



**SRI SIVASUBRAMANIYA NADAR COLLEGE OF
ENGINEERING**

(An Autonomous Institution)
Kalavakkam - 603 110

SELF STUDY REPORT

4.3.1

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

Submitted to

The National Assessment and Accreditation Council
February 2024

Declaration

This is to certify that the documents available related to this metric is more than 5MB. Hence, sample documents are given in the upcoming pages. Further, other supporting documents are provided in the weblink. All links/Pictures/Documents/ others are verified and authenticated.

V E

ANNAMALAI

Digitally signed by

V E ANNAMALAI

Date: 2024.02.22

11:15:01 +05'30'

SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

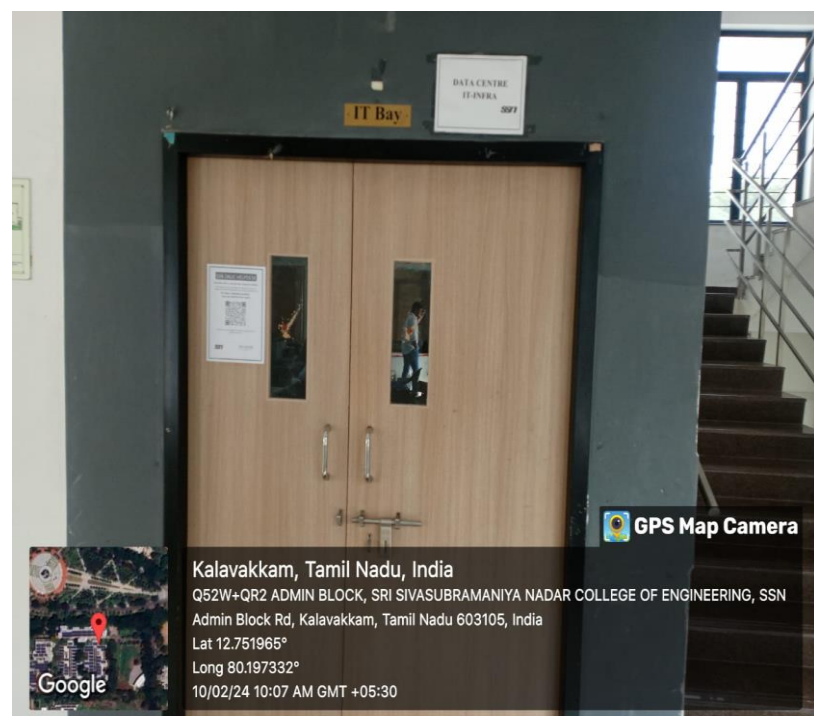
(An Autonomous Institution)

Kalavakkam - 603 110

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

The IT facilities team evaluates the need for any upgradation and frequently updates the facilities. The requirement for upgrades is identified during the quarterly in SSN Centre for Innovative Practices in Education (SCIPLE) meeting with HoDs. Institute has IT policy, covering all aspects of Wi-Fi, cyber-Security, access controls etc. The IT facilities department has exclusive annual budget for upgradation of IT facilities. The Data center which hosts two cisco C9500 core switches with two Fortigate firewalls along with a 4 node Hyper-V cluster for compute. The whole campus is connected both by LAN and Wi-Fi. All hardware and software are kept upto date with the latest versions. The table below shows the internet details of the campus.

Name of the Internet provider	M/s. Airtel and M/s. JIO
Available bandwidth	1Gbps + 1Gbps = 2Gbps
Access speed	Depends on number of users at any point of time
Availability of internet in an exclusive lab	YES
Availability in most computing labs	YES
Availability in departments and other units	YES
Availability in faculty rooms	YES
Institute's own e-mail facility to faculty. students	Institution email id *@ssn.edu.in is given to faculty, staffs and students
Security. Privacy to e-mail. Internet users	YES
WiFi	Around 667 access points covering entire Campus



SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING

(An Autonomous Institution)

Approved by AICTE, New Delhi and Affiliated to Anna University

Rajiv Gandhi Salai (OMR), Kalavakkam - 603 110, TN, India.

Tel: +91 44 2746 9700

www.ssn.edu.in

Administrative Office: New No.19, Old No.8, 3rd Main Road, Kasthuribai Nagar, Adyar, Chennai - 600 020.

Tel: +91 44 2441 1656, 2441 6474

WORK ORDER (Ex-Post Facto)

Ref: WO/024/SSN/2023-24

Date: 25.04.2023

M/s. Bharti Airtel Limited
101, Oceanic Towers, Santhome High Road,
Santhome, Chennai - 600 028.
Mobile: +91 82200 17944
Email: a_Arun.R@airtel.com
GST No. 33AAACB289461ZU

Sub: Work order - Unmanaged Internet Leased Line (ILL) service - 1 Gbps Single Drop (1:1) - reg.

This is with reference to your proposal no. South/ILL/Eth/1024 Mbps/10122021/Z1/D01 and our subsequent discussions regarding the purchase of 1 Gbps Single Drop (1:1) capacity ILL (Internet Leased line). we have a pleasure to place our order on you with the following details:-

ILL Capacity	1 Gbps Single Link (1:1)
Static IPS IPV4	32 in total

Installation address: SSN College of Engineering, Rajiv Gandhi Salai (OMR), Kalavakkam - 603110.

One Time charges: NA

Annual recurring charges: Rs. 18,00,000/- GST extra as applicable

(Amount in words: Eighteen lakhs only)

Contract period: 12 Months w.e.f 1st October 2022 to 30th September 2023.

Payment Terms: Quarterly Advance

Delivery time: 4 - 5 weeks from the completion of the required documentation.

Billing: To start from the date of ILL delivery

Billing address: SSN TRUST (SSN College of Engineering), GST No.33AAATS2240Q1ZD

Rajiv Gandhi Salai (OMR), Kalavakkam - 603 110.

All other terms and conditions will be applicable as per the service agreement & your proposal.

You are requested to contact Mr. Ajitpaul, Asst. Director, IT and take instructions for further coordination.

Yours sincerely,



(Kala Vijayakumar)
Authorised Signatory





Sangeetha P <sangeethap@ssn.edu.in>

[civil.faculty:11528] Panopto License

3 messages

Shashikant Albal <svalbal@ssn.edu.in>

Tue, Aug 16, 2022 at 10:08 AM

To: SSN Faculty Members <ssn.faculty@ssn.edu.in>

Cc: Principal SSN <principal@ssn.edu.in>, viceprincipal SSN <viceprincipal@ssn.edu.in>, hods <hods@ssn.edu.in>

Dear Sir/Madam,

We obtained the Panopto license in 2020 for two years to enable the faculty members to create videos of their lectures to support the online education due to Pandemic.

The Panopto license is expiring on 4th September. Since the classes are held on campus, it has been decided not to renew the Panopto license. Please take backup of your videos if they are stored in the Panopto cloud.

with regards,
Shashikant Albal

===

Dr. Shashikant V. Albal
Director, SSN School of Advanced Career Education
Old Mahabalipuram Road, Kalavakkam 603110, Off Chennai, India
Mobile: +91-98410 90209 / +91-63818 00149
Email: svalbal@ssn.edu.in Website: sace.ssn.edu.in

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Sangeetha P <sangeethap@ssn.edu.in>

[civil.faculty:12470] Renewal of annual license for Turnitin

1 message

Shashikant Albal <svalbal@ssn.edu.in>

Wed, Feb 22, 2023 at 10:42 AM

To: SSN Faculty Members <ssn.faculty@ssn.edu.in>

Cc: hois <hois@ssn.edu.in>, "Radha S." <RadhaS@ssn.edu.in>, Aravindan Chandrabose <aravindanc@ssn.edu.in>

Dear Sir/Madam,

I am happy to inform you that the annual subscription of the Turnitin has been renewed.

Please use Turnitin only to check your papers and papers of your research scholars. Do not use Turnitin to check papers received for the conferences which you might conduct in this year.

Please do not save the papers to the Standard Paper Repository, if the same paper needs to be checked multiple times to avoid "Duplication Error" as you cannot delete the paper from the "Standard Paper Repository". Choose "No Repository Option".

However, you can save the papers to "Standard Paper Repository" only once the papers are approved by the authorities (Internally or Externally) to guard the ethical work. Additionally, you can make use of Institutional Repository to understand Student Collision for Class Assignments or Internal Assessments, here the duplication error will not occur if there are multiple submissions for similar papers.

We are arranging an online training program on 1st March 2023 at 2 pm to discuss and resolve any problems you might have faced while using Turnitin. Please let us know if you have faced any problems/issues in

- Saving and uploading papers
- Creating assignments for classes

Your earlier communication will help the Turnitin SME to offer the online training. Awaiting your response.

with regards,
Shashikant Albal

===

Dr. Shashikant V. Albal
Director, SSN School of Advanced Career Education
Old Mahabalipuram Road, Kalavakkam 603110, Off Chennai, India
Mobile: +91-98410 90209 / +91-63818 00149
Email: svalbal@ssn.edu.in Website: sace.ssn.edu.in

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<https://mail.google.com/mail/u/0/?ik=ee510835b7&view=pt&search=all&permthid=thread-f:1758506827577306198&siml=msg-f:1758506827577306198> 1/1

V E

ANNAMALAI

Digitally signed by

V E ANNAMALAI

Date: 2024.02.22

11:15:23 +05'30'



Sangeetha P <sangeethap@ssn.edu.in>

[civil.faculty:11907] Interactive in-person session on MATLAB and SIMULINK

3 messages

Shashikant Albal <svalbal@ssn.edu.in>

Mon, Oct 31, 2022 at 3:34 PM

To: SSN Faculty Members <ssn.faculty@ssn.edu.in>

Cc: Principal SSN <principal@ssn.edu.in>, viceprincipal SSN <viceprincipal@ssn.edu.in>, hods <hods@ssn.edu.in>

Dear Sir/Madam,

I am happy to inform you that we have renewed the annual license for MATLAB and SIMULINK software, which is used in the research work by many departments.

There will be an in-person interactive session by experts from Mathworks for faculty members, researchers and students, who are using the MATLAB and SIMULINK for their research. The session will elaborate the new features of the software through case study of AI, ML and Data Science. The session will be held on 8th November from 1:45 pm to 3:30 pm in SACE block.

I am herewith attaching the poster giving more information about the session. Please attend the session along with your students.

with regards,
Shashikant Albal

===

Dr. Shashikant V. Albal

Director, SSN School of Advanced Career Education

Old Mahabalipuram Road, Kalavakkam 603110, Off Chennai, India

Mobile: +91-98410 90209 / +91-63818 00149

Email: svalbal@ssn.edu.in Website: sace.ssn.edu.in

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**SSN_MATLAB_Anywhere_Session_Poster.pdf**

438K

Shashikant Albal <svalbal@ssn.edu.in>

Mon, Nov 7, 2022 at 11:56 AM

To: SSN Faculty Members <ssn.faculty@ssn.edu.in>

Cc: Principal SSN <principal@ssn.edu.in>, viceprincipal SSN <viceprincipal@ssn.edu.in>, hods <hods@ssn.edu.in>

Dear Sir/Madam,

This is in continuation with my earlier mail dated 31st Oct 2022 regarding Interactive In-person session on Matlab and Simulink.

