



AMET
(ACADEMY OF MARITIME EDUCATION AND TRAINING)
(A *de novo* Category DEEMED TO BE UNIVERSITY Under Section 3 of UGC Act 1956)

CRITERION 4

Infrastructure and Learning Resources

KEY INDICATOR

4.3 IT Infrastructure

Q.L.M

4.3.2 Institution has an IT policy, makes appropriate budgetary provisions and updates its IT facilities including the Wi-Fi facility

Weblink : https://www.ametuniv.ac.in/naac/c432_Institution_IT_Policy.html

Link for Additional Information

IT INFRASTRUCTURE FACILITIES



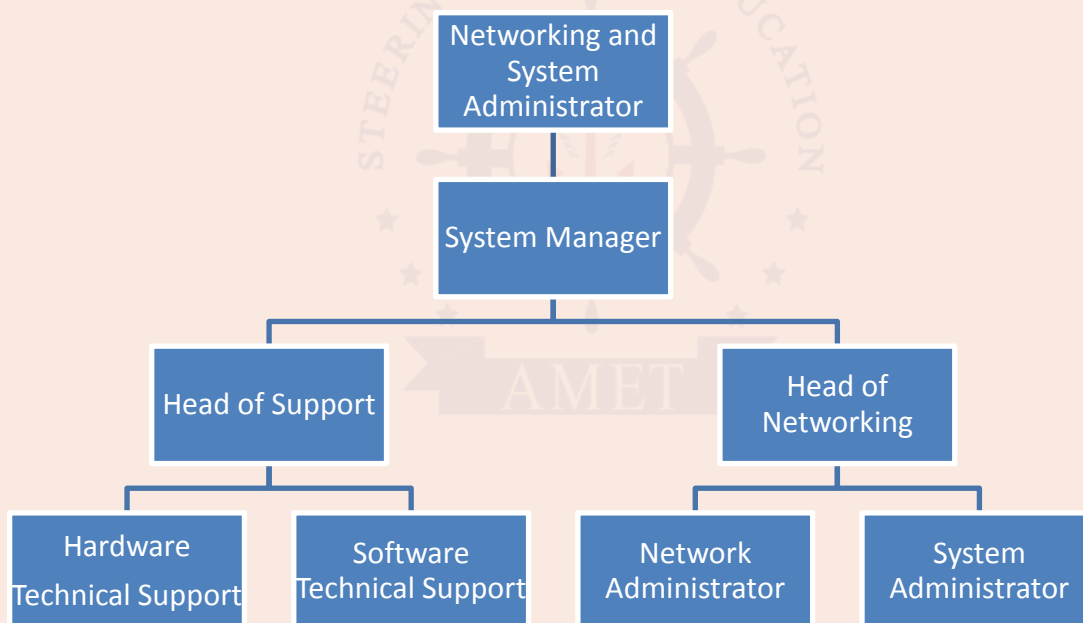
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CENTRE FOR E-GOVERNANCE

NETWORKING AND SYSTEM ADMINISTRATION DIVISION

PREAMBLE:

Networking and System Administration division, a part of the Center for ICT Enabled Education(C-ICTEE), supports and maintains the campus ICT namely, Computer systems, Campus Networking, Printers, Scanners, and other ICT Teaching aids. The organizational chart of the division is illustrated in the diagram given below.



Organization structure of Networking and System Administration

OBJECTIVE:

The objective of the Network and System Administration division is to:



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- Plan, implement and maintain the Information Technology infrastructure to ensure that the computing facilities of AMET Deemed to be University are available to users uninterrupted.

Vision:

- To upgrade and update Campus Computing facilities to be on par with the State-of-art Technologies

Mission:

- To automate the workflow of academic and administration of the University and to transform into a Green Campus

ACTIVITIES:

The main activities of the division include:

a) Planning, organizing, implementing and maintaining of various Network and System infrastructure through administration activities such as:

- Updating and upgrading the department computing requirements based on the curriculum demand
- Setting up new labs as per Department's requirements
- Upgrading the network bandwidth to match with the demand
- Campus networking through OFC cabling with redundancy
- High speed connectivity up to 1Gbps BSNL with Optical Fiber Connectivity (OFC) for different blocks/buildings
- Palo Alto Firewall administration and content filtering, load balancing between BSNL Leased line and TIC Fiber.
- Managing the high-end Network infrastructure such as router, firewall, domain controller with DHCP, DNS and additional domain controller
- Vigilance over the security of campus data against virus, worms, etc.
- Managing the user-end networking infrastructure such as Switches, Fiber



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- j. Maintenance of high-end servers such as Database server, Application server and Back-up sever
- k. University Mail IDs for teaching and non-teaching Staff
- l. Dedicated internet connectivity to hostel cadets using TIC 100 Mbps leased line and Ruckus Wi-Fi access points (24x7)
- m. ICT based teaching aids
- n. Video conferencing for Virtual Classrooms
- o. NPTEL/SWAYAM/MOOC online courses using National Knowledge Network (NKN) up to a bandwidth of 1Gbps
- p. Smart Classrooms
- q. Backing up of department data in the Backup server
- r. Firewall configuration
- s. Campus Surveillance system
- t. New software/hardware installation
- u. Implementation of E-learning tools such as A-View and LMS for faculty and cadets
- v. Institutional Digital Resources management (IDRM) such as NPTEL lectures, E-Books, Question Banks, Animations/simulations, Teaching/Learning Resources, etc. through Learning Management System (LMS) software tool
- w. Bio-metric system for online attendance monitoring of Staff
- x. Supporting to Online Admission/Placement tests
- y. Annual Maintenance Contract (AMC) with vendors of software and hardware
- z. Preventive maintenance of hardware/software/networking infrastructure
- aa. Short Messaging Service to staffs and parents
- bb. AdHoc Demands of campus ICT



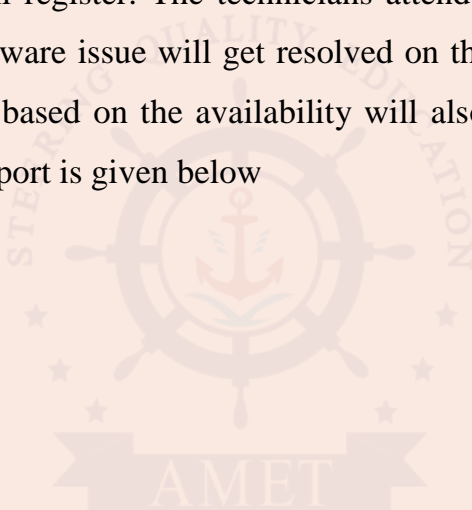
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b) Planning in terms of:

