
ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

4.3 IT INFRASTRUCTURE

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Sl. NO.	NAME OF IT FACILITIES
1.	CEEMS ERP
2.	Wi-Fi
3.	Computers
4.	CCTV
5.	Network Switch
6.	Server
7.	Licensed Software's
8.	Printers
9.	Scanners
10.	UPS
11.	Photocopy Machine
12.	Intercom
13.	Projector
14.	Smartboard
15.	LAN
16.	Barcode Scanner
17.	Barcode Printer
18.	Biometric Device
19.	Staff Mail ID (individual)



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CEEMS ERP

St. Anne's College of Engineering and Technology provides an extensive infrastructure for providing quality education. This document provides a management framework and procedure for the maintenance of existing infrastructure facilities by general maintenance, IT maintenance, Academic maintenance, and Transport maintenance.

Web Management Portal – For IT maintenance

A customized	ERP: https://s	stannescet.ac.11	n/cms/ is ex	clusively crea	ited for maint	enance.

For the request of service / maintenance, staff / student login to their account

Home \rightarrow Maintenance \rightarrow New Maintenance \rightarrow write their request.

Based on the request category,

\square General maintenance request goes to Adm	ninistrative office
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☐ IT maintenance request goes to System admin.

Academic	maintenance	request	goes to	Vice 1	Principal .	/ Purch	ıase officer.

☐ Transport maintenance request goes to transport manager.

After the maintenance is done, status in the portal is updated by the concern officer. Same can be viewed in staff / student login.

Home → Maintenance → Maintenance status

IT Maintenance

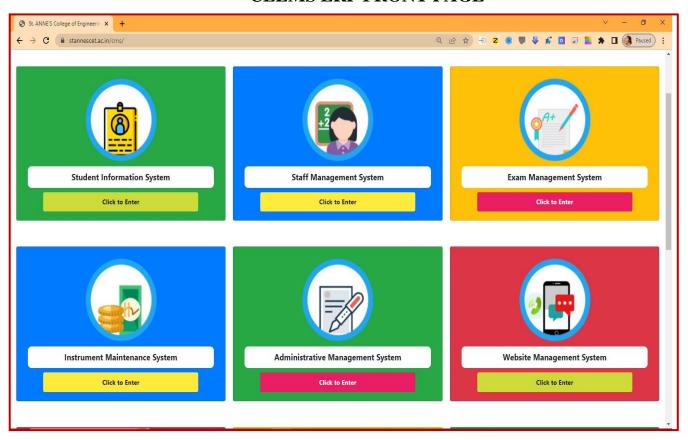
System admin. receive the IT maintenance request and directs System analyst / CSE lab assistants based on the request. System admin. looks over the maintenance of Computers, UPS facilities, Audio and Visual Services, CCTV Cameras and Intercom. Maintenance of the reprographic machine is provided by manufacturer of the facility and Enteral Service Provider (ESP). Campus Wi-Fi is maintained by System Admin.

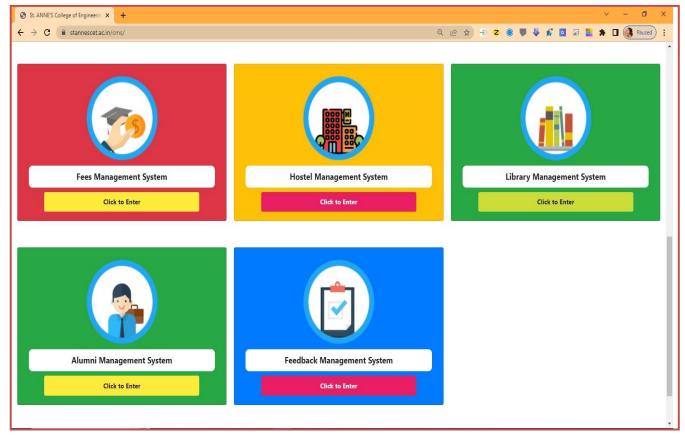


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CEEMS ERP FRONT PAGE







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Wi-Fi

BANDWIDTH DETAILS OF INTERNET CONNECTION

Number of computers	Bandwidth of leased line	LAN configuration and
with access to internet	connection	speed
106	150 MBPS	150 MBPS
120	200 MBPS	200 MBPS
120	200 MBPS	200 MBPS
Fax	30 MBPS	30 MBPS

SANCET Institution computer laboratory with high speed internet are available to conduct mock tests and online tests for placement. The Institution has **346** Computers connected through LAN. The Institution has adequate facilities of the information technologies including Wi -Fi and the internet connections that are well spread throughout the campus which is updated frequently for the improvement of student's welfare. The computer systems are upgraded periodically. As per syllabus updating the required software is purchased and license will be renewed. The internet bandwidth connectivity is upgraded based on the requirement to provide quality internet connectivity. Wi-Fi is provided for the entire campus and it is upgraded often. Anti-virus software has been installed to ensure better security.