Please note the session will be held **tomorrow (8th November) from 1:45 pm to 3:30 pm in the Assembly Hall, SACE block.**

The session coverage

- New features of the Matlab and Simulink
- Case study of the Data Science, AI and ML applications using Matlab

For your ready reference, I am herewith attaching the session poster.

Please attend the session along with your research scholars and students.

with regards,
Shashikant Albal

===

Dr. Shashikant V. Albal
Director, SSN School of Advanced Career Education
Old Mahabalipuram Road, Kalavakkam 603110, Off Chennai, India
Mobile: +91-98410 90209 / +91-63818 00149
Email: svalbal@ssn.edu.in Website: sace.ssn.edu.in

[Quoted text hidden]

 **SSN_MATLAB_Anywhere_Session_Poster.pdf**
438K

Shashikant Albal <svalbal@ssn.edu.in> Thu, Nov 10, 2022 at 2:38 PM
To: SSN Faculty Members <ssn.faculty@ssn.edu.in>
Cc: Principal SSN <principal@ssn.edu.in>, viceprincipal SSN <viceprincipal@ssn.edu.in>, hods <hods@ssn.edu.in>, Mugunth P <mugunthp@ssn.edu.in>

Dear Sir/Madam,

This is in continuation with my earlier mail regarding the renewal of MATLAB License for SSN.

I am here with attaching the MATLAB Installation Guide. Please circulate with students and research scholars who are interested in using MATLAB.

With regards,
Dr. Shashikant V. Albal
Director, SSN School of Advanced Career Education
Old Mahabalipuram Road, Kalavakkam 603110, Off Chennai, India
Mobile: +91-98410 90209 / +91-63818 00149
Email: svalbal@ssn.edu.in Website: sace.ssn.edu.in

[Quoted text hidden]

 **MATLAB Installation Guide - SSN College of Engineering.pdf**
1078K

List of MATLAB Tools available for user at SSN

Toolboxes Available in standard Suite	List of additional toolboxes selected
Bioinformatics Toolbox	5G Toolbox
Control System Toolbox	Audio System Toolbox
Curve Fitting Toolbox	Automated Driving System Toolbox
Data Acquisition Toolbox	Bioinformatics Toolbox
DSP System Toolbox	Communications System Toolbox
Image processing toolbox	Computer Vision System Toolbox
Instrument Control Toolbox	Database Toolbox
MATLAB	Deep Learning Toolbox
Optimization Toolbox	Fixed-Point Designer
Parallel Computing Toolbox	Fuzzy Logic Toolbox
Signal Processing Toolbox	Global Optimization Toolbox
Simscape	GPU Coder
Simscape Multibody	Image Acquisition Toolbox
Simulink	LTE System Toolbox
Simulink Control Design	Mapping Toolbox
Stateflow	MATLAB Coder
Statistics and Machine Learning Toolbox	Matlab Distributed Computing Toolbox
Symbolic Math Toolbox	MATLAB Report Generator
	OPC Toolbox
	Partial Differential Equation Toolbox
	Phased Array System Toolbox
	RF Blockset
	RF Toolbox
	Sensor Fusion and Tracking
	SimBiology
	Simscape Electricals
	Simulink 3D Animation
	Simulink Coder
	Simulink Desktop Real-time
	Simulink Real Time
	Simulink Report Generator
	System Identification Toolbox
	Text Analytics Toolbox
	Vehicle Network Toolbox
	Vision HDL Toolbox
	Wavelet Toolbox
	WLAN System Toolbox

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Tel: +91 44 2441 1656, 2441 6474

PURCHASE ORDER

Amended-1

Amended Date : 03-01-24

M/S

Embee Software Pvt. Ltd.

5th Floor, 507-508, DLF Tower A

Old Mathura Road, New Delhi New Delhi

Vendor GST No. : 07AAACE6958L1Z6

Vendor No. : VD010737

Mobile No. +91 9643404015

Email : pavan.verma@embee.co.in

Bill To

SSN Trust (SSN College of Engineering)

GST Reg No : 33AAATS2240Q1ZD

Rajiv Gandhi Salai (OMR), Kalavakkam Chengalpet , TN, IN 603110

Ph No.:+91 44 27469700

Order No.

DPO202DEC23/00022/VER 1

Order Date

19-Dec-2023

Ship To

SSN Trust (SSN College of Engineering)

GST Reg No : 33AAATS2240Q1ZD

Rajiv Gandhi Salai (OMR), Kalavakkam Chengalpet, TN, IN603110

Ph No.:+91 44 27469700

With reference to your Quote / our Order No. EMAIL dated 6 Dec 2023, we have a pleasure to place our order on you for the supply of the below mentioned item(s) on the terms and conditions written below:-

SNo.	Description	Description 3	Description 4	Make / Brand	Model	UOM	Qty.	Unit Rate	Amount	Discount %	Discount	GST %	IGST	Total
	Microsoft EES Renewal 2024-25 - SSN College of Engineering													

Continued...



1	Microsoft EES License - M365 EDU A3 ShrdSvr ALNG SubsVL MVL PerUsr	Campus EES Agreement	FTE		AAA-73004	NOS	500	4091	20,45,500.00	0	0.00	18	368190	24,13,690.00
2	Microsoft EES License EDU License: M365 EDU A3 Unified ShrdSvr ALNG	SubsVL MVL PerUsr STUUUseBnft	Standard Pack		AAD-38397	NOS	1	0.1	1.00	100	0.10	0	0	0.00
	Round Off												0	
														0.00
	Total								20,45,501.00		0.10		368190	INR 24,13,690.00

Total In Words

**** TWENTY FOUR LAKH THIRTEEN THOUSAND SIX HUNDRED NINETY RUPEES AND ZERO PAISA ONLY

Breakup GST

1. IGST

368190

18 %

Special Terms & Conditions

Serial No.	Terms	Description
1	Price Basis	The prices are firm and fixed till the completion of entire work without any escalation due to any reason.
2	Payment	100% payment will be released based on your certified invoice from the concerned Department.
3	T.D.S & any other cess	T.D.S & any other cess, taxes or levies shall be deductible as per law if applicable.
4	GST	Included.
5	Delivery	Electronic Software Delivery (ESD) should be delivered within 1-2 weeks from the date of receipt of this PO.
6	Contact Person	Mr. Ajitpaul, Assistant Director-IT Infrastructure, Mobile: +91 9840334368.
7	NOTE	Arbitration: All disputes and doubts arising out of the order failing amicable settlement shall be referred to and settled by the courts and jurisdiction at Chennai City.

The Vendor has to sign & stamp (with date) on a copy of this purchase order as a token of acceptance in entirety and return the same to Buyer alongwith the invoice at the time of delivery of goods or services.

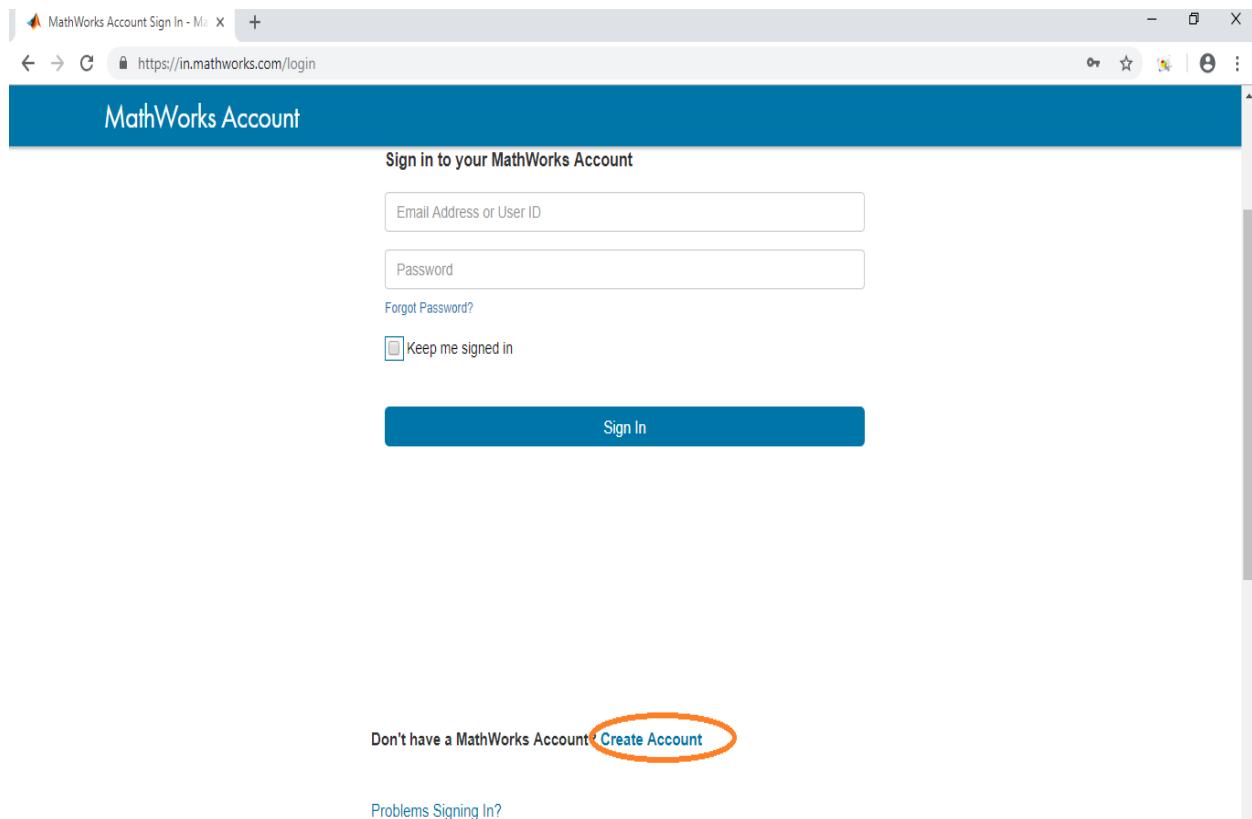
* Standard Terms and Conditions of this Purchase Order are mentioned below :

Delivery Timing : The goods shall be delivered to the concerned department during working hours between 8.00 a.m. and 3.00 p.m. The materials arriving after 3.30 p.m. will not be taken into stock.

This is a system generated document. It does not require a signature.