- a. Upgrading to state-of-art ICT technology
- b. E-Waste Management
- c. Green campus

c) Helpdesk of the division:

Any issues related to hardware, software, network, internet capacity, Wi-Fi, etc. are reported via a service call register. The technicians attend the calls within 24 hours and get them closed. Software issue will get resolved on the same day itself whereas the replacement of spare based on the availability will also get resolved. A sample copy of the service call report is given below






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COMPLAINT/REQUEST FORM FOR IT DEPARTMENT F361

Complaint/Request form for IT Department


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COMPLAINT / REQUEST FORM FOR IT DEPARTMENT
(Note Tickup () against Complaint or Request)

Complaint / Request related to

- 1) Desktop / Laptop / WI-FI / Internet / Printer / Scanner & Other Hardware
- 2) All Software related problems / Request Antivirus Update
- 3) Teaching Aids (Projector / Laptop)

Nature of Complaint/ Request :

Location :

Complainant's Name:

Dept./Roll No:

Report Date : Time:

Action Taken on Complaint / Request :

Rectified By: Name..... Signature :

Rectified on..... At.....

Rectification Verified By :

Name :

Dept./Roll No :

Date :

Signature :

Controlled Copy

F361AJ REV 00/01.10.12



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COMPLAINT / REQUEST FORM FOR IT DEPARTMENT

(Note Tickup () against Complaint or Request)

Complaint / Request related to

- 1) Desktop / Laptop / WI-FI / Internet / Printer / Scanner & Other Hardware
- 2) All Software related problems / Request Antivirus Update
- 3) Teaching Aids (Projector / Laptop)

Nature of Complaint/ Request : SYSTEM NOT WORKING
.....
.....
.....

Location : A. BLDG. NO. 01 - 1st FLOOR

Complainant's Name : MR. SUNIT KUMAR

Dept./Roll No : NA 101

Report Date : 4/2/2021 Time : 9-00

Action Taken on Complaint / Request :

SYSTEM ROM cleaned AND REPAIR
Temp files and Junk files cleaned

Rectified By: Name Parthiban P Signature : [Signature]

Rectified on 4/2/2021 At 9-54

Rectification Verified By :

Name : Sunit Kumar

Dept./Roll No : NA 101

Date : 04/2/2021

Signature : [Signature]

Controlled Copy

F361AJ REV 00/01.10.12

Complaint Rectified and verified



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PREVENTIVE MAINTENANCE CHECKLIST

Name of the event:

Date:

Date of the event: from _____ to _____

S.no	Procedures	Status	Remarks
1.	Backup all documents from all Computers		
2.	Delete temporal and obsolete files		
3.	Access to the computer is limited or not limited		
4.	Web camera, Headphone with Mic (if required)		
5.	Chrome browser cookies is cleared.		
6.	Availability of teams app without bugs		
7.	Verify the date and time of the system as per the IST		
8.	Internet speed sufficient as per the demand		
9.	Keyboard, Mouse and monitor are properly working		
10.	Backup power supplies for examination equipment		
11.	Testing the System prior to the event/ exam (at least 30 minutes before the event)		
12.	Surveillance camera (if required)		
13.	Technical support to troubleshoot during examination		

Checked by:

System Manager

E-Governance



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CAMPUS NETWORK:

AMET Campus is interconnected with high speed switches for accessing the data. L3 switch and a core L2 switch are placed in the Network Hub at the Mahatma Gandhi Block, First floor. The infrastructure is maintained in an appropriate environment providing adequate air conditioning and uninterrupted power supply meant for high availability.

AMET has different blocks/buildings named as:

- 1 Mahatma Gandhi Block
- 2 V O Chidambaram Block
- 3 Rabindranath Tagore Block
- 4 Bharathiyar Block
- 5 Vivekananthar Block
- 6 Jawaharlal Nehru Block
- 7 Ship In Campus
- 8 Dr.VBS Rajan Block

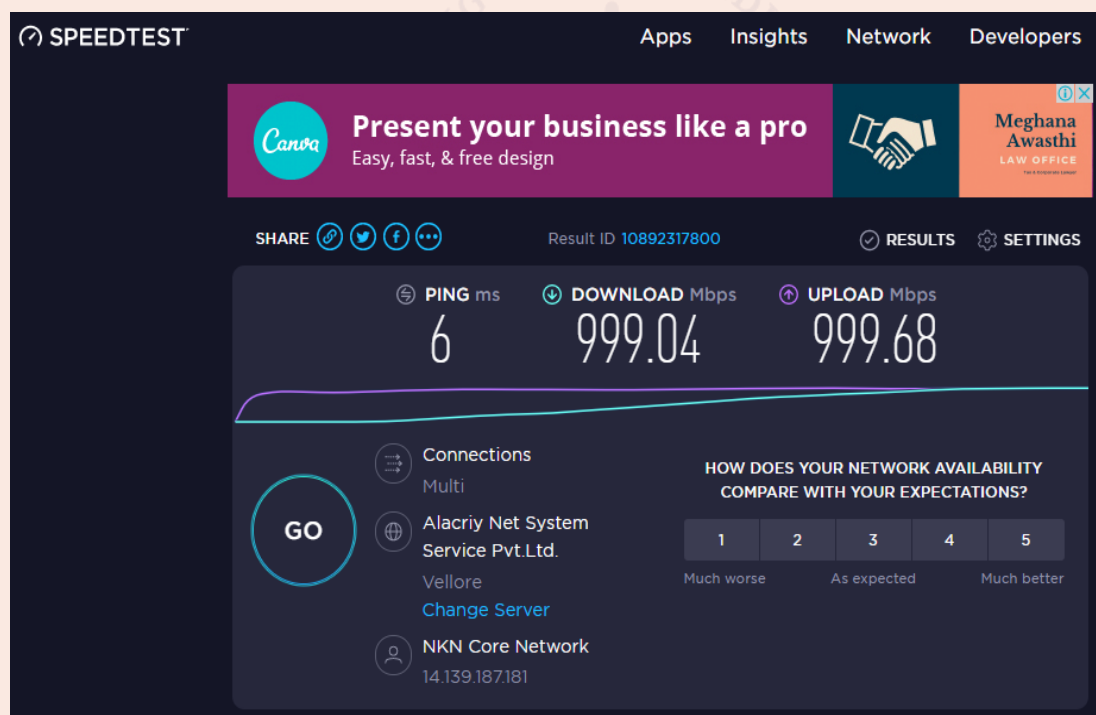
- ❖ All the blocks have Fiber back bone which is connected to the Layer 3 switch placed at the networking center. This is in a star topology so that shutdown at any single block network will not affect other blocks. The systems at individual blocks are interconnected with cat 6 cable (Gigabyte).
- ❖ Firewall Palo Alto (PA-820) protects the internal network from Gateway Antivirus, Intruder detection and content filtering. Dedicated internet leased lines are availed from two service providers namely BSNL and TIC. The Leased lines are terminated at the firewall. Deciding the right content filtering policy prevents from accessing unwanted sites thus saving the bandwidth and time.