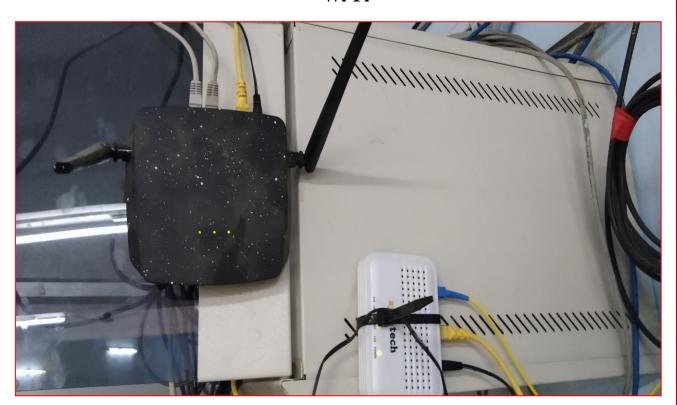
The speed of the internet is upgraded as follows

- 2018 Upgraded to 16 Mbps from 8 Mbps AIRTEL communication internet leased line
- 2019 Upgraded to 32 Mbps from 16 Mbps AIRTEL communication internet leased line
- 2020 Upgraded to 100 Mbps from 32 Mbps AIRTEL communication internet leased line
- 2021 Upgraded to 150 Mbps from 100 Mbps AIRTEL communication internet leased line
- 2022 Upgraded to 200 Mbps from 150 Mbps AIRTEL communication internet leased line
- 2022 New Line 200 Mbps AIRTEL communication internet leased line
- 2022 New Line 150 Mbps– BSNL
- 2023- New Line 30 Mbps- BSNL (FAX)

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Wi-Fi



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Institution frequently updates its IT Facilities including Wi-Fi

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Si. No.	Year Of Purchase	Details	Location	No. of System
1	2009	Hclcomputers,Intel core 2 gbRAM,Hard disk 250 gb,18.5 tft monitor	Computer Laboratory-I	13
2	2010	Hp Computers,Intel core 2 gbRAM,Hard disk 250 gb,18.5 tft monitor	Computer Laboratory-I	20
3	2010	Helcomputers,Intel core 2 gbRAM,Hard disk 250 gb,18.5 tft monitor	Computer Laboratory-II	30
4	2012	Hp computers,Intel core 2 gbRAM,Hard disk 250 gb,18.5 tft monitor	Computer Laboratory- IV	8
5	2011	Lenovo,Intel core 2 gbRAM,Hard disk 250 gb 18.5 tft monitor	Computer Laboratory- IV	10
6	2010	Hclcomputer,Intel core 2 gbRAM,Hard disk 250 gb,18.5 tft monitor	Computer Laboratory- IV	10
7	2019	Dell computer, Intel core 4 gb RAM, Hard disk 500 gb,19.5 tft monitor	Computer Laboratory- IV	6
8	2010	Hp computer,Intel core 2 gbRAM,Hard disk 250 gb,18.5 tft monitor	Computer Laboratory-V	20
9	2014	Dell computer, Intel core 4 gb RAM, Hard disk 256 gb,19.5 tft monitor	Computer Laboratory-V	10
10	2021	Dell computer, Intel core 4 gb RAM, Hard disk 256 gb,18.5 tft monitor	Computer Laboratory-V	5
			TOTAL	132