MATLAB INSTALLATION USING INDIVIDUAL LICENSE – INSTALLATION GUIDE

Step 1: Create a Mathworks account using SSN official mail ID (if you do not have a previous Mathworks account with SSN mail ID) by visiting the mathworks website (screenshot shown below). The mail ids can be faculty@ssn.edu.in or student@dept.ssn.edu.in (subdomain eg: krishna@eee.ssn.edu.in)

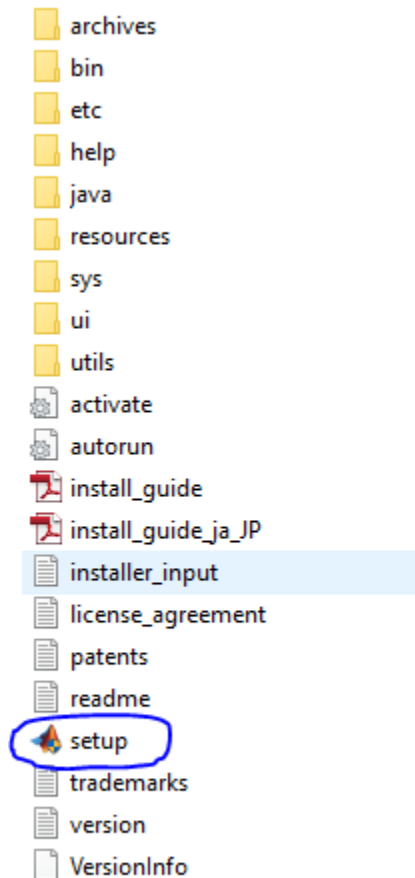


Click the create account link in the website (<https://in.mathworks.com/login>) as shown in the image.

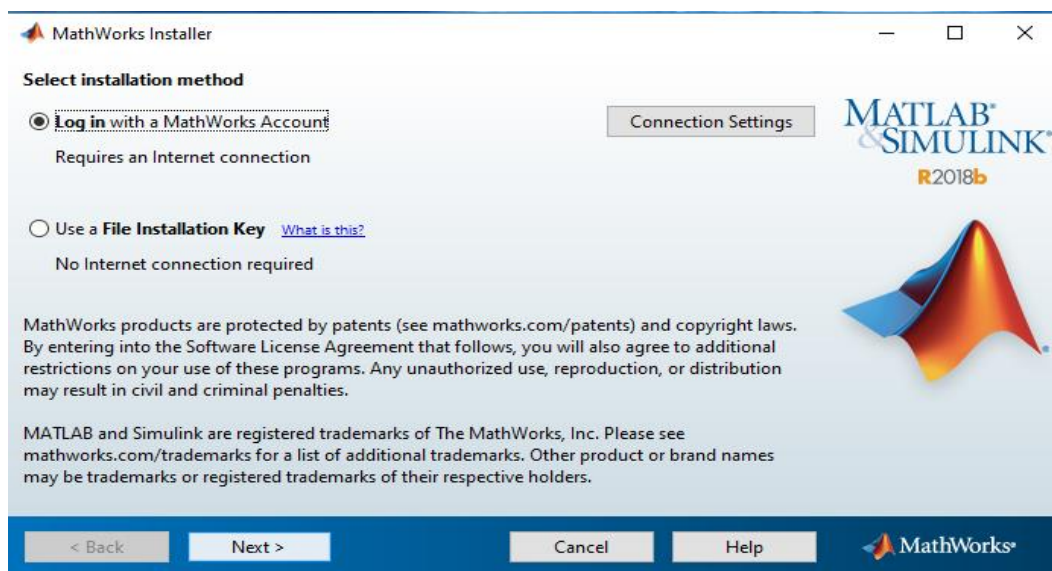
Step 2: The matlab setup zip file is available in the local intranet server. It can be downloaded using the following link:

www.ssn.net/twiki/pub/SsnIntranet/SsnWindowsSw/R2018b.zip

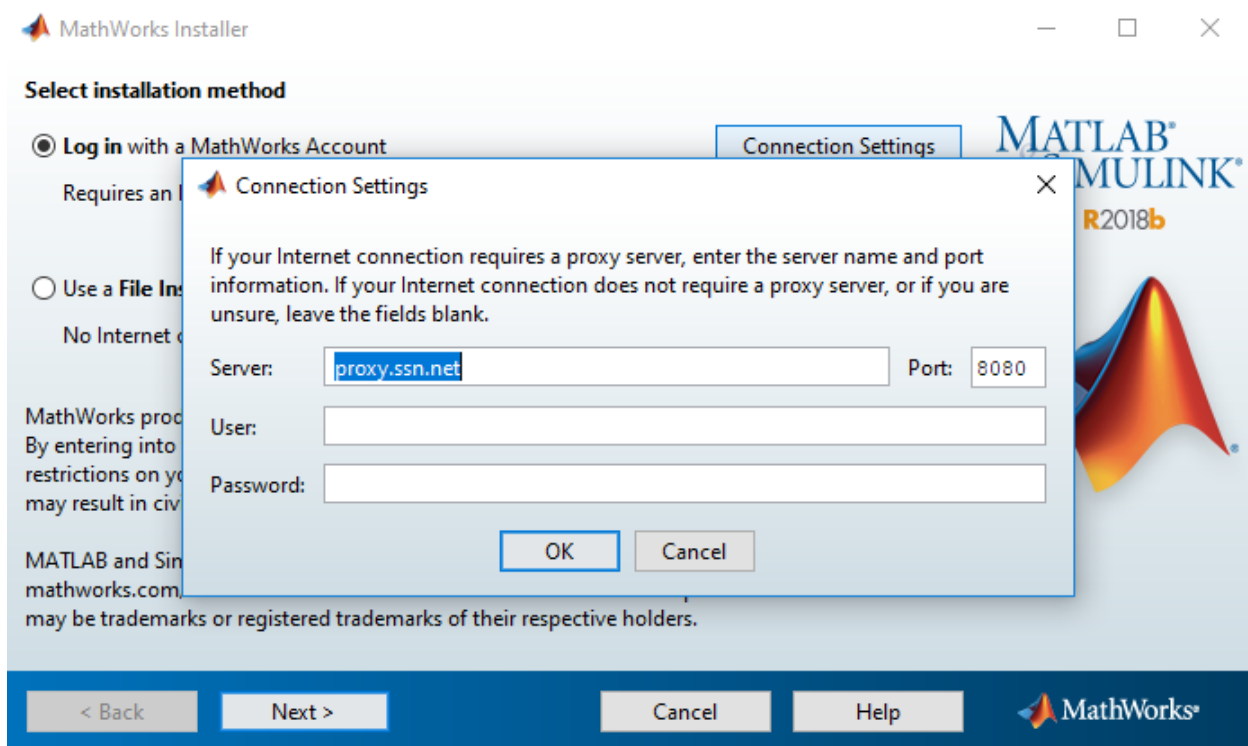
Step 3: Extract the downloaded zip file and click on the setup.exe file



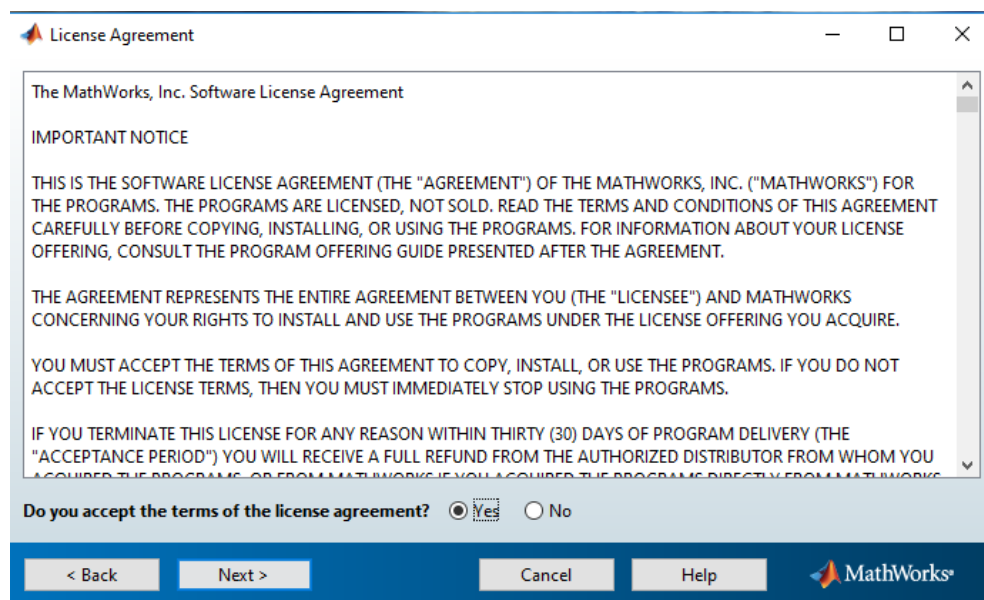
Step 4: When the setup loads, click on the Log in with a MathWorks Account.



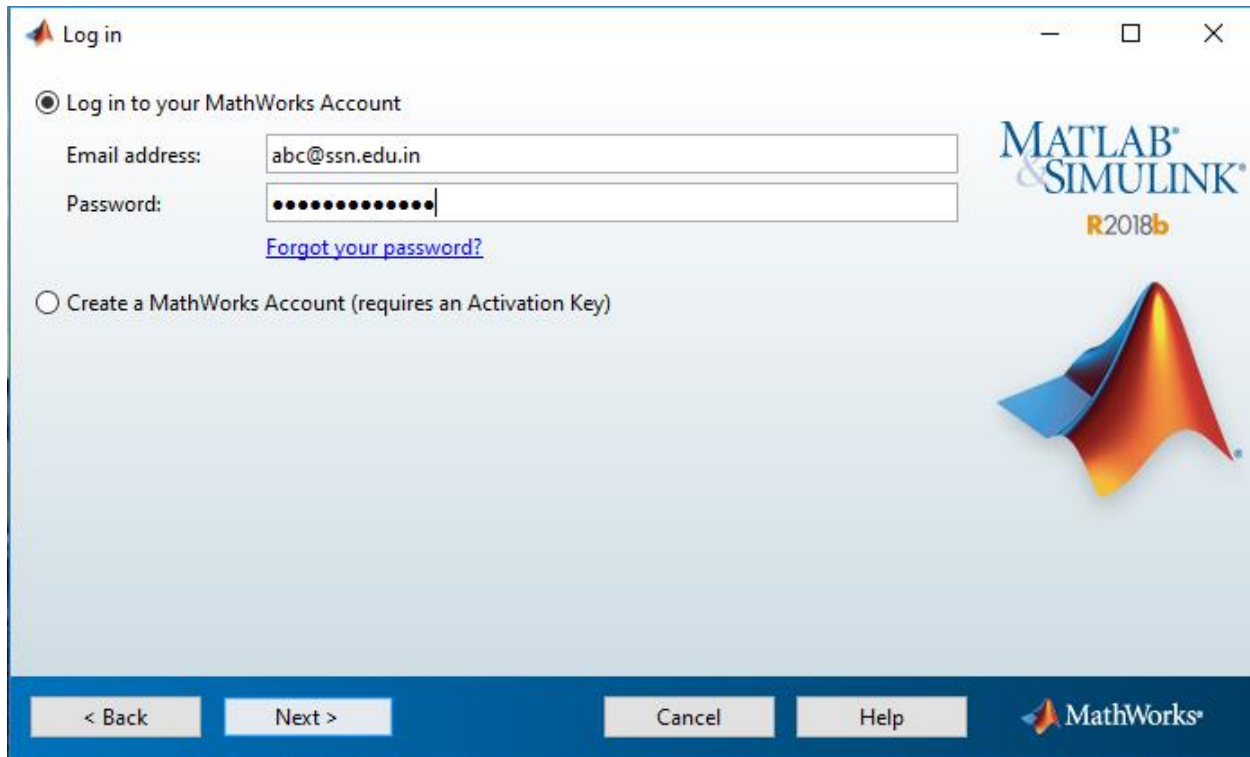
Step 5: If you are installing from within SSN campus, click on the Connection Settings button present to the right side and enter the proxy address in the dialog box prompted (shown in screenshot below). Leave user and password blank in this screen and click OK.