- ❖ Hostel Wi-Fi facility is controlled by Dell Sonic firewall 4600 to ensure proper usage of the Internet facility. This is used to control Gateway Antivirus, Intruder detection and prevention and content filtering.

CAMPUS INTERNET:

The screen shot of Bandwidth testing done on the leased line circuits as follows

The internet bandwidth is provided by BSNL through National Knowledge Network (NKN) with 1Gbps, TIC Communications with 100 Mbps, TATA Wi-Fi of 100 Mbps till 2018. Tamizhaga Internet Communications Pvt Ltd (100 Mbps) is the additional Internet service provider.



1000 Mbps BSNL leased line Bandwidth

In case of a line failure, it can be switched to other line at reduced speed to have business continuity.



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HOSTEL NETWORK:

Ganga and Yamuna are the two hostels with sufficient access points dedicated to students. The hostels are provided with Ruckus access points for the students to access the Wi-Fi connectivity. Each floor in the hostels is provided with sufficient Access points in strategic position, so that cadets/students can use the Laptops easily. Dedicated internet leased line of bandwidth 100 Mbps line is provided exclusively for the cadets to access the internet. Support and service is provided by reputed company, TIC .

HOSTEL INTERNET

S.No	Hostel Name	Make/Model	APS	Cadets	Bandwidth
1	Ganga Hostel	RUCKUS	16	441	100 Mbps TIC
2	Yamuna Hostel	RUCKUS	35	1082	
3	Kaveri Hostel	RUCKUS	20	100	
			Total	2312	

SERVER ROOM:

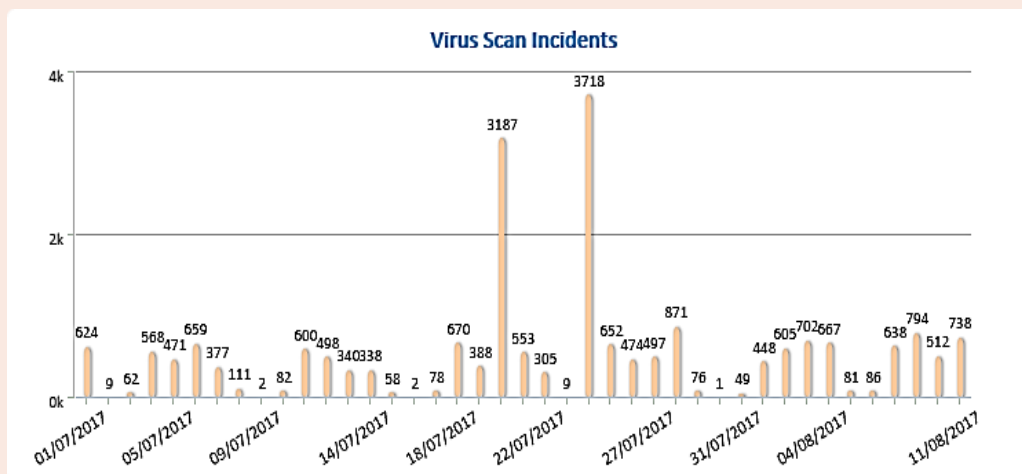
AMET placed its Network Hub point at the 1st Floor, Mahatma Gandhi block, where it houses the back bone of the AMET Network namely Servers, Switches, Firewalls, Wireless controller and Internet leased lines.

Equipment Name	Make & Model	Configuration	Nos
Server	DellpowerT410	DellPowerT410Intel(P)Xeon(4Cpu)	3
Server	DellPoweredge	Dell PowerEdge T110 II	2
Server	Hp	HP core I3 3rd Gen. 18.5 wide Led,	2
Server	Dell Optiplex	Dell Optiplex3020 i3 3.40Ghz,2gb,500gb	1
Server	Dell Server	Dell server	1
Server	Dell Poweredge	Dell PowerEdge T130 E3-1220vs	1
Server	INTEL	Intel I3 Kit, 3.00 Ghz, 2GB, 200 GB	1
Firewall	PALOALTO	PALOALTO FIREWALL PA 820	1

Firewall	SONIC	SONIC FIREWALL NSA 4600	1
Switches	D - LINK	L2 - D - LINK 24 PORT(dgs-3120-24tc)	1
Switches	D - LINK	L3 - D - LINK 48 PORT(dgs-3620-52t)	1
Switches	D - LINK	D- LINK -3000-28SC FC	1
Switches	Ruckus	ZONEDIRECT 3000 Ruckus wireless	1
Switches	D - LINK	L2 - D - LINK 24 PORT	5
Switches	D - LINK	D - LINK 24 PORT	16
Switches	LINKSYS	LINKSYS 24 PORT	1
Switches	D - LINK	D - LINK 8 PORT	4
Switches	NETGEAR	NETGEAR POE 16PORT	1
Switches	ZYXELL	ZYXELL 24 PORT	1
Switches	NETGEAR	NETGEAR POE 16PORT	1
Switches	NETGEAR	NETGEAR 24 PORT	1
Switches	NETGEAR	NETGEAR 8 PORT	1
Switches	NETGEAR	NETGEAR 24 PORT	2
Wireless Access Points	Ruckus	r500	21
Wireless Access Points	Ruckus	zf7341	33

Antivirus Protection:

In order to protect the systems from Virus attacks, anti-virus software from M/s Quick Heal has been installed in a centralized server with client module at each of the system at the end-user. Server will automatically push the latest patches to the clients every day. Once the end-user system connects to the server, the client agent communicates with server checks for any latest updates and pushes the patches. The USB devices will be automatically scanned for any virus when connected to desktops.