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Computer Laboratory-I



Computer Laboratory-II





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Computer Laboratory-IV



Computer Laboratory-V





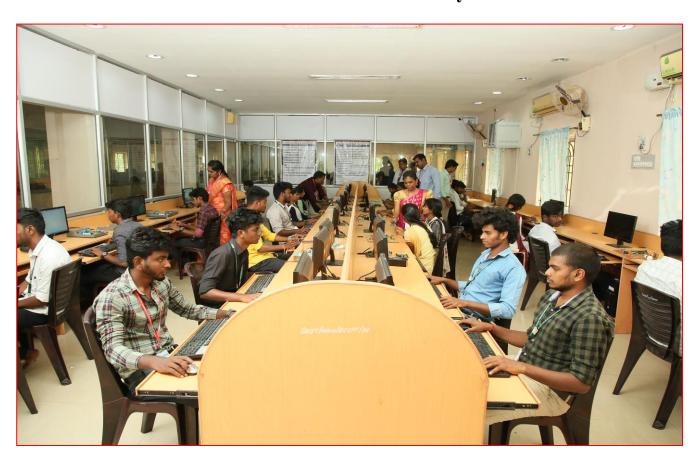
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Si. No.	Year Of Purchase	Details	Location	No. of System
1	2009	Hcl computer, Intel core 2 gb RAM, Hard disk 250 gb 18.5 tft monitor	VLSI / DSP Laboratory	1
2	2019	Dell computer, Intel core 4 gb RAM, Hard disk 500 gb 18.5 tft monitor	VLSI / DSP Laboratory	2
3	2010	Hp computer, Intel core 2 gbRAM, Hard disk 250 gb 18.5 tft monitor	VLSI / DSP Laboratory	26
4	2015	Hp computer,Intel core 2 gbRAM, Hard disk 250 gb 19.5 tft monitor	IC Lab	15
			Total	44

VLSI / DSP Laboratory





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DEPARTMENT OF ELECTRICALS AND ELECTRONICS ENGINEERING

Si. No.	Year of Purchase	Details	Location	No. of System
1	2009	Hclcomputer,Intel core 2 gb RAM, Hard disk 250 gb 18.5 tft monitor	PSS Laboratory	2
2	2010	Hp computer, Intel core 2 gb RAM, Hard disk 250 gb 18.5 tft monitor	PSS Laboratory	20
3	2019	Lenova, Intel core 4 gb RAM, Hard disk 500 gb 18.5 tft monitor	PSS Laboratory	7
			TOTAL	29

PSS Laboratory





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DEPARTMENT OF MECHANICAL ENGINEERING

Si. No.	Year Of Purchase	Details	Location	No. of System
1	2010	Hclcomputer,Intel core 2 gbRAM,Hard	Strength of	1
1	2010	disk 250 gb 18.5 tft monitor	Materials Lab	1
		Dell computer,Intel core 2		
2	2018	gbRAM,Hard disk 250 gb	CADD/CAM Lab	2
		18.5 tft monitor		
		Hp computer ,Intel core 2		
3	2013	gbRAM,Hard disk 250 gb	CADD/CAM Lab	32
		18.5 tft monitor		
		Hpcomputer,Intel core 2 gbRAM,Hard		
4	2013	disk 250 gb	Thermal Lab	1
		18.5 tft monitor		
		Hclcomputer,Intel core 2 gbRAM,Hard		
5	2015	disk 250 gb	Mechatronics Lab	10
		18.5 tft monitor		
			TOTAL	46

CADD/CAM Laboratory





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DEPARTMENT OF SCIENCE AND HUMANITIES

Si. No.	Year Of Purchase	Details	Location	No. of System
1	2018	Hcl computer, Intel core 2 gb RAM, Hard disk 250 gb 18.5 tft monitor	Language Laboratory	10
2	2021	Dell computer, Intel core 4 gb RAM, Hard disk 500 gb 18.5 tft monitor	Language Laboratory	6
3	2016	Hp computer, Intel core 2 gbRAM, Hard disk 250 gb 18.5 tft monitor	Language Laboratory	8
4	2013	Hp computer,Intel core 2 gbRAM, Hard disk 320 gb 19.5 tft monitor	Language Laboratory	6
			Total	30

Language Laboratory



¥.1.4

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

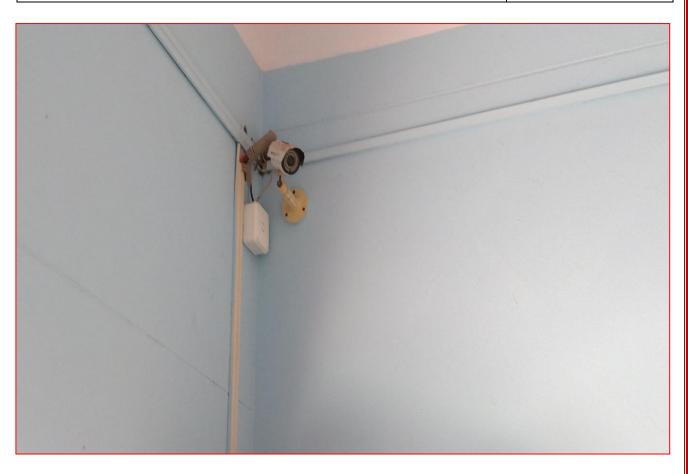
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CCTV