Step 6: Accept the license agreement and click on Next >



Step 7: Login with the mathworks account (that you created using SSN Email ID in Step 1) and press Next >



The image shows the MATLAB & SIMULINK R2018b login window. It has a title bar with the MATLAB logo and the text "Log in". The window contains two radio buttons: "Log in to your MathWorks Account" (selected) and "Create a MathWorks Account (requires an Activation Key)". Below the first radio button are two text input fields: "Email address:" with the value "abc@ssn.edu.in" and "Password:" with a masked password of 12 dots. A link "Forgot your password?" is below the password field. The MATLAB & SIMULINK R2018b logo and a 3D surface plot are on the right. At the bottom are buttons: "< Back", "Next >", "Cancel", "Help", and the MathWorks logo.

Log in

☒ Log in to your MathWorks Account

Email address: abc@ssn.edu.in

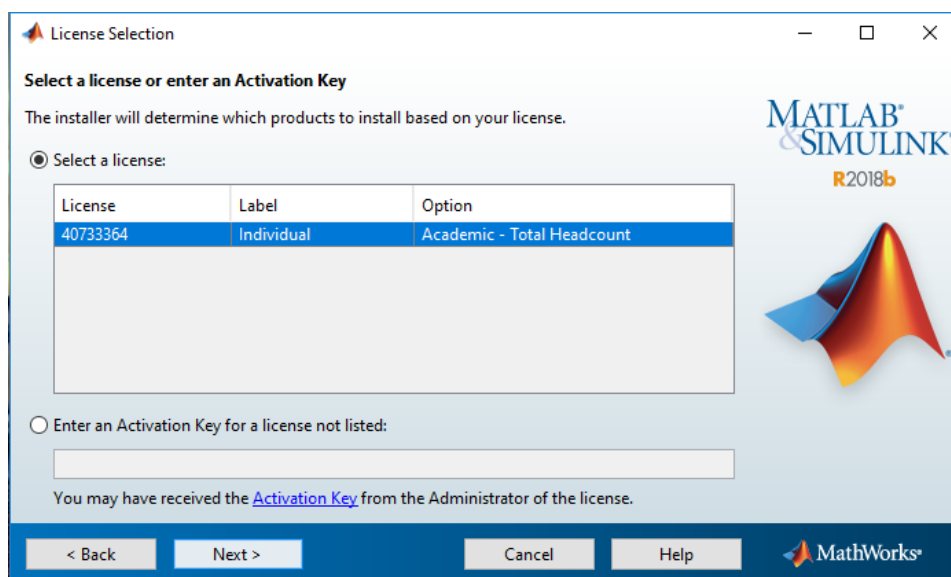
Password: ●●●●●●●●●●●●

[Forgot your password?](#)

☐ Create a MathWorks Account (requires an Activation Key)

< Back Next > Cancel Help MathWorks

Step 8: The Matlab Total Academic Headcount (TAH) License will automatically be linked (through the SSN Mail ID and the Mathworks account that you have created earlier). Click Next >



The image shows the MATLAB & SIMULINK R2018b License Selection window. It has a title bar with the MATLAB logo and the text "License Selection". The window contains a section "Select a license or enter an Activation Key" with the text "The installer will determine which products to install based on your license." Below this is a radio button "Select a license:" which is selected. Underneath is a table with three columns: "License", "Label", and "Option". The first row is highlighted in blue and contains the values "40733364", "Individual", and "Academic - Total Headcount". Below the table is a radio button "Enter an Activation Key for a license not listed:" which is not selected. Below this is a text input field. At the bottom, there is a line of text: "You may have received the [Activation Key](#) from the Administrator of the license." The MATLAB & SIMULINK R2018b logo and a 3D surface plot are on the right. At the bottom are buttons: "< Back", "Next >", "Cancel", "Help", and the MathWorks logo.

License Selection

Select a license or enter an Activation Key

The installer will determine which products to install based on your license.

☒ Select a license:

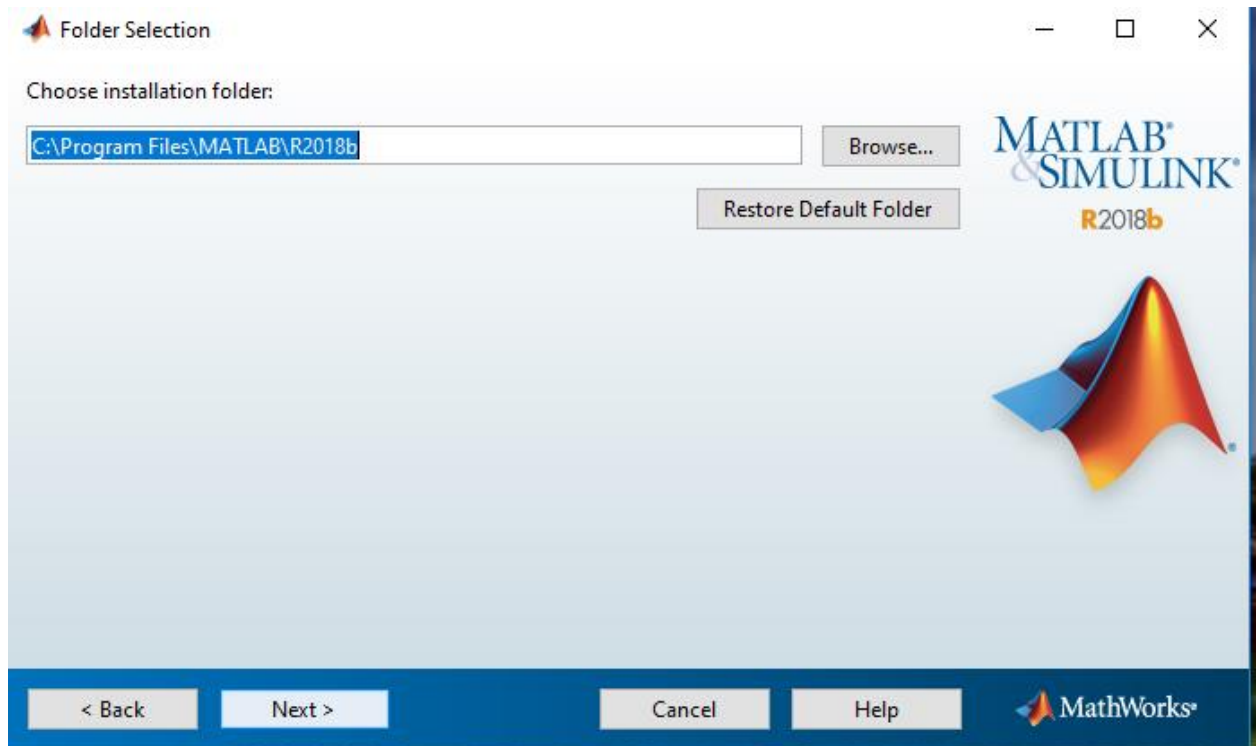
License	Label	Option
40733364	Individual	Academic - Total Headcount

☐ Enter an Activation Key for a license not listed:

You may have received the [Activation Key](#) from the Administrator of the license.

< Back Next > Cancel Help MathWorks

Step 9: Select the desired folder where you need Matlab to be installed and click Next>



Step 10: During installation, you will be prompted to select the list of toolboxes that you need. Select the required ones that you may want (or select the entire list of 54 toolboxes). Even if you miss out some toolboxes during installation, it can be activated later by using the Add-on option in matlab.

If you still have any queries regarding installation/usage of toolboxes, feel free to contact:

Prof. K.B.Sundhara Kumar – sundharakumarkb@ssn.edu.in

Network Admin. Karunagaran D – karunad@ssn.edu.in

SSN INSTITUTIONS IT & CYBER SECURITY POLICY

Version	2.0
Dated	1 st April 2023
Documented by	Karunakar
Reviewed by	Ajitpaul J
Approved by	CISCO Committee (Dr.S.Albal, Dr.Aravindan Ajitpaul)

Version Control

Please document all changes made to this document since initial distribution.

Date	Version	Author	Section	Amendment
8 th June 2019	1.0	Seshan (HCL)		1 st version of policy rolled out
1 st April 2023	2.0	Karunakar	All Sections	2 nd Version of Policy rolled out

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1.OVERVIEW & OBJECTIVE

This document provides the IT Security Policies and Practices for SSN Institutions covering - SSN College of Engineering, SSN Schools of Management, SSN Research Centre, SSN School of Advance Career Education. The use of the term "institution" is in reverence to “SSN College of Engineering, SSN Schools of Management, SSN Research Centre, SSN School of Advance Career Education”. The purpose of this IT Security Policy is to protect all IT and Digital assets of SSN Institutions from all threats, internal and external. This policy is to ensure: -

- Protecting the IT assets and services of all five entities against unauthorised access, intrusion, disruptions, or other impairment.
- Safeguarding the availability, confidentiality, and integrity of the five entities IT information.
- Ensuring compliance with applicable central, state legislation and IT regulations.
- Provide IT information governance along with responsibility and accountability.
- This IT & Cyber Security Policy is a formal set of rules by which those people who are given access to institution technology and information assets must abide.
- The IT & Cyber Security Policy serves several purposes. The main purpose is to inform institution users: employees, contractors and other authorized users of their obligatory requirements for protecting the technology and information assets of the institution. The IT & Cyber Security Policy describes the technology and information assets that we must protect and identifies many of the threats to those assets.
- The IT & Cyber Security Policy also describes the user's responsibilities and privileges. What is considered acceptable use? What are the rules regarding Internet access? The policy answers these questions, describes user limitations, and informs users there will be penalties for violation of the policy. This document also contains procedures for responding to incidents that threaten the security of the institution's computer systems and network.