Monthly report of Quick Heal centralized antivirus.

Domain Servers:

Two domain servers are functioning with one domain server works as backup and standby. The backup domain server is for redundancy in case primary domain controller fails. The University Staff are provided with login account. Once they connect to the domain using domain policy their desktop is hardened, which will have uniform desktop policies. Through this domain policy we can prevent huge downloads and installation of software without the knowledge of the System Administrator, so that we can ensure smooth access of internet to all the users. The network connectivity problems are minimized by this. The DHCP server leases IP's to desktops.

Thin Client Lab Set Up for Library Network

The Library is equipped with thin clients for internet access to students and research scholars. A terminal server with its thin clients is exclusively for internet access and downloads. The client maintenance of thin client is easier and its load time is less compared to normal systems.



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Thin Client Lab Set Up for Library Network

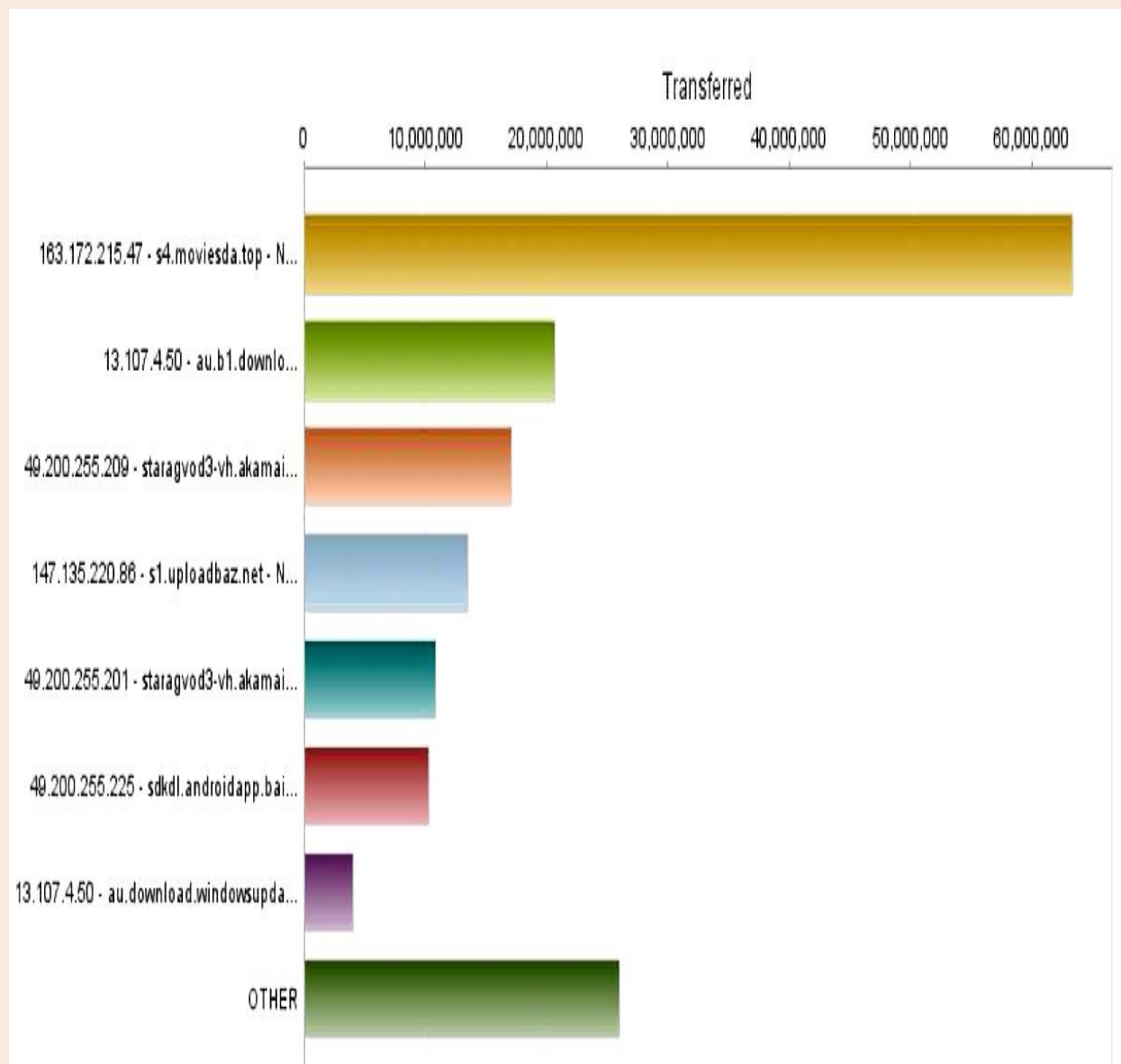
Equipment Name	Make & Model	Configuration	Nos
Thin Client	DELL Thin Client WYSE 3030	4GB FLASH/2GB RAM	9
Thin Client	Enjay Thin Client	1 GB Flash/2 GB RAM	3
Desktop	Dell Optiplex 3010	i3-3220 3.30GHZ/2GB/500GB/18.5LCD	15
Desktop	Lenova Think center	/i3-4170/3.70ghz/4gb/500gb/19' Led Lenova	3
Desktop	Dell Optiplex 330	Dell optiplex330/core2duo 2.53ghz/2gb/160gh hdd/18.5 Lcd dell	11

Firewall:

- ❖ The Palo Alto firewall is used to control the access to the Internet; also it provides gate way security, Intrusion prevention and correction mechanism.
- ❖ It provides content filtering so that only genuine requirement of internet access is provided
- ❖ Blocked for campus internet categories like social network, games, movie download (streaming), sports
- ❖ Dell Sonic firewall for the content filtering of the hostel Wi-Fi network used by the cadets

