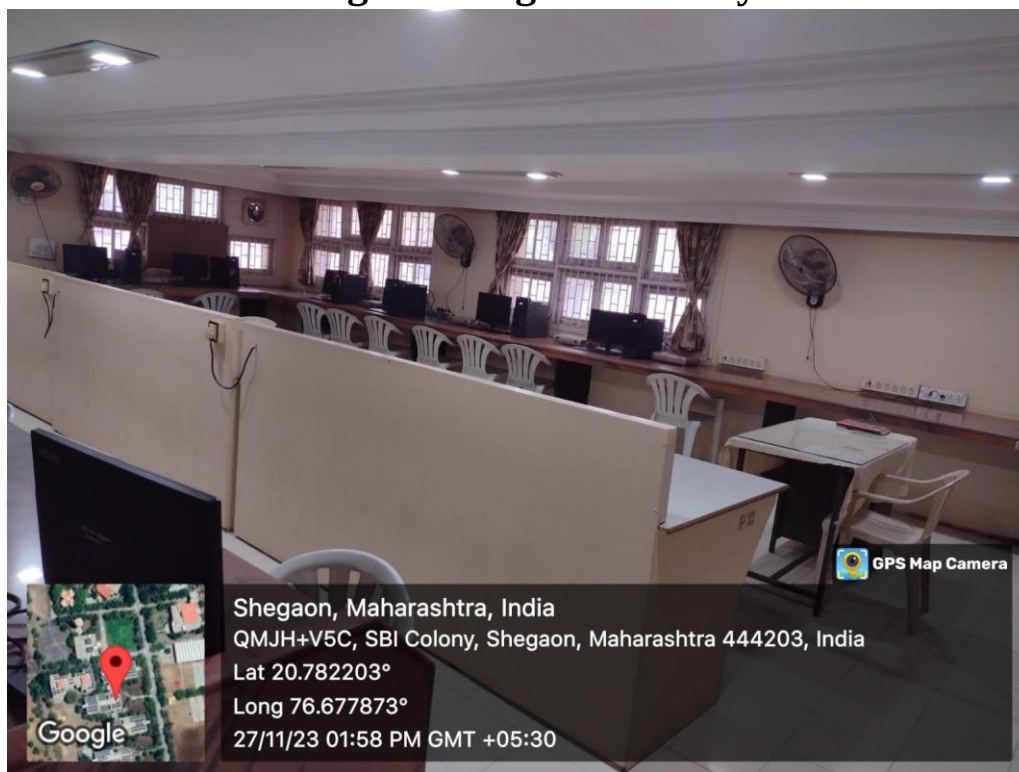
Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

6. AI Laboratory



7. Programming Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE),
INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
 “Approved by the D.T.E., M.S. Mumbai”

Ph : +918669638081/82
 Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

2.4 Department of Electronics and Telecommunication Engineering

Sr. No.	Name of the Laboratory	Size (Sq. Mtrs.)	Major Equipment available in Laboratory
2.4.1	Digital Signal Processing Laboratory	65.45	• P5 Computer Systems (16) • Logic Analyzer LA-5000 Series • DM 642 EVM Based Board for DSP • Interfacing Board for DM642 • Arbitrary Waveform Generator • TMS 320C6711 DSP Kit • ADC THS 1206 EVM • TMS 320C6711 DSP Kit • Fingerprint Daughter Card • Dskey Module • Cranes MSP Starter Kit • Matlab Software (Ver 7.0) • Triton IDE for ARM processor Kit (Oasis)
2.4.2	Microprocessor & Microcontroller Laboratory	99.25	• P5 Computer Systems (10) • ARM Processor Titan Board • ARM Processor Metis Board • ARM Processor Explorer Board • ARM Processor Voyager Board • GPS Module • Demo board from Freescale Micro-controller • Universal Trainer Kit for CPLD/FPGA TK Based • Virtex II xilinx Board with Xilinx & Sysgen Software • Xilinx Zybo Board • Nexys 3 Spartan Board • Xilinx & Sysgen Software
2.4.3	Power Electronics & Instrumentation Laboratory	99.25	• P5 Computer Systems (4) • AC Drive





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE),
INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
 “Approved by the D.T.E., M.S. Mumbai”