2.SCOPE & WHAT ARE WE PROTECTING

This policy applies to all SSN Institutions faculty, staff, students, vendors, contractors, and employees of affiliated entities, who accesses SSN IT data and

network through IT infrastructure provided by SSN Institute. This policy applies to both IT devices provided by SSN and personal devices through which SSN data is accessed.

It is the obligation of all users of the institution systems to protect the technology and information assets of the institution. This information must be protected from unauthorized access, theft and destruction. The technology and information assets of the institution are made up of the following components:

- Computer hardware, CPU, disc, Email, web, application servers, PC systems, application software, system software, etc.
- System Software including operating systems, database management systems, and backup and restore software, communications protocols, and so forth.
- Application Software: used by the various departments within the institution. This includes custom written software applications, and commercial off the shelf software packages.
- Communications Network hardware and software including routers, routing tables, switches, firewalls, and tools.

2.1 USERS RIGHTS AND RESPONSIBILITIES

a. SSN has a responsibility for safeguarding the confidentiality of information through the protection of information from unauthorised disclosures with access only by entitlement and approval.

b. All users, students and staff are required to demonstrate compliance to Security Policy, in order to protect the confidentiality, integrity, and availability of SSN Institute IT Assets. This policy also extends to contractors, consultants and/or 3rd parties providing services to SSN Institute.

C. IT Infra team (IT helpdesk + Data Center team) is responsible for administering the information security functions in the SSN network using various IT security tools and appliances.

User Responsibilities

This section establishes usage policy for the computer systems, networks and information resources of the office. It pertains to all employees and contractors who use the computer systems, networks, and information resources as business partners, and individuals who are granted access to the network for the academic purpose only.

Acceptable Use

User accounts on institution's computer systems are to be used only for academic purpose and not to be used for personal activities. Unauthorized use of the system may be in violation of the law, constitutes theft and can be punishable by law. Therefore, unauthorized use of the institution computing system and facilities may constitute grounds for either civil or criminal prosecution.

Users are personally responsible for protecting all confidential information used and/or stored on their accounts. This includes their logon IDs and passwords. Furthermore, they are prohibited from making unauthorized copies of such confidential information and/or distributing it to unauthorized persons outside of the institution.

Users shall not purposely engage in activity with the intent to: harass other users; degrade the performance of the system; divert system resources to their own use; or gain access to institution's systems for which they do not have authorization.

Users are required to report any weaknesses in the institution's computer security, any incidents of misuse or violation of this policy to their immediate supervisor.

Use of the Internet

The institution will provide Internet access to faculty, staff, and students who are connected to the internal network.

Internet is to be used for academic purposes only. The Internet service may not be used for transmitting, retrieving, or storing any communications of a discriminatory or harassing nature or which are derogatory to any individual or group, obscene or pornographic, or defamatory or threatening in nature for "chain letters" or any other purpose which is illegal or for personal gain.

User Classification

All users are expected to have knowledge of these security policies and are required to report violations to the System Administrator. Furthermore, all users must conform to the Acceptable Use Policy defined in this document.

The institution has established the following user groups and defined the access privileges and responsibilities:

User Category	Privileges & Responsibilities
Department Users (faculty, staff and students)	Access to application and databases as required for academic purpose.
System Administrators	Access to computer systems, routers, and other infrastructure technology required for function. Access to confidential information on a "need to know" basis only.
Network Administrator	Highest level of security clearance. Allowed access to all computer systems, databases, firewalls, and network devices as required for job function.
General Public	Access is limited to applications running on public Web servers. The general public will not be allowed to access confidential information

3. THREATS TO SECURITY

3.1 Employees

One of the biggest security threats is employees. They may do damage to the systems either through incompetence or on purpose. We have to layer our security to compensate for that as well. We mitigate this by doing the following.

- Only give out appropriate rights to systems. Limit access to only business hours.
- Don't share accounts to access systems. Never share login information with co-workers.
- When employees are separated or disciplined, remove or limit access to systems.
- Advanced - Keep detailed system logs on all computer activity.
- Physically secure computer assets, so that only staff with appropriate need can access.

3.2 Amateur Hackers and Vandals.

These people are the most common type of attackers on the Internet. The probability of attack is extremely high and there is also likely to be many attacks. These are usually crimes of opportunity. These amateur hackers are scanning the Internet and looking for well-known security holes that have not been plugged. Web servers and electronic mail are their favourite targets. Once they find a weakness they will exploit it to plant viruses, Trojan horses, or use the resources of our system for their own means. If they do not find an obvious weakness, they are likely to move on to an easier target.

3.3 Criminal Hackers and Saboteurs.

The probability of this type of attack is low, but not entirely unlikely given the amount of sensitive information contained in databases. The skill of these attackers is medium to high as they are likely to be trained in the use of the latest hacker tools. The attacks are well planned and are based on any weaknesses discovered that will allow a foothold into the network.

4.POLICY DETAILS

4.1CLASSIFICATION OF INFORMATION

User information found in computer system files and databases shall be classified as either confidential or non-confidential. The institution shall classify the information controlled by them. The system administrator is required to review and approve the classification of the information and determine the appropriate level of security to best protect it.

- Classification of Computer Systems

Security Level	Description	Example
RED	This system contains confidential information - information that cannot be revealed to personnel outside of the Institution. Even within the company, access to this information is provided on a "need to know" basis.	Server containing confidential data and other department information on databases. Network routers and firewalls containing

		confidential routing tables and security information
GREEN	This system does not contain confidential information or perform critical services, but it provides the ability to access RED systems through the network.	User department PCs used to access Server and applications). Management workstations used by systems and network administrators.
BLACK	This system is externally accessible. It is isolated from RED or GREEN systems by a firewall. While it performs important services, it does not contain confidential information.	A public Web server with non-sensitive information.

4.2 USER AUTHENTICATION AND ACCESS CONTROL

User Authentication is required for each connection to the network and systems. SSN active directory is the recommended method for providing user authentication.

4.2.1 Access Control

A fundamental component of our Cyber Security Policy is controlling access to the critical information resources that require protection from unauthorized disclosure or modification.

The fundamental meaning of access control is that permissions are assigned to individuals or systems that are authorized to access specific resources. Access controls exist at various layers of the system, including the network. Access control is implemented by logon ID and password. At the application and database level, other access control methods can be implemented to further restrict access. The application and database systems can limit the number of applications and databases available to users based on their job requirements.

User System and Network Access - Normal User Identification

All users will be required to have a unique logon ID and password for access to systems. The user's password

All users must comply with the following rules regarding the creation and maintenance of passwords:

- Password must not be found in any English or foreign dictionary. That is, do not use any common name, noun, verb, adverb, or adjective. These can be easily cracked using standard "hacker tools".
- Passwords should not be posted on or near computer terminals or otherwise be readily accessible in the area of the terminal.
- Password must be changed every 60 of days.

Faculty and staff who forget their password must call the IT department to get a new password assigned to their account.

Faculty/Staff will be responsible for all transactions occurring during Logon sessions initiated by use of the employee's password and ID. Employees shall not logon to a computer and then allow another individual to use the computer or otherwise share access to the computer systems.

System Administrator Access

System Administrators and the network administrator will have full access to host systems, routers, and firewalls as required to fulfill the duties of their job. All system administrator passwords will be DELETED immediately after any employee who has access to such passwords is terminated, fired, or otherwise leaves the employment of the Institution.

Connecting to Third-Party Networks

This policy is established to ensure a secure method of connectivity provided between the institution and all third-party and other entities required to electronically exchange information with institution.

"Third-party" refers to vendors, consultants and companies doing projects with the institution, and other partners that have a need to exchange information with the institution.

Third-party network connections are to be used only by the faculty and authorized students of institution. The third-party will not allow Internet traffic or other private network traffic to flow into the network. A third-party network connection is defined as one of the following connectivity options:

- A network connection will terminate on a firewall and the third-party will be subject to standard institution authentication rules.

This policy applies to all third-party connection requests and any existing third-party connections. In cases where the existing third-party network connections do not meet the requirements outlined in this document, they will be re-designed as needed.

All requests for third-party connections must be made by submitting a written request and be approved by the institution.

Connecting Devices to the Network

Only authorized devices may be connected to the institution network(s).

Authorized devices include PCs and workstations owned by institution that comply with the configuration guidelines of the institution. Other authorized devices include network infrastructure devices used for network management and monitoring.

NOTE: Users are not authorized to attach any device that would alter the topology characteristics of the Network or any unauthorized storage devices, e.g. thumb drives and writable CD's.

Remote Access

Only authorized persons may remotely access the institution network.

Authorized connection can be remote PC to the network or a remote network to institution network connection. The only acceptable method of remotely connecting into the internal network is using a secure Shell (SSH) Via Meshcentral portal.

4.3 NETWORK SECURITY AND MONITORING

All IT assets in the Institution which includes but is not limited to servers, workstation, desktop, laptops, and network access devices are subject to ongoing monitoring using Zabbix, Windows Active Directory, Firewall. The inappropriate use of these system and/or networks which violates the Institution policies of local, state, and central laws will be investigated as needed. The Institute management may authorise IT Infra department to conduct such IT and cyber security investigations.

Monitoring tools will be used to monitor the Institute network in real-time for any notification of detected security incidents/events and vulnerabilities for the following, but not limited to

- Internet traffic and usage
- Electronic email
- LAN traffic and protocols
- IT system access and usage
- System security parameters

The following files/logs will be checked for signs of security issues, violation and vulnerabilities exploitation potential from time to time.

- Intrusion detection system logs
- Firewall logs and reports
- User account logs
- Network logs
- System error logs
- Application logs
- Backup and recovery logs
- Helpdesk incident tickets.

Faculty/Lab in-charges/Lab technician to ensure their respective departments computing assets that are connected to the institute network to have

- Anti-virus installed and up-to-date
- Operating system patched with latest security updates
- Maintain N-1 Operating system level.

4.4 BACKUP AND DATA RECOVERY

All systems , applications and data must be backed up using Netvault backup system, on a suitable schedule to meet the criticality, integrity and availability requirements of the application.

Department HOD's and faculty must ensure that appropriate backup and system recovery measures are in place their department workstation and academic data

ERP application data needs to be stored off-site at Adyar Trust office and appropriate security measures must be taken to protect off-site storage

against unauthorised disclosure or loss. Off-site storage recovery procedures should be tested once a year.

Backup of confidential or sensitive information to be encrypted

Periodical backup and retention of data should be made based on the criticality and availability needs of the data.

Backup and recovery manual must be maintained and periodically reviewed and updated.

4.5 DATA PROTECTION

All sensitive information that is transmitted or received by Institution computer systems including mobile devices, must be encrypted when transmitted over wireless or public networks, including when transferred via SCP/SFTP and electronic mail.

Sensitive information should be saved in folders with access limited to those individuals authorized to access the information.