TOTAL NO OF CCTV = 70

SL. NO.	VENUE	NO. OF CAMERAS
1	Administrative Block	15
2	Annai Annamal Block	14
3	Maria Block	15
4	Xavier Block	21
5	Anne's Café(Canteen)	02
6	Statue	01
7	Entrance Gate	02
	TOTAL	70



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NETWORK SWITCH



SERVER

IBM GEN 2 SERVER

DESCRIPTION: X3400 M2 7837

NEHELAM PROCESSOR INTEL XEON 5504(QUAD CORE-NEHELAM)/250 GB SATA/2 GB

MEMORY/4MB L3 CACHE





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LISCENCED SOFTWARE'S

S. NO.	DEPARTMENT	SOFTWARE'S
1	Computer Science and Engineering	Oracle, RATIONAL ROSE, MS OFFICE, ORALCLE WINDOWS 10 OS
2	Electrical and Electronics Engineering	MAT 10.0
3	Electronics and Communication Engineering	VISUAL STUDIO,2008 SERVER, Xilinix ISE 12.1, Tanner Tool 16.0, Orcad 16.0, keil, Flash Magic, Scilab 6.11
4	Mechanical Engineering	AUTO CADD 2K10,CREO 2.0, IRON CADD, ANSYS 4.0, CNC MEDIU, FUNOCK TRAIN V8.01

PRINTERS

A) DOT MATRIX



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B) LASER



SCANNER





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UPS



PHOTOCOPIER MACHINE





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INTERCOM



PROJECTOR

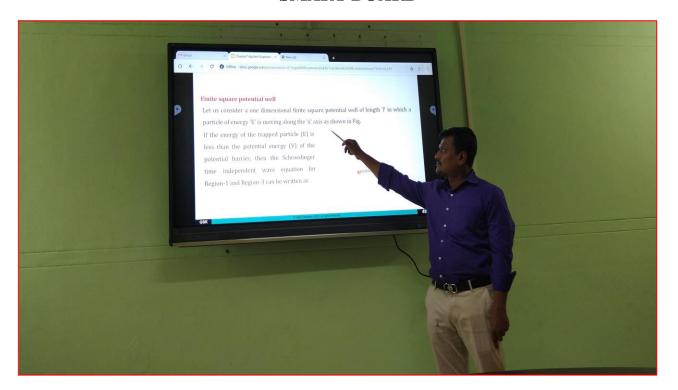




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SMART BOARD





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LOCAL AREA NETWORK (LAN)

INTERNET CABLE -FIBRE OPTICAL CABLE

CABLE DETAILS LAN CABLE- CAT 6, CAT 5



allwininfoteckh@gmail.com

Date: August 01, 2011

The Principal, The Principals
St. Annes College of Engineering and Technology, Panruti.

Sub: Quotation for Computer Lab Network Proposal for 183 Systems - Reg.

With reference to the discussion the undersigned had with you regarding to Network Cabling Proposal for your 4 Computer Labs for 183 Systems; we wish offer our lowest rate for the same as per the details furnished hereunder:

SI. No	Description	Quantity	Per	Unit Price	Total with Tax
1	Cat 6 Digi - Link Cable	16 '	Boxes	6,100.00	97,600.00
2	Cat 6 Digi - Link I/O with Face Plate	183	Nos.	290.00	53,070.00
3	Cat 6 Patchcord 1 Mt.	375	Nos.	180.00	67,500.00
4	9 U Rack HCL	4	No.	3,900.00	15,600.00
5	Cat 6 Patch Panel - 24 Port	8	Nos.	5,600.00	44,800.00
6	Cisco 2024 Gigabit Switch - 24 Port	8	Nos.	18,400.00	1,47,200.00
7	Cable Manager	8	No.	225.00	1,800.00
8	Power Manager	4	Nos.	550.00	2,200.00
9	Gang Box	183	Nos	40.00	7,320.00
Mile The State of	D STATE OF THE STA	1			4,37,090.00
	Channels	and Accesso	ries		
SI. No	Description	Quantity	Per	Unit Price	Total
i	2525 Duct	180	Mts.	85.00	15,300.0
2	4545 Duct	180	Mts.	120.00	21,600.0
3	PVC Pipe & Accessories	60	Nos	75.00	4,500.0
Marie Total	1 ve ripe & Accessories				41,400.0