Ph : +918669638081/82
 Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

			• High Power Kits • Power Oscilloscopes • DSO • Invertors • Convertors • Choppers • Instrumentation kits • Study of Various Transducers • Radar based water level measurements • Test & Measure equipment • Fuzzy logic kits
2.4.4	Analogy and Digital IC Laboratory	90.16	• P5 Computer Systems (10). • Python (3.8). • CRO.100Mhz • DSO.50Mhz. • Single Phase Dimmer. • Digital IC Tester. • LCR Meter. • Measuring Equipment. • CD System. • (Logic Gates Trainer Kit) • Study of Various IC's. • DC Regulated Dual Power Supply-93 C Digital. • Digital Voltmeter & Ammeter. • Function Generator.
2.4.5	Electronic Device and Circuit Laboratory	60.48	• CRO 100 Mhz • CRO 30 Mhz • DSO 50 Mhz • DSO 60 Mhz • Measuring Equipment • CD SYSTEM, POWER SUPPLY, FUNCTION GENERATOR - MULTIMETER,CURRENT METER,VOLT METER,PC,IC Tester, etc
2.4.6	Communication Engineering Laboratory	90.16	• Pi3 Computer Systems (12) • CRO 100 MHz • Microwave Bench • Spectrum Analyzer





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE),
INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
 “Approved by the D.T.E., M.S. Mumbai”

Ph : +918669638081/82
 Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

				• Signal Generator • Synthesized Function Gen • Fiber Optic Trainer (T& R) • Antenna Trainer Unit • GSM Evaluation Kit • Satellite Comm. Trainer • CDMA Direct Sequence • Spread Spectrum Trainer • CRO 100 MHz. • CRO 60 MHz • EPABX M/c with UPS • Wave & Propagation Trainer • Micro strip Trainer • Microwave Training System • Vector Network Analyzer
2.4.7	Electronics Workshop		70.70	• Pi3 Computer Systems (06) • Oscilloscopes • Function generators
2.4.8	Project Laboratory		67.45	• P5 Computer Systems (16)
2.4.9	VLSI & Embedded System Design Laboratory		84.23	• Pi3 Computer Systems (31) • Cadence Tools
2.4.10	PG Laboratory	LAB-1	16.72	• Pi3 Computer Systems • Computer Systems (14)
		LAB-2	16.72	





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

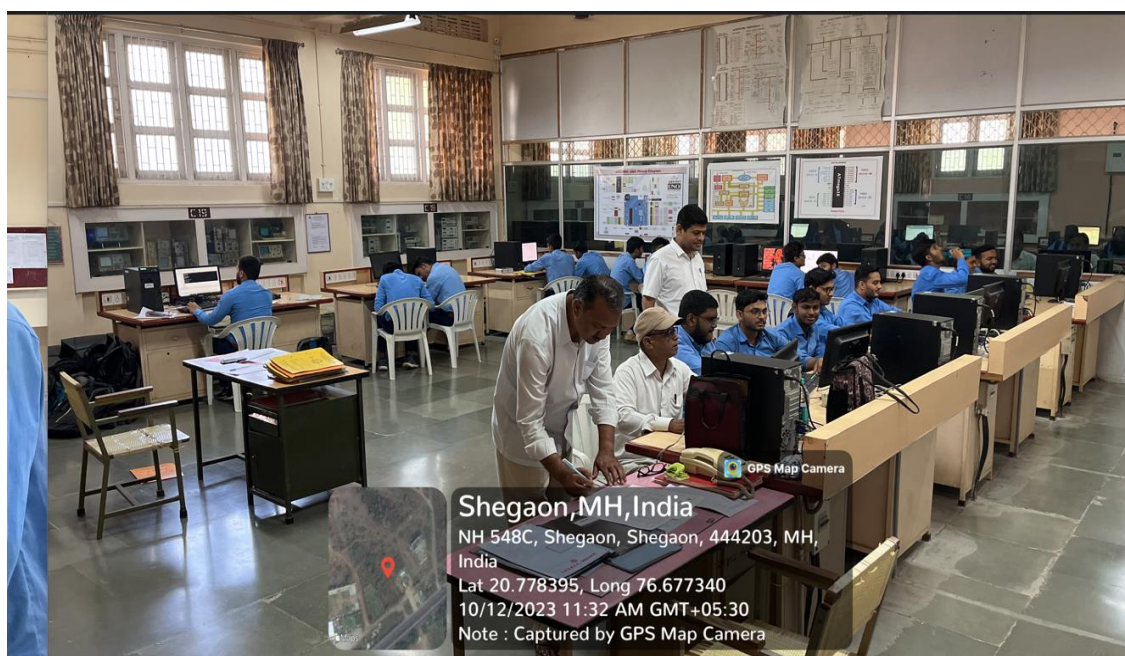
Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