Users must log off or lock their desktop, laptop, workstation, or server when not in use.

Respective department faculty/staff are responsible for processing and storage of the information or data in their respective departments computing devices for their academic and project purposes. Data protection should meet the regulatory requirements of both Indian and International bodies.

4.6 ADHERENCE TO INFORMATION TECHNOLOGY ACT, 2000 & OTHER LOCAL AND INTERNATIONAL LAWS

Institution guidelines relate to use of technologies derived from this concern including Information Technology Act, 2000 and other laws regarding license, copyright and the protection of intellectual property. As a user of IT resources of the Institution, you must :

- Abide by Information Technology Act, 2000, other central, state, local, cyber and applicable international laws.
- Abide by all applicable copyright, data protection and privacy laws.



IT Act 2000.pdf

4.7 ENFORCEMENT & PENALTY FOR SECURITY VIOLATION

The institution takes the issue of security seriously. Non-compliance with IT & Cyber security policy can bring about significant risk and liability for the Institution, which puts the institution at significant risk of legal action, substantial penalty and substantial damage to the SSN brand name. Those people who use the technology and information resources of institution must be aware that they can be disciplined if they violate this policy. Upon violation of this policy, an employee or student of the institution may be subject to discipline up to and including discharge. Civil, Criminal and equitable remedies may apply. The specific discipline imposed will be determined by a case-by-case basis, taking into consideration the nature and severity of the violation of the IT and Cyber Security Policy, prior violations of the policy committed by the individual, state and central government laws and all other relevant information. Discipline which may be taken against an employee or student shall be administered in accordance with any appropriate rules or policies and the institution Policy Manual.

3.6 SECURITY INCIDENT HANDLING PROCEDURES

This section provides some policy guidelines and procedures for handling security incidents.

The term "security incident" is defined as any irregular or adverse event that threatens the security, integrity, or availability of the information resources on any part of the institution network. Some examples of security incidents are:

- Illegal access of a computer system. For example, a hacker logs onto a production server and copies the password file.
- Damage to a computer system or network caused by illegal access. Releasing a virus or worm would be an example.
- Denial of service attack against web server. For example, a hacker initiates a flood of packets against a Web server designed to cause the system to crash.

- Malicious use of system resources to launch an attack against other computer outside of the institution's campus network. For example, the system administrator notices a connection to an unknown network and a strange process accumulating a lot of server time.

Employees and students, who believe their terminal or computer systems have been subjected to a security incident, or has otherwise been improperly accessed or used, should report the situation to their system administrator in their respective Department immediately and also report to IT-Helpdesk.. The user shall not turn off the computer or delete suspicious files. Leaving the computer in the condition it was in when the security incident was discovered will assist in identifying the source of the problem and in determining the steps that should be taken to remedy the problem.

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SSN INSTITUTIONS **POLICY MANUAL**

Subject: **CYBER SECURITY POLICY**

Approved: SSN CISCO Chairman

Effective Date: 8th June 2009

1 DEFINITION

The use of the term "institution" is in reverence to the SSN College of Engineering, Chennai, India,

2 INTRODUCTION

This Cyber Security Policy is a formal set of rules by which those people who are given access to institution technology and information assets must abide.

The Cyber Security Policy serves several purposes. The main purpose is to inform institution users: employees, contractors and other authorized users of their obligatory requirements for protecting the technology and information assets of the institution. The Cyber Security Policy describes the technology and information assets that we must protect and identifies many of the threats to those assets.

The Cyber Security Policy also describes the user's responsibilities and privileges. What is considered acceptable use? What are the rules regarding Internet access? The policy answers these questions, describes user limitations and informs users there will be penalties for violation of the policy. This document also contains procedures for responding to incidents that threaten the security of the institution's computer systems and network.

3 WHAT ARE WE PROTECTING

It is the obligation of all users of the institution systems to protect the technology and information assets of the institution. This information must be protected from unauthorized access, theft and destruction. The technology and information assets of the institution are made up of the following components:

- Computer hardware, CPU, disc, Email, web, application servers, PC systems, application software, system software, etc.
- System Software including: operating systems, database management systems, and backup and restore software, communications protocols, and so forth.
- Application Software: used by the various departments within the institution. This includes custom written software applications, and commercial off the shelf software packages.
- Communications Network hardware and software including: routers, routing tables, switches, firewalls, and tools.

4 Classification of Information

User information found in computer system files and databases shall be classified as either confidential or non-confidential. The institution shall classify the information controlled by them. The system administrator is required to review and approve the classification of the information and determine the appropriate level of security to best protect it.

Classification of Computer Systems

Security Level	Description	Example
RED	This system contains confidential information – information that cannot be revealed to personnel outside of the Institution. Even within the company, access to this information is provided on a “need to know” basis.	Server containing confidential data and other department information on databases. Network routers and firewalls containing confidential routing tables and security information.
GREEN	This system does not contain confidential information or perform critical services, but it provides the ability to access RED systems through the network.	User department PCs used to access Server and application(s). Management workstations used by systems and network administrators.
BLACK	This system is externally accessible. It is isolated from RED or GREEN systems by a firewall. While it performs important services, it does not contain confidential information.	A public Web server with non-sensitive information.

5 Local Area Network (LAN) Classifications

A LAN will be classified by the systems directly connected to it. For example, if a LAN contains just one RED system and all network users will be subject to the same restrictions as RED systems users. A LAN will assume the Security Classification of the highest level systems attached to it.

6 Threats to Security

6.1 Employees

One of the biggest security threats is employees. They may do damage to the systems either through incompetence or on purpose. We have to layer our security to compensate for that as well. We mitigate this by doing the following.

- ✓ Only give out appropriate rights to systems. Limit access to only business hours.
- ✓ Don't share accounts to access systems. Never share login information with co-workers.
- ✓ When employees are separated or disciplined, remove or limit access to systems.
- ✓ Advanced – Keep detailed system logs on all computer activity.
- ✓ Physically secure computer assets, so that only staff with appropriate need can access.

6.2 Amateur Hackers and Vandals.

These people are the most common type of attackers on the Internet. The probability of attack is extremely high and there is also likely to be a large number of attacks. These are usually crimes of opportunity. These amateur hackers are scanning the Internet and looking for well-known security holes that have not been plugged. Web servers and electronic mail are their favorite targets. Once they find a weakness they will exploit it to plant viruses, Trojan horses, or use the resources of our system for their own means. If they do not find an obvious weakness they are likely to move on to an easier target.

6.3 Criminal Hackers and Saboteurs.

The probability of this type of attack is low, but not entirely unlikely given the amount of sensitive information contained in databases. The skill of these attackers is medium to high as they are likely to be trained in the use of the latest hacker tools. The attacks are well planned and are based on any weaknesses discovered that will allow a foothold into the network.

7 User Responsibilities

This section establishes usage policy for the computer systems, networks and information resources of the office. It pertains to all employees and contractors who use the computer systems, networks, and information resources as business partners, and individuals who are granted access to the network for the academic purpose only.

7.1 Acceptable Use

User accounts on institution's computer systems are to be used only for academic purpose and not to be used for personal activities. Unauthorized use of the system may be in violation of the law, constitutes theft and can be punishable by law. Therefore, unauthorized use of the institution computing system and facilities may constitute grounds for either civil or criminal prosecution.

Users are personally responsible for protecting all confidential information used and/or stored on their accounts. This includes their logon IDs and passwords. Furthermore they are prohibited from making unauthorized copies of such confidential information and/or distributing it to unauthorized persons outside of the institution.

Users shall not purposely engage in activity with the intent to: harass other users; degrade the performance of the system; divert system resources to their own use; or gain access to institution's systems for which they do not have authorization.

Users are required to report any weaknesses in the institution's computer security, any incidents of misuse or violation of this policy to their immediate supervisor.

7.2 Use of the Internet

The institution will provide Internet access to faculty, staff, and students who are connected to the internal network.

Internet is to be used for academic purposes only. The Internet service may not be used for transmitting, retrieving or storing any communications of a discriminatory or harassing nature or which are derogatory to any individual or group, obscene or pornographic, or defamatory or threatening in nature for "chain letters" or any other purpose which is illegal or for personal gain.

7.3 User Classification

All users are expected to have knowledge of these security policies and are required to report violations to the System Administrator. Furthermore, all users must conform to the Acceptable Use Policy defined in this document. The institution has established the following user groups and defined the access privileges and responsibilities:

User Category	Privileges & Responsibilities
Department Users (faculty, staff and students)	Access to application and databases as required for academic purpose.
System Administrators	Access to computer systems, routers, and other infrastructure technology required for function. Access to confidential information on a "need to know" basis only.
Network Administrator	Highest level of security clearance. Allowed access to all computer systems, databases, firewalls, and network devices as required for job function.
General Public	Access is limited to applications running on public Web servers. The general public will not be allowed to access confidential information.

8 Access Control

A fundamental component of our Cyber Security Policy is controlling access to the critical information resources that require protection from unauthorized disclosure or modification. The fundamental meaning of access control is that permissions are assigned to individuals or systems that are authorized to access specific resources. Access controls exist at various layers of the system, including the network. Access control is implemented by logon ID and password. At the application and database level, other access control methods can be implemented to further restrict access. The application and database systems can limit the number of applications and databases available to users based on their job requirements.

8.1 User System and Network Access – Normal User Identification

All users will be required to have a unique logon ID and password for access to systems. The user's password should be kept confidential and MUST NOT be shared with management & supervisory personnel and/or any other employee whatsoever.

All users must comply with the following rules regarding the creation and maintenance of passwords:

- Password must not be found in any English or foreign dictionary. That is, do not use any common name, noun, verb, adverb, or adjective. These can be easily cracked using standard "hacker tools".
- Passwords should not be posted on or near computer terminals or otherwise be readily accessible in the area of the terminal.
- Password must be changed every 60 of days.

Faculty and staff who forget their password must call the IT department to get a new password assigned to their account.

Faculty/Staff will be responsible for all transactions occurring during Logon sessions initiated by use of the employee's password and ID. Employees shall not logon to a computer and then allow another individual to use the computer or otherwise share access to the computer systems.

8.2 System Administrator Access

System Administrators and the network administrator will have full access to host systems, routers, and firewalls as required to fulfill the duties of their job.

All system administrator passwords will be **DELETED** immediately after any employee who has access to such passwords is terminated, fired, or otherwise leaves the employment of the Institution.

8.3 Connecting to Third-Party Networks

This policy is established to ensure a secure method of connectivity provided between the institution and all third-party and other entities required to electronically exchange information with institution.

"Third-party" refers to vendors, consultants and companies doing projects with the institution, and other partners that have a need to exchange information with the institution. Third-party network connections are to be used only by the faculty and authorized students of institution. The third-party will not allow Internet traffic or other private network traffic to flow into the network. A third-party network connection is defined as one of the following connectivity options:

- A network connection will terminate on a firewall and the third-party will be subject to standard institution authentication rules.