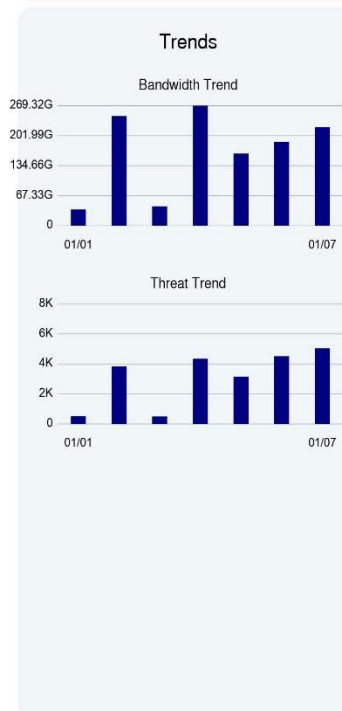
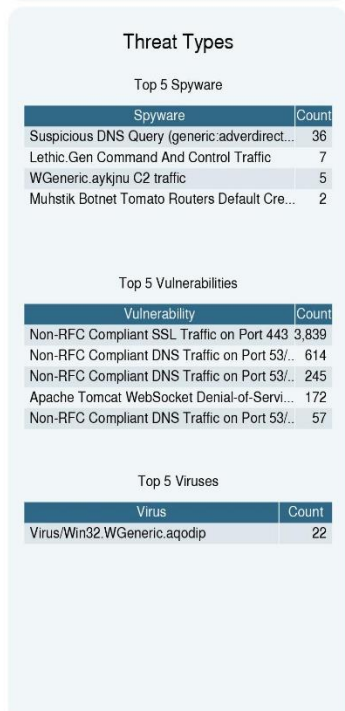
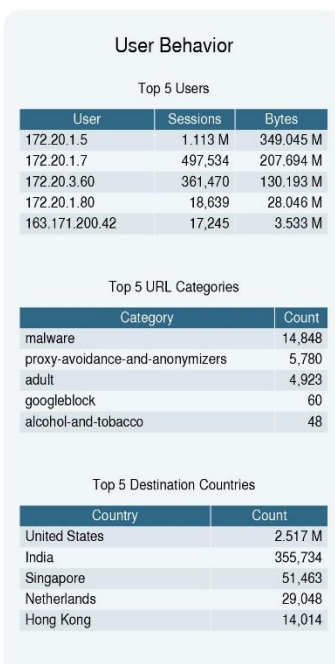
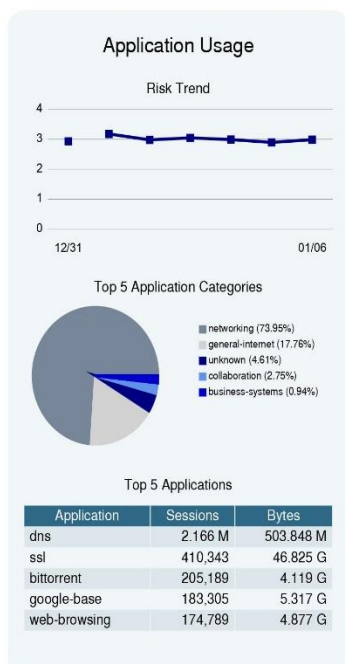
The screen shot given below shows the report from Palo Alto / Dell Sonic firewall. These reports are used to find the issues in the system and any corrective action to be taken is intimated to the concerned users.

DELL SONIC FIREWALL REPORT (WIFI)



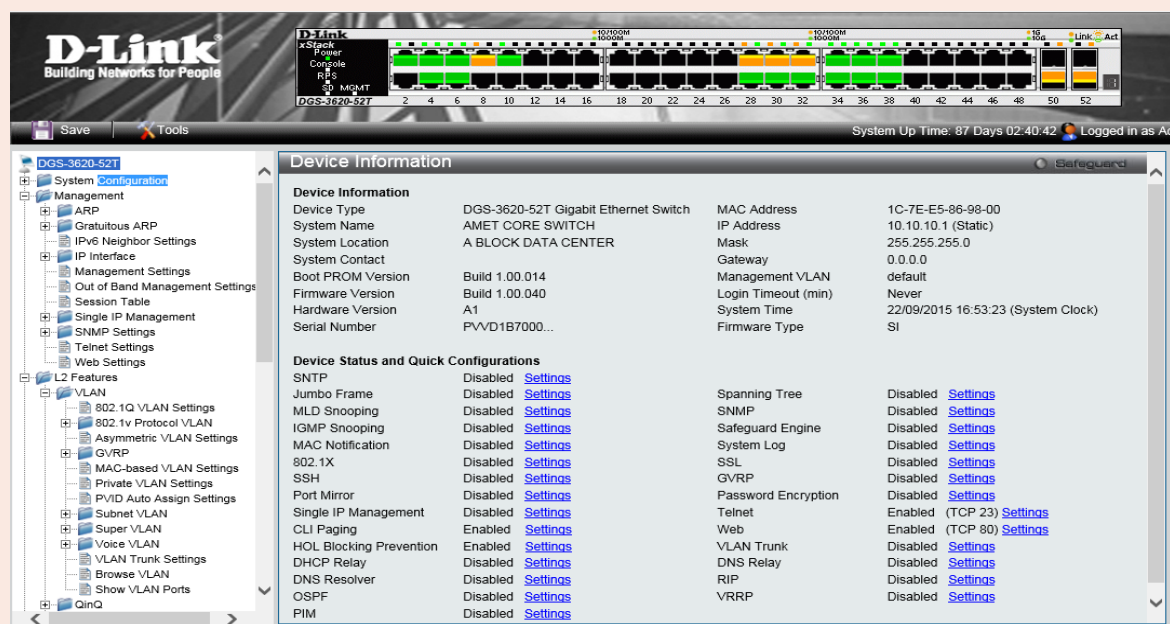
PALO ALTO Firewall Report for Campus Internet:

Application and Threat Summary PA-820 - Jan 07, 2021



Network and Layer 2 Switches:

The network layout is architected in such a way that trouble shooting and isolation of network issues are made easier. The network points are terminated at Network Hub. The blocks are individually connected to the Layer 3 Switch at the Network Hub. All the L2 switches are connected to the Layer 3 switch to manage it easier. OFC cable is used to have minimum data loss. A sample screen shot of the switch is given below:



DLINK SWITCHES DEVICE INFORMATION

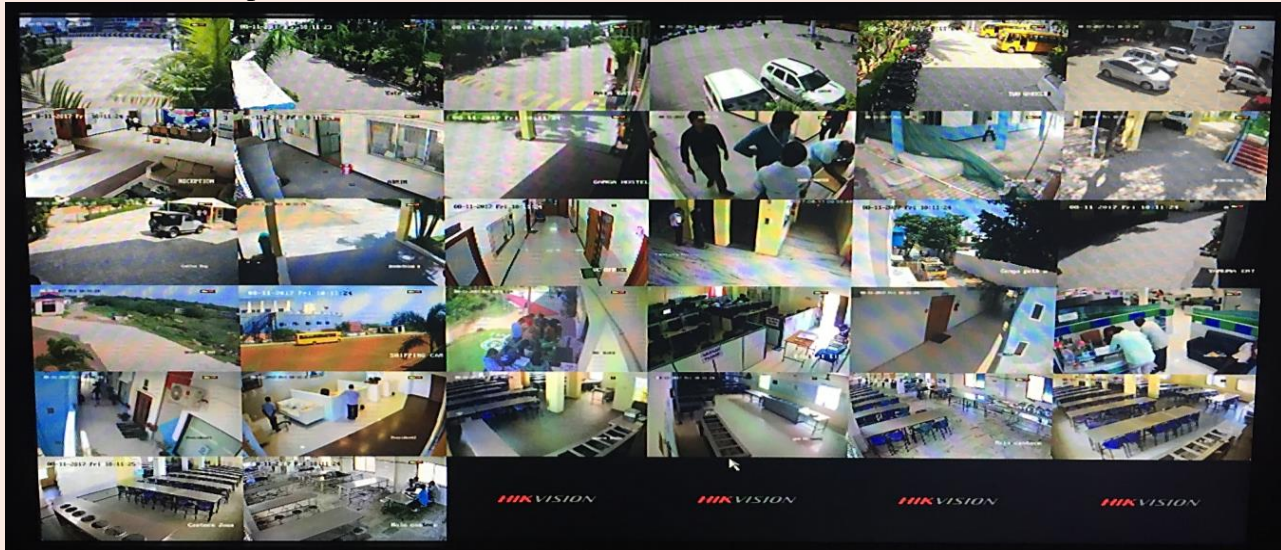
SURVEILLANCE CAMERAS

The Campus is provided with Surveillance cameras in all strategic locations. They are recorded using the Digital Video Recorder with 12 TB of data to have minimum two weeks of data. The following locations are provided with the cameras.

1. Campus wide – 32 Cameras
2. Library – 4 Cameras
3. Controller of Examination – 3 cameras

All the events are recorded and can be replayed using application software. A screen shot of the live data is given below.

CCTV View- Campus wide:



CCTV View- Controller of Examination:



BIO METRIC:

Biometrics technology is employed for the employee time management system because of its ability to recognize people's unique physiological characteristics. Because biometrics terminals read a person's unique fingerprint, iris, hand shape, or face shape, they ensure that employees cannot clock in for one another, thereby preventing employee time theft. AMET has both finger-print and face recognition biometric systems. Sample images of Biometric equipment are shown below



BIOMETRIC DEVICES

Computer Assisted Teaching Aids:

AMET encourages the teaching faculty to practice innovative teaching methods in the classrooms for effective teaching. The teaching aids, such as LCD Projector, smart board, and computer assisted teaching and learning aids such as PowerPoint, simulator, video lectures, Wi-Fi and internet connectivity for virtual class and flipped class, are prominently implemented as part of their teaching.

Smart Classroom:

Smart Classroom facility is provided in every core department for practicing effective teaching. The Network and system administration team supports for the implementation of the smart class room. The classroom has the teaching aids such as LCD Projector, smart

board, internet and Wi-Fi connectivity that assist in implementing innovative teaching methods. Flipped Class augments collaborative learning through activity based learning methods. To facilitate student centric activities, they may require smart room facilities to support collaborative learning.



SMART CLASSROOM WITH SMART BOARD

Video Conferencing Facility:

AMET provides video conferencing equipment for placement and educational purpose. This is installed in the placement office to cater to Interview for students and learning with other peers. This equipment is provided with dedicated IP address so that it can be used for direct communication.