1. Digital Signal Processing Laboratory



2. Microprocessor and Microcontroller Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

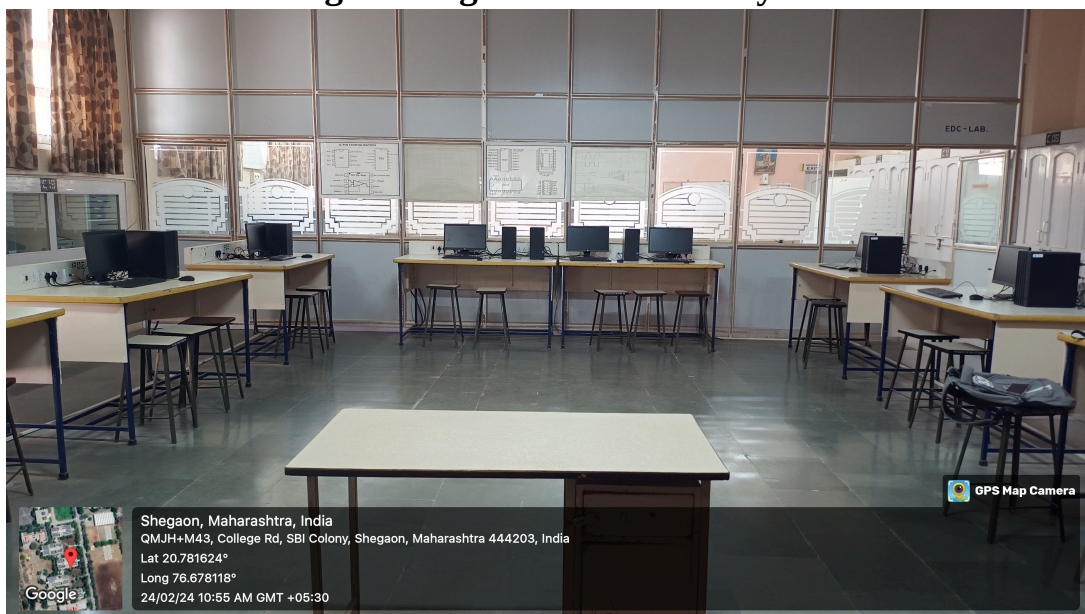
Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