This policy applies to all third-party connection requests and any existing third-party connections. In cases where the existing third-party network connections do not meet the requirements outlined in this document, they will be re-designed as needed.

All requests for third-party connections must be made by submitting a written request and be approved by the institution.

8.4 Connecting Devices to the Network

Only authorized devices may be connected to the institution network(s). Authorized devices include PCs and workstations owned by institution that comply with the configuration guidelines of the institution. Other authorized devices include network infrastructure devices used for network management and monitoring.

NOTE: Users are not authorized to attach any device that would alter the topology characteristics of the Network or any unauthorized storage devices, e.g. thumb drives and writable CD's.

8.5 Remote Access

Only authorized persons may remotely access the institution network. Authorized connection can be remote PC to the network or a remote network to institution network connection. The only acceptable method of remotely connecting into the internal network is using a secure Shell (SSH).

9 Penalty for Security Violation

The institution takes the issue of security seriously. Those people who use the technology and information resources of institution must be aware that they can be disciplined if they violate this policy. **Upon violation of this policy, an employee or student of the institution may be subject to discipline up to and including discharge.** The specific discipline imposed will be determined by a case-by-case basis, taking into consideration the nature and severity of the violation of the Cyber Security Policy, prior violations of the policy committed by the individual, state and central government laws and all other relevant information. Discipline which may be taken against an employee or student shall be administrated in accordance with any appropriate rules or policies and the institution Policy Manual.

10 Security Incident Handling Procedures

This section provides some policy guidelines and procedures for handling security incidents. The term "security incident" is defined as any irregular or adverse event that threatens the security, integrity, or availability of the information resources on any part of the institution network. Some examples of security incidents are:

- Illegal access of a computer system. For example, a hacker logs onto a production server and copies the password file.
- Damage to a computer system or network caused by illegal access. Releasing a virus or worm would be an example.
- Denial of service attack against web server. For example, a hacker initiates a flood of packets against a Web server designed to cause the system to crash.
- Malicious use of system resources to launch an attack against other computer outside of the institution's campus network. For example, the system administrator notices a connection to an unknown network and a strange process accumulating a lot of server time.



Employees and students, who believe their terminal or computer systems have been subjected to a security incident, or has otherwise been improperly accessed or used, should report the situation to their system administrator immediately. The user shall not turn off the computer or delete suspicious files. Leaving the computer in the condition it was in when the security incident was discovered will assist in identifying the source of the problem and in determining the steps that should be taken to remedy the problem.

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CISCO BUDGET - INTERNAL AND DEPARTMENTS

Sno	Sheet Name	Description
1	Overall_Summary	Financial Estimate of Requests - CISCO Internal and Departments
2	CISCO_Keypoints	Key Points related to CISCO Internal
3	CISCO_Internal_Capex	Line items of CAPEX Requirements (CISCO Internal)
4	CISCO_Internal_Open	Line items of OPEX Requirements (CISCO Internal)
5	Department_Keypoints	Overview of Implementation plan based on Requests received from Departments
6	Department_Summary	Financial Estimate of Requests - Departments
7	Department_Requests	Line items of Department Requirements

SSN INSTITUTIONS
Annual Budget FY 2022 - 23

DEPARTMENT	SSN CISCO
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DIRECTOR	Dr.ALBAL
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CISCO CAMPUS	
	Amount
CAPITAL BUDGET - CISCO Campus	1,33,85,000
OPERATING BUDGET - CISCO Campus	1,41,03,490
CISCO Campus Total	2,74,88,490
CAPITAL & OPERATIONAL - CISCO DEPARTMENTS	2,09,64,100
GRAND TOTAL	4,84,52,590

Prepared By


Rajesh Guruswamy
 Member - CISCO

Reviewed By


(Dr. S. V. Albal)
 Chairman - CISCO

Approved By


(Dr. Kala Vijayakumar)
 President, SSN Institutions

Head	Description
Capex	
Firewall	Verbal approval obtained and documenting for approval and execution in FY 2022 - 23
Access Points	60 Additional Access Points has been planned based on last survey by deputed Vendors. Approval for 40 Access Points is done for FY 2021 - 2022 but not implemented considering escalation in cost and Pandemic Additional 20 Points have been requested now (FY 2022 - 23) Negotiations and discussions is in progress to fine tune the requirements further Upgrading the Network to Wi Fi 6 has been deferred considering the predominant end user devices are not 6G Compatible and hence we may not utilize the actual services
Desktops - BOD (Build, Operate, Deliver)	As part of Major Initiatives, IT Engineers (and if required Students) would be involved in configuration of Desktops # of Desktops to be configured would be in the range of 10 - 15 and based on the outcome it would get expanded further
Hardware Upgrades	Majority of Replacement Desktops requested would be handled through Hardware Upgrade 200+ Systems (i3 & above) have been recommended for Hardware Upgrade (Combination of RAM / SSD) Above is being recommended considering the utilization of system is predominantly related to MS Office Usage / Playing Videos All systems which are Core 2 Duo would be taken back IT Infra services
Learning & Skill Enhancement	Rs.20,000 requested for Enhancing the Soft and Technical Skill Set of IT Resources. This would be utilized for arranging Training for resources and also buying Tutorials online

CISCO_Internal_Capex

SSN INSTITUTIONS
CISCO Capital Budget for financial year 2022-23

Sr. No.	Description	Quantity Required	Unit Cost	Total Cost	Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
				TOTAL		0	1,95,000	45,00,000	77,80,000	2,00,000	12,00,000	0	2,00,000	0	2,10,000	0	0
A	Data Center																
1	Firewall (Includes 3 Year Subscription)	1	44,00,000	44,00,000	Discussion happned before and approved verbally to accommodate in this Budget			44,00,000									
				Sub-Total													
B	Campus WIFI																
1	WIFI Expansion - Additional Access Points	60	57,000	34,20,000	Cost of Hardware (Additional access Points required to ensure campus is Wi Fi compliant)				34,20,000								
2	WIFI Expansion - Outdoor Units	18	70,000	12,60,000	These are Outdoot Units and cost of hardware is higher than normal access Points				12,60,000								
3	AP Licence	75	8,000	6,00,000	60 new Licences and 15 licences to renew the existing APs				6,00,000								
4	Wireless Controller	1	12,00,000	12,00,000	One Controller required for hosting all new APs / Switches				12,00,000								
5	POE Switch	4	2,00,000	8,00,000	Required for AP Installation				8,00,000								
6	Additional Passive work	1	3,00,000	3,00,000					3,00,000								
				Sub-Total													
C	Technical & Logistic Requirement																
1					To Assist Engineers for speedy resolutions. We have 8 Staff (4 Vendor Staff, 4 - On Rolls) No Major recurring expenses		20,000										
	Cycle	2	10,000	20,000	80% of Time 4 Vendors Spend their time in going to Different Departments for resolving issues and this can greatly improve speed of resolution and number of Transactions handled												
2					35 TechBee Laptops can be Upgraded and distributed to Departments to make it Operational (better alternate for buying new Desktops / Laptops)		1,75,000										
	Hardware Upgrade - RAM	35	5,000	1,75,000													

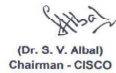
CISCO_Internal_Capex

3	Desktops - BOD (Build,Operate,Deliver) / Lab Setup / Testing & Research	10	60,000	6,00,000	Research Lab and Testing Center to explore possibilities of Assembling PCs of different Configuration and to handle intermediary requirements			2,00,000		2,00,000		2,00,000						
4	Spares for Laptops	40	10,000	4,00,000	40+ Laptops can be made functional from existing asset at Infra there by not spending on new purchase of Laptop / Desktop (Upgrade of RAM / SSD / Hinges etc)			2,00,000		2,00,000								
5	Laptop Batteries	10	6,000	60,000	Spare Batteries for Old Laptops in Stock											60,000		
6	Projectors for Department	10	15000		To facilitate the exercise of departments practicing "Learning & Doing". Students will be Learning and Implementing their learning simultaneously which enhances the understanding and retention of knowledge											1,50,000		
				1,50,000														
				Sub-Total	14,05,000													

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 Member - CISCO

Reviewed By


 (Dr. S. V. Albal)
 Chairman - CISCO

Approved By


 (Dr. Kala Vijayakumar)
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CISCO Internal Open.

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President, SSN Institutions

ANNEXURE FOR POINT D (DATA CENTER SPARES)

S.NO	Data Center, Systems, Networks critical spares	Qty	Unit Rate	Total Rate
1	Silicon Gel 10 Gram	1 Kg	900	900
2	Boot Plug	100 Pcs	4	400
3	RJ45 Jack	3 Pkt	500	1500
4	Heat Sink Paste	200 Gram	40	1000
5	Laser Light (rechargeable)	2	1000	2000
6	Cordless Phone	1	3000	3000
7	Crimping Tool	2	1,000	2000
8	Fiber Optic Cleaner	1	2000	2000
9	IPA Solution	1 L	1000	1500
10	Normal LAN Tester	2	1000	2000
11	Digital LAN Tester	1	20000	20000
12	Multimeter	3	1000	3000
13	Nose Plier	4	300	1200
14	Cutting Plier	4	300	1200
15	9v Rechargeable Battery	4	600	2400
16	9v Battery Charger Adapter	2	1,000	2000
17	Computer Cleaner Polish	2	300	600
18	MicroFiber cloth	10	100	1000
19	ESD Brush	4	150	600
20	Hex Key Set	1	300	300
21	Wrench Screw Driver Set	1	2,000	2000
22	Electrical Tester	2	60	120
23	Laptop Batttery	10	5,000	50000
24	Continuity Tester	2	250	500
25	Alcohol Wipes For Screen	200 Pcs	3	600
26	64 GB USB 3.0 Pendrive	10	700	7000
27	2TB External 3.0 USB Hard Disk	5	6,000	30000
28	TRC Kit - Spares	10	10,000	100000
29	Laptop Opening Kit	1	900	900
30	External 2.5" HDD Case	10	500	5000

31	Tile Opener	1	1,500	1500
32	Lable catridge	10	500	5000
33	Type C to HDMI converter	3	1,500	4500
34	USB to HDMI converter	5	1,500	7500
35	USB to LAN	5	1,500	7500
36	WiFi Adaptor - USB for Desktop	5	1,000	5000
37	LCD Screen Cleaner	3	500	1500
TOTAL				277220