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BARCODE SCANNER



BARCODE PRINTER





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BIOMETRIC DEVICE



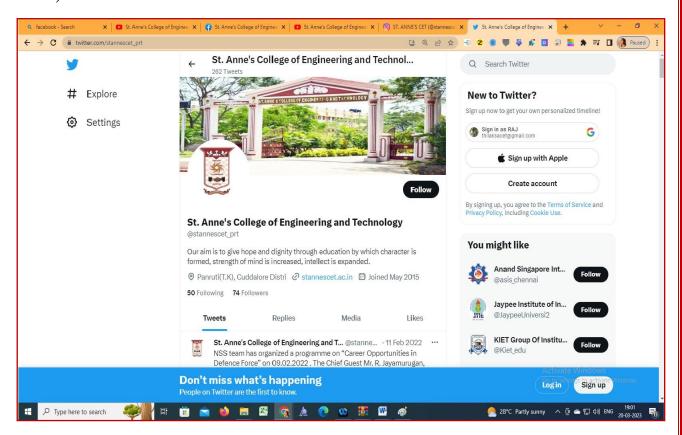


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SOCIAL MEDIA NETWORK

A) TWITTER



B) FACEBOOK

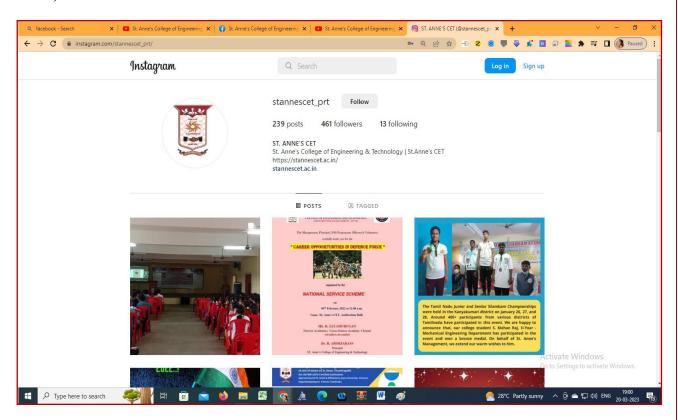




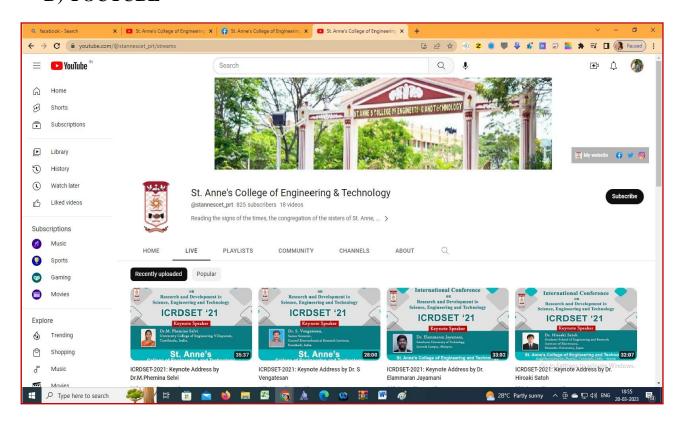
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C) INSTAGRAM



D) YOUTUBE





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STAFF'S OFFICIAL MAIL-ID

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TOTAL NO. OF COMPUTERS

Si. No.	Department	No. of computer
1	Computer Science and Engineering	133
2	Electronics and Communication Engineering	46
3	Electrical and Electronics Engineering	30
4	Mechanical Engineering	47
5	Science and Humanities	34
6	Library	14
7	Research & Development Cell	02
8	Exam Cell	04
9	Administrative	08
10	Training and Placement Cell	01
11	Entrepreneur Development Cell (EDC)	01
12	Incubation Centre(All Department)	20
13	Internal Quality Assurance Cell (IQAC)	02
14	Admission cell	02
15	Conference Hall	01
16	System Admin	01
TOTAL		346