Server surveillance camera controller

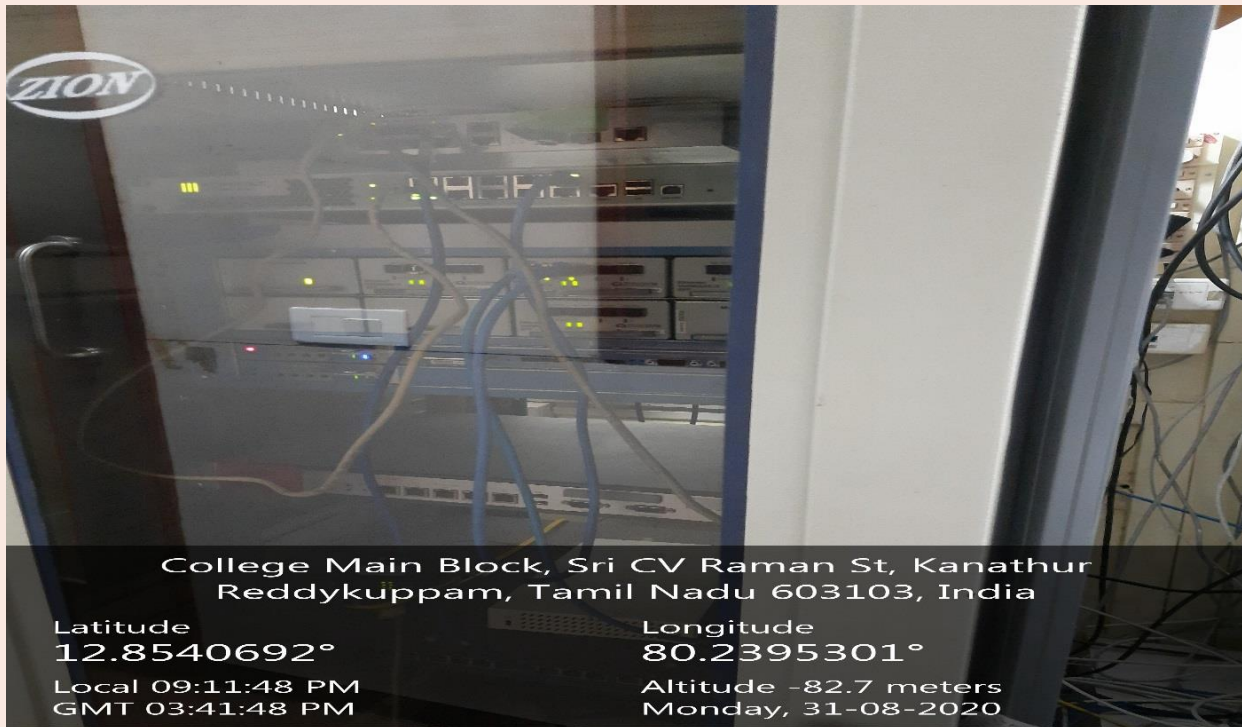


Common server room



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College Main Block, Sri CV Raman St, Kanathur
Reddykuppam, Tamil Nadu 603103, India

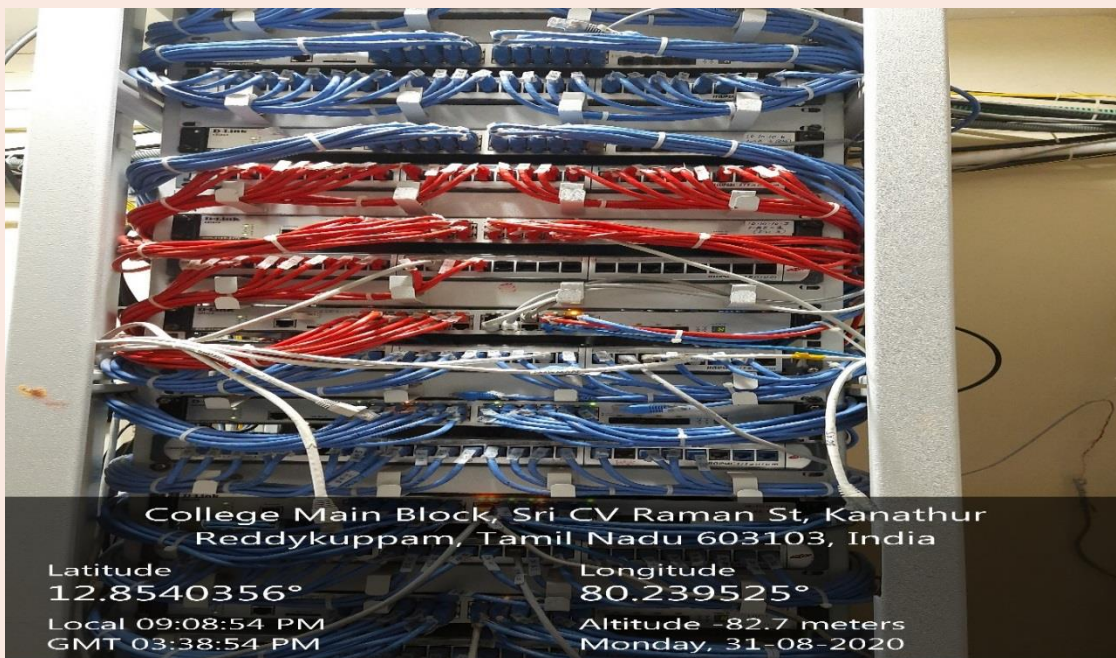
Latitude
12.8540692°

Local 09:11:48 PM
GMT 03:41:48 PM

Longitude
80.2395301°

Altitude -82.7 meters
Monday, 31-08-2020

Network Rack



College Main Block, Sri CV Raman St, Kanathur
Reddykuppam, Tamil Nadu 603103, India

Latitude
12.8540356°

Local 09:08:54 PM
GMT 03:38:54 PM

Longitude
80.239525°

Altitude -82.7 meters
Monday, 31-08-2020

Switch Rack



Surveillance monitor



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Bently SACS Design Software Invoice



Aryatech Marine & Offshore Services Pvt. Ltd.
E-36, Hauz Khas, New Delhi 110016
Tel: +91 11 46018102 Fax: +91 11 46018103
Email: info@aryatech.net, Website: www.aryatech.net



INVOICE

PAN Number: AAFCA6080N
Service Tax Regn No: AAFCA6080NSD001
Service Category: - (00440057)-CONSULTING ENGINEER

To:	Commander Satish Raja Verma Professor & Director (School of naval Architecture & Offshore Engineering Amet University	Invoice No	ARIN17-AMET-ACI-011
		Invoice Date	11 th May 2017
		PO No	2017-18/P/2062
		Currency	INR
ATTN:	Commander Satish Raja Verma		

Particulars	Offshore & Naval Engineering Software for 5 Years	Qty	Total
List Price	7,50,000.00	1	7,50,000.00
Total			7,50,000.00
Services Tax @14%	1,05,000.00	1	1,05,000.00
Swach Bharat Cess @0.5%	3,750.00	1	3,750.00
Krishi Kalyan Cess @0.5%	3,750.00	1	3,750.00
Final Price			8,62,500.00
Amount in words- Eight lakh sixty two thousand five hundreds rupees only			
Currency			INR

PAYMENT INSTRUCTIONS

Payable to: Aryatech Marine & Offshore Services Pvt Ltd.
E-36 Hauz Khas New Delhi 110016 India
Bank Name: YES BANK LTD- A/2A, GROUND FLOOR GREEN PARK, NEW DELHI 110016
Account Number: 005561900001734
Swift Code: YESBINBBDEL

TERMS & CONDITIONS

- 1) Payment terms: 100% Payment in Advance
- 2) All Bank charges are on account of client


Mr. Tarun Rewari
Director



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Palo Alto Firewall Invoice

TAX INVOICE

(ORIGINAL FOR RECIPIENT)