3. Power Electronics/ Instrumentation Laboraroty



4. Analog and Digital IC Laboratory





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

5. Electronics Device and Circuit Laboratory



6. Communication Engineering Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

7. Electronics Workshop Laboratory



8. Project Laboratory



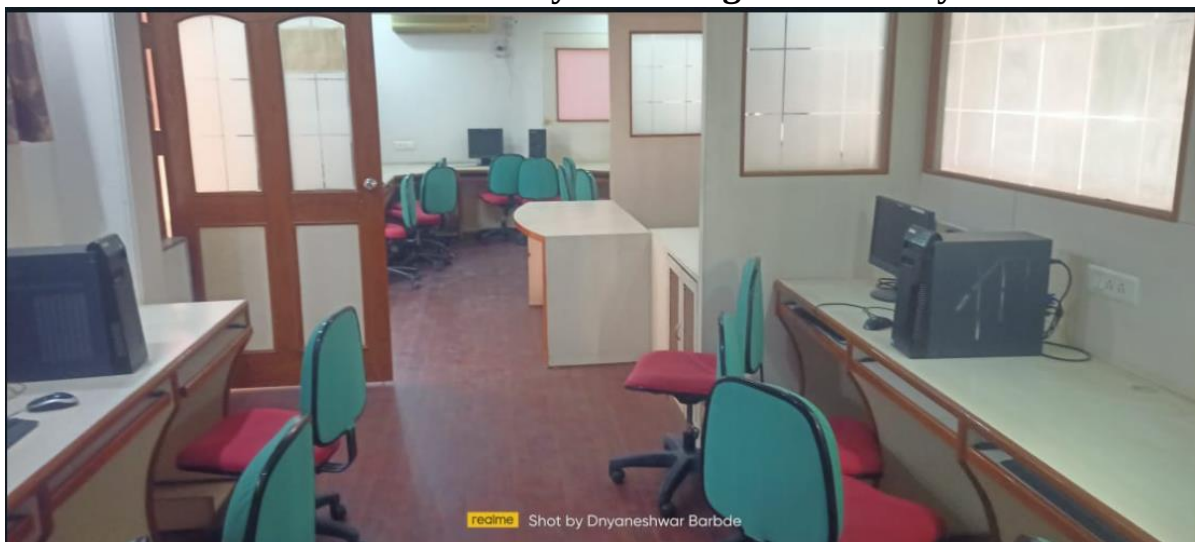


Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

9. VLSI & Embedded System Design Laboratory



10.PG Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

“Recognized by A.I.C.T.E., New Delhi” Affiliated to Sant Gadge Baba Amravati University, Amravati
 “Approved by the D.T.E., M.S. Mumbai”

Ph : +918669638081/82

Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in

registrar@ssgmce.ac.in

2.5 Department of Applied Science and Humanities

Sr. No.	Name of the Laboratory	Size (Sq. Mtrs.)	Major Equipment available in Laboratory
2.5.1	Engineering Physics Laboratory	168.47	Cathod Ray Oscilloscope, Function generator, Laser Kit, Franck Hertz Experiment, Hall effect setup, Newton's ring apparatus, e/m by Bar Magnet, Fire Extinguisher - 6Kg (DCP) Computer System- HCL - Intel (R) Pentium(R) 4 CPU 3.20 GHz RAM – 2.50 GB 32-bit operating system
2.5.2	Engineering Chemistry Laboratory	168.47	Muffle Furnace, Oven, Distillation Plant, Viscometer, Pensky Marten apparatus, Digital Balance, Fire Extinguisher - 6 Kg (DCP), Fire safety stand with sand bucket Computer System – Lenovo – Intel (R) Pentium(R) D CPU 2.80GHz 2.79GHz RAM – 3 GB 32-Bit operating system
2.5.3	Language Laboratory	78.28	Projector Optoma W400lve with standard accessories and as per po specification Q7d7243waaa1b066 (issued on date 17-01-2023) =rs 42240/- 5 KVA UPS with DC Powerpack Sr.no.V140700206 Po.no. 2100002458 (Issued dated 05.09.2014) 3yrs warranty,01 set=Rs.91011/- 23 Lenovo ThinkCentre M 73 with i3-4310-4th generation desktop PC as per the following specification: Intel core i3-4130 processor-4th generation 3.44 Hz (3M Cache, 65 W) Intel H81 chipset, Single 4GB RAM, 1600 MHz UDIMM, 500GB, 7200 RAM SATA3 HDD, INTEL HD Graphics, Gigabit Ethernet Kld, USB optical scroll mouse, 18.5" inch LED Monitor 24 HP make headphones with mic with std. Accessories.