Rox Trading and Systems Pvt Ltd Old # 101-B, New # 160, Mahalingapuram Main Road Mahalingapuram, CHENNAI - 600 034 GSTIN/UIN: 33AABCR9542C1ZM State Name : Tamil Nadu, Code : 33		Invoice No. SAL/682/20-21		Dated 18-Dec-2020		
		Delivery Note		Mode/Terms of Payment Immediate		
		Supplier's Ref. Agna		Other Reference(s) Sal Opp No :		
		Buyer's Order No. 2020-21/W/0119		Dated 4-Dec-2020		
		Despatch Document No.		Delivery Note Date		
		Despatched through E Delivery		Destination Chennai		
		Terms of Delivery Immediate				
Consignee Amet University 135, East Coast Road, Kanathur - 603112 GSTIN/UIN : 33AAATP0243L1ZR PAN/IT No : AAATP0243L State Name : Tamil Nadu, Code : 33						
Buyer (if other than consignee) Amet University 135, East Coast Road, Kanathur - 603112 GSTIN/UIN : 33AAATP0243L1ZR PAN/IT No : AAATP0243L State Name : Tamil Nadu, Code : 33 Place of Supply : Tamil Nadu						
SI No.	Description of Services	Part No.	Quantity	Rate	per	Amount
1	Threat prevention subscription renewal, PA-820 Serial No : 012001022722	PAN-PA-820-TP-R	1 No.	60,850.00	No.	60,850.00
2	PANDB URL filtering subscription renewal, PA-820 Serial No : 012001022722	PAN-PA-820-URL-4-R	1 No.	60,850.00	No.	60,850.00
3	Partner enabled premium support year 1 renewal, PA-820 Serial No : 012001022722	PAN-SVC-BKLN-820-R	1 No.	53,850.00	No.	53,850.00
						1,75,550.00
OUTPUT SGST @ 9%						9 %
OUTPUT CGST @ 9%						9 %
Total						3 No.
						₹ 2,07,149.00
Amount Chargeable (in words) Indian Rupees Two Lakh Seven Thousand One Hundred Forty Nine Only E. & O.E						
HSN/SAC		Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount
997331		1,21,700.00	9%	10,953.00	9%	10,953.00
998319		53,850.00	9%	4,846.50	9%	4,846.50
Total		1,75,550.00		15,799.50		15,799.50
						31,599.00
Tax Amount (in words) : Indian Rupees Thirty One Thousand Five Hundred Ninety Nine Only						
Company's PAN : AABCR9542C		Company's Bank Details				
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.		Bank Name : HDFC BANK LTD				
Customer's Seal and Signature		A/c No. : 50200003131256				
		Branch & IFS Code : MYLAPORE & HDFC0000323				
		for Rox Trading and Systems Pvt Ltd Authorized Signatory				

SUBJECT TO CHENNAI JURISDICTION
This is a Computer Generated Invoice






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Design Software AVEVA Invoice

TAX INVOICE		AVEVA		CONTINUAL PROGRESSION	
AVEVA Information Technology India Pvt. Ltd. Level 5, Centrepark #34, Junction of Juhu & SV Road, Santacruz (West), Mumbai - 400 054 Tel : +91 22 67103212 / 13 / 14 Fax : +91 22 67103257		Invoice No. IN-014211-12 2722		Dated: 20th November 2011	
		Delivery Note		Other Reference(s) SLAP 1001	
		Supplier's Order No.		Dated:	
Consignee: AMET University 155, East Coast Road, Kandhrup-803132 Chennai		Despatch Document No.		Dated:	
Kind Attn: Mr. S. K. Balaji, Joint Pro-Chancellor		Despatched Through		Destination	
Description of Goods	Quantity	Rate	Per	Amount	
ANNUAL FEES For the period 15th January 2012 to 15th January 2013 AVEVA MARUSE AVEVA Initial Design Geometry AVEVA Initial Design Hydrostatics AVEVA Initial Design Hydrodynamics AVEVA Hull Drafting AVEVA Hull Detail Design AVEVA Hull Structural Design AVEVA Hulling AVEVA Diagnostics AVEVA Review	8 4 8 8 2 6 2 1 2 1	Package		14,62,000	
GST @8%				73,000	
Total				14,75,000	
(Rupees Fourteen Lacs Seventy Thousand Only)					
E & O E					
Terms & Conditions: Payment terms: 1. 100% payment to be made immediately. 2. Payment made after due date will be charged an interest rate of 2% per month. 3. Cheques or Demand Drafts should be drawn in favour of AVEVA Information Technology India Pvt. Ltd. Payable at Mumbai.					
VAT TIN : 32640587733V w.e.f. 16.06.2005 GST : 27640587733D w.e.f. 16.05.2006 Service Tax No.: AADCA3847VST962 PAN No. : AADCA3847K					
We hereby certify that any of Registration certificate under the Maharashtra Value Added Tax Act, 2002 is in force on the date on which the sale of goods specified in this Tax Invoice is made by us and that the transaction of sale covered by this Tax Invoice has been effected by us and it shall be accounted for the turnover of sales while filing of return and the due tax, if any, payable on the sale has been paid or shall be paid.					
For AVEVA Information Technology India Pvt. Ltd.  Authorized Signatory					


AVEVA Information Technology India Private Limited
Level 5, Centrepark, 34, SV Road, Santacruz (W), Mumbai - 400054, India
Tel: +91 22 6710 3212 Fax: +91 22 6710 3257 E-mail: aveva@aveva.com



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING
Deemed to be University Under Section 3 of UGC Act 1956

Design Software Plaxis 3D Invoice


Change for better
Ram Caddsys Pvt. Ltd.

INVOICE

Invoice No.		Date	
013/AU/TH/03/2012-2013		01.06.2012	

VAT	CST
33851423239	841066
Service Tax No	AAECR3345PSD001
PAN No	AAECR3345P

Bill To	Purchase Order		Challan	
	No.	Date	No	Date
AMET UNIVERSITY 135, East Coast Road, Kanathur - 603112	0011	29.05.12	013	01.06.12

S. No	Description	Unit Price Rs.	Quantity No.	Total Rs.	
1	PLAXIS 3D 2011 Software – Educational Version With Plaxis 3D and 3D Dynamics Lock No:2-1615445 (10 User Network License)	13,42,500.00	1	13,42,500.00	
		Less	Discount	92,500.00	
			Sub Total	12,50,000.00	
				ST 5%	62,500.00
				Total	13,12,500.00

Rupees in Words: Thirteen lakhs twelve thousand five hundred only.

for Ram Caddsys Pvt Ltd