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

1. Engineering Physics Laboratory



2. Engineering Chemistry Laboratory





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

3. Language Laboratory





Shri Gajanan Shikshan Sanstha's

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati

"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in

registrar@ssgmce.ac.in

2.6 Department of Mechanical Engineering

Sr. No.	Name of the Laboratory	Size (Sq. Mtrs .)	Major Equipment available in Laboratory
2.6.1	Internal Combustion Engine & Energy Conversion	163.90	Blower Test Rig
			Single Stage Reciprocating Air Compressor Test Rig
			Two Stage Reciprocating Air Compressor Test Rig
			3-Cylinder 4-Stroke Petrol Engine with Eddy Current Dynamometer
			Computerized 4-Cylinder 4-Stroke Diesel Engine with Eddy Current Dynamometer Test Rig
			Variable Compression Ratio (VCR) 1-Cylinder 4-Stroke Diesel Engine with Rope Brake Dynamometer Test Rig
			Four Cylinder 4-Stroke Diesel Engine M & M
			Automotive Exhaust Monitor & Diesel Smoke Meter
			Five Gas Exhaust Analyzer
	Refrigeration & Air Conditioning Laboratories		Leak Testing & Charging Unit
			Household Refrigerator
			Water Cooler Unit
			Vapour Compression Refrigeration System
			Reciprocating Air Conditioning Trainer
2.6.2	Dr. Georg H Endress Laboratory (Production Tech. Lab & Mechanical Measurement Lab.)	153.29	IOT & Industry 4.0 Enabled Pressure and Level Centre of Excellence Demo Rig.
			Profile Projector
			Portable Digital Surface Roughness Tester (Surftest)
			Tool Makers Microscope
			Autocollimator
			Vacuum Measurement Using Mcleod Gauge
			Flow Measurement Using Rotameter
			Vibration Measurement Piezoelectric Transducer
2.6.3	Computational Fluid Dynamics Laboratory (Fluid Power Laboratory)	163.90	Speed Measurement Using Stroboscope
			Pelton Wheel Turbine
			Francis Turbine
			Computer System I5 For CFD
			UPS (5 KVA)
			CFD Software Ansys Fluent & Ansys Mechanical





Shri Gajanan Shikshan Sanstha's

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
 "Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in

registrar@ssgmce.ac.in

2.6.4	SGTR	436.67	Vertical Machining Center CNC Turning Center CMSD Control Simulator
2.6.5	CAD/CAM Centre	83.61	Computer Application Software Catia V5 Autodesk Inventor Series Pro-7 Solid Edge V 14 Ansys Introductory Software V 7.1 Upgrade Version – Rel 9.0 UG NX3 Advanced Designer Bundle Witness Witness 2006 (Rel 2.0) Computer System - Desktop Pc I 3 Lenovo ThinkCentre Numeric Onfiniti Online Ups with Quanta Make Smf Batteries
2.6.6	Mechanics of Material/ESA Laboratory & Stress Analysis Laboratory	66.89	A) Computerized Universal Testing Machine, Model-TUE-C-400 B) Data Acquisition System C) Computer -Lenovo Izod Impact Testing Machine (Capacity -30 Kg) Spring Apparatus Torsion Test Apparatus Diffused Light Research Polariscopes Model Making Kit A) Model Cutter, B) Model Polisher C) Dust Collector D)Telemicroscope Reflection Polariscopes Stress Freezing Oven Close Up Lens Type Camera For Photography Oblique Incidence Attachment Strain Gauge Rosette Apparatus Model Of Different Photo Elastic Material Brittle Coating Materials
2.6.7	Computational Fluid Dynamics Laboratory & Fluid Power Laboratory	163.90	Pelton Wheel Turbine Francis Turbine Computer System I5 For CFD UPS (5 KVA) CFD Software Ansys Fluent & Ansys Mechanical
2.6.8	Engineering Mechanics Laboratory &	133.90	Single Purchase Winch Crab Differential Axle And Wheel Flywheel Simple Screw Jack Pneumatic Trainer Kit





Shri Gajanan Shikshan Sanstha's

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati

"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Website- www.ssgmce.ac.in

Email: principal@ssgmce.ac.in

registrar@ssgmce.ac.in

	Mechatronics Laboratory		XY Position Table
			Sensors Kit
2.6.9	Kinematic of Machine Laboratory & Heat Transfer Laboratory	200.75	FFT Analyzer
			Vibration Analysis Machine
			Heat Exchanger
			Pin Fin Apparatus
			Journal Bearing Apparatus
			Gyroscope Apparatus
			Whirling Of Shaft Set-Up
			Balancing Of Rotating Masses Set-Up





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

2.6.1 IC Engine & Energy Conversion & Refrigeration Laboratory



2.6.2 Dr. Georg H Endress Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

2.6.3 Computational Fluid Dynamics Centre





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

2.6.4 SGTR





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Fax : 091-7265-252346

Website- www.ssgmce.ac.in

2.6.5 CAD/CAM Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

2.6.6 Mechanics of Material & Stress Analysis Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

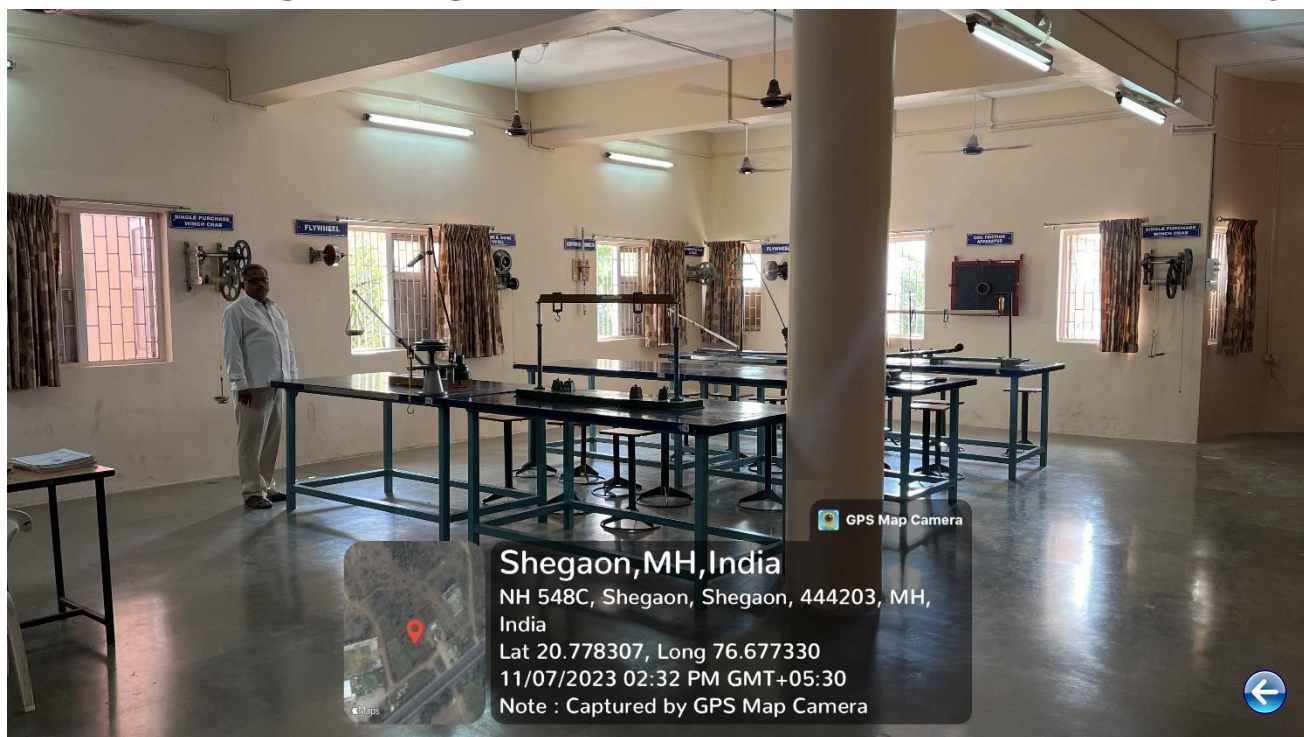
Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

2.6.7 Computational Fluid Dynamics & FP Laboratory



2.6.8 Engineering Mechanics & Mechatronics Laboratory





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

2.6.9 Heat Transfer Laboratory





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

3. Central Workshop (1226 Sq. Mtr)



[Back](#)





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in

4. Drawing Hall (200.75 Sq. Mtr)



[Back](#)





Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA
"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Fax : 091-7265-252346

Email.principal@ssgmce.ac.in, registrar@ssgmce.ac.in
Website- www.ssgmce.ac.in

5. Seminar Hall

Sr. No.	Title	Size in Sq. Mtr
5.1	Mechanical Seminar Hall	83.61
5.2	New Seminar Hall	715.5
5.3	MBA Seminar Hall	92.86
5.4	Swadhay Kakshya	102.5
5.5	EXTC Seminar Hall	90.00
5.6	Electrical Seminar Hall	90.00





Shri Gajanan Shikshan Sanstha's
**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDANA (MAHARASHTRA STATE), INDIA**

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82

Fax : 091-7265-252346

Email: principal@ssgmce.ac.in, registrar@ssgmce.ac.in

Website- www.ssgmce.ac.in



Figure 1 Mechanical Seminar Hall



Figure 2 New Seminar Hall



3MBA Seminar Hall



Electrical Engg Seminar Hall



Swadhyay Kakshya



EXTC Seminar Hall