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Head	Description
Cost	"Actuals" are our current estimate and we need to spend towards purchases mentioned "Notional" is the cost of Asset which will be given from Existing Stock (either with IT Infra or the ones we receive from Departments). This is not the cost we actually spend but approximate Cost for Department
Desktop / Laptop	Based on Inputs received from President on Budget discussion day Analysis done based on Usage / Requirement / life of System. Based on this Department Specific recommendations given which will have purchase of New System / Replacing with Existing Laptop or Desktop / Hardware Upgrade Total # of New Desktops required has been arrived at 91
Hardware Upgrade	250+ RAM / SSD Upgrades will be done to ensure current Desktops capability to perform gets greatly enhanced This Hardware Upgrade is being performed only for i3 and above systems and any version prior to it will be withdrawn from Operations
Network Points	Analysis done based on existing provision available / checking the justification for requirement and cost is calculated accordingly.
Scanner / Printers	Decisions taken on Budget Day Discussion has been incorporated. For existing units, Department needs have been considered and recommendations updated accordingly

BUDGET SUMMARY - DEPARTMENT WISE (2022-2023)									
Row Labels	System	Hardware Upgrade	Network	Software	Gadgets	Laptop	Monitor	Printer / S Server	Grand Total
RC			294000						294000
English		120000							120000
Chemistry		98000	54000						152000
Accounts		18000	38000						56000
TrustOffice	320000							22000	78000
Physics					14000			150000	484000
HoF			100000						100000
Admin			224000					46000	270000
SACE					16000			345000	361000
MBA	560000					95000		500000	595000
Chemical	240000	40000	84000		7000		320000		1011000
Mechanical	1440000	116000	330000	150000	21000			39000	465000
IT	5200000	902500	292000	670000					2577000
EEE	720000	279000	56000	1020000		95000			6394500
CSE	1140000	246000	28000		6000				2170000
Civil		369000		129800					1420000
BME	1760000		136000						498800
FCE	1280000	84000	266000	424800	11000				1896000
Grand Total	12660000	2272500	1938000	2394600	75000	190000	320000	614000	20964100

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BUDGET SUMMARY -DEPARTMENT WISE (2022-2023)

Sno	Department	Type	Requirement	Purchase Category	Requirement Approved	Requ setd Qty	Appro ved Qty	Cost Type	Unit Cost	Cost	Infra Comment
1	RC	New	Laptop	System	Desktop - Refurbished	1	1	Notional	25000	25000	Desktop to be provided from existing stock
2	RC	Existing	Desktop	System	Desktop - Refurbished	5	5	Notional	25000	125000	Desktop to be provided from existing stock
3	RC	New	Network - LAN Port	Network	Network - LAN Port	6	0	Nil			
4	RC	New	Network - LAN Port	Network	Network - LAN Port	11	11	Actual	4000	44000	Not approved as building is yet to constructed
5	RC	New	Network - LAN Port	Network	Network - LAN Port	1	1	Actual	250000	250000	One NEW Switch to be installed as there is no Provision for 11 LAN Ports Requested
6	RC	New	Network - LAN Port			4					Not Required as LAN ports are being provided
7	English	Existing	Desktop	Laptop	Laptop	58	30	Notional	30000	900000	Combinatin of Desktop / Laptop will be given from existing stock
8	English	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - Others		30	Actual	4000	120000	Repair workwill be done for existing Laptops to make if fit for use. Cost estimate is based on assorted replacements / repairs
9	English	Existing	Printer	Printer / Scanner		1		Nil			Not Approved
10	Chemistry	Existing	Laptop	Laptop	Laptop	1	1	Notional	40000	40000	Laptop from Existing Stock (i3, 8 GB, 1 TB)
11	Chemistry	Existing	Memory Upgrade	Hardware Upgrade	Hardware Upgrade - RAM	7	7	Actual	4000	28000	DDR 4 8 GB to be replaced
12	Chemistry	Existing	SSD	Hardware Upgrade	Hardware Upgrade - SSD	7	7	Actual	10000	70000	1 TB SSD to be replaced
13	Chemistry	New	Network - LAN Port	Network	Network - LAN Port	1	1	Actual	4000	4000	Provision Available.
14	Chemistry	New	Acces Point	Network	Access Point	1	1	Actual	50000	50000	Required at Chemical Engg Block 1st Floor
15	Accounts	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - SSD	2	2	Actual	5000	10000	to be Upgraded with 256 GB SSD
16	Accounts	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - RAM	2	2	Actual	4000	8000	to be Upgraded with additional 8 GB DDR 3
17	Accounts	Existing	Network - LAN Port	Network	Rework	2	2	Actual	8000	16000	Provision available for LAN Ports
18	Accounts	Existing	Network - LAN Port	Network	ReOrganizing cable Work	1	1	Actual	22000	22000	72 Ponits available out of which 30+ is being Utilized. Reworking / Reconciliation to be done
19	Accounts	New	Scanner	Printer / Scanner	Scanner	1	1	Actual	6000	6000	
20	Accounts	Existing	Printer	Printer / Scanner	Printer	1	1	Actual	16000	16000	
21	TrustOffice	Existing	Laptop	Laptop	Laptop	2	2	Notional	30000	60000	Laptop from Existing Stock (i3, 8 GB, 1 TB)
22	TrustOffice	Existing	Desktop	System	Desktop - New	6	4	Actual	80000	320000	4 Laptops can be given and 2 Laptops provided in previous line item

23	TrustOffice	Existing	Headphones	Gadgets	Headphones	4	4	Actual	2000	8000	Supporting accessory for attending team calls
24	TrustOffice	Existing	Laptop Battery Replacement	Gadgets	Laptop Battery Replacement	1	1	Actual	6000	6000	Low performance of Ionova thinkpad for the existing laptop
25	TrustOffice	Existing	Printer	Printer / Scanner		2	1	Notional	10000	10000	1 not required, 1 can be given from existing stock
26	TrustOffice	Existing	Photocopier Machine on buy back scheme	Printer / Scanner	Printer / Scanner	1	1	Actual	150000	150000	Required for Research Scholars in Chemical Engg. 1st Floor Lab
27	Physics	New	Access Point	Network	Access Point	4	2	Actual	50000	100000	Laptop from Existing Stock (i3, 8 GB, 1 TB)
28	HoF	Existing	Laptop	Laptop	Laptop	1	1	Notional	30000	30000	Can be given from Existing Stock
29	HoF	Existing	Desktop	System	Desktop - Refurbished	5	5	Notional	25000	125000	Additional cost considering UPS points and hence 5K instead of 4K
30	HoF	Existing	Network - LAN Port	Network	Network - LAN Port	10	10	Actual	5000	50000	for additional systems for staff
31	HoF	Existing	Network - LAN Port	Network	Network - LAN Port	6	6	Actual	4000	24000	Additional Switch required for providing 6 LAN Connections
32	HoF	Existing	Network - Switch	Network	Network - Switch	1	1	Actual	150000	150000	2 Printers can be given and other one can be shared
33	HoF	Existing	Printer	Printer / Scanner	Printer	3	2	Actual	17000	34000	
34	HoF	Existing	Scanner	Printer / Scanner	Scanner	2	2	Actual	6000	12000	
35	Admin	New	HDD	Gadgets	HDD	2	2	Actual	8000	16000	For Admin and Principal
36	Admin	Existing	Printer	Printer / Scanner	Printer	1	1	Actual	125000	125000	Exustubg pinter can be obsolete. This to be used for ID Card Priting
37	Admin	Existing	Desktop	System	Desktop - Refurbished	1	1	Notional	25000	25000	
38	Admin	New	Printer	Printer / Scanner	Printer / Scanner	1	1	Actual	200000	200000	Printer and Xerox Combination. To be shared with entire Admin Team
39	Admin	Existing	Laser Printer	Printer / Scanner	Laser Printer	1	1	Actual	20000	20000	For Vice Principal Usage
40	SACE	New	Server	Server	Server	1	1	Actual	500000	500000	
41	SACE	New	Laptop	Laptop	Laptop	1	1	Actual	95000	95000	
42	MBA	Existing	Laptop			1		Nil			Not approved
43	MBA	Existing	Monitors (Replacement)	Monitor	Monitor - New	25	25	Actual	10000	250000	
44	MBA	Existing	Hardware Upgrade - RAM	Hardware Upgrade	Hardware Upgrade - RAM	7	7	Actual	4000	28000	
45	MBA	Existing	Hardware Upgrade - RAM	Hardware Upgrade	Hardware Upgrade - RAM	3	3	Actual	4000	12000	
46	MBA	Existing	Laptop Battery Replacement	Gadgets	Laptop Battery Replacement	1	1	Actual	7000	7000	HP 384 G4 Laptop Battery
47	MBA	Existing	Desktop	System	Desktop - Refurbished	7	7	Notional	25000	175000	

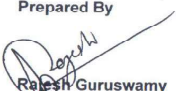
48	MBA	Existing	Desktop	Monitor	Monitor - New	7	7	Actual	10000	70000	
49	MBA	Existing	Desktop	System	Desktop - New	7	7	Actual	80000	560000	
50	MBA	New	Network - LAN Port	Network	Network - LAN Port	21	21	Actual	4000	84000	
51	MBA	New	Access Point	Network	Access Point	2					Not Required as LAN Port should be available
52	Chemical	New	Desktop			2		NA			
53	Chemical	Existing	Desktop	System	Desktop - New	3	3	Actual	80000	240000	
54	Chemical	Existing	Desktop	System	Desktop - Refurbished	3	3	Notional	25000	75000	
55	Chemical	Existing	Laptop	Laptop	Laptop	1	1	Notional	35000	35000	
56	Chemical	Existing	Printer	Printer / Scanner	Multi Functional Printer	2	1	Actual	23000	23000	
57	Chemical	Existing	Printer	Printer / Scanner	Printer	1	1	Actual	16000	16000	
58	Chemical	Existing	Network - LAN Port	Network	Network - LAN Port	9	9	Actual	4000	36000	
59	Chemical	Existing	Access Point	Network	Access Point	1		NA			Not Required as LAN Ports are being provided
60	Chemical	Existing	Access Point	Network	Access Point	1		NA			Not Required as LAN Ports are being provided
61	Chemical	Existing	Software - Aspen Plus	Software	Software - Aspen Plus	1	1	Actual	150000	150000	
62	Maths	Existing	Network - LAN Port	Network	Network - LAN Port	10		NA			Wi Fi available and hence not required
63	Mechanical	New	Desktop	Laptop	Laptop	4	4	Notional	35000	140000	
64	Mechanical	New	Desktop	System	Desktop - New	40	18	Actual	80000	1440000	
65	Mechanical	New	Laptop	Laptop	Laptop	1	1	Notional	35000	35000	
66	Mechanical	New	Hardware Upgrade - RAM	Hardware Upgrade	Hardware Upgrade - RAM	10	10	Actual	4000	40000	
67	Mechanical	New	Laptop Battery Replacement	Gadgets	Laptop Battery Replacement	3	3	Actual	7000	21000	
68	Mechanical	New	Hardware Upgrade - RAM	Hardware Upgrade	Hardware Upgrade - RAM	19	19	Actual	4000	76000	
69	Mechanical	New	Network - LAN Port	Network	Network - LAN Port	40	20	Actual	4000	80000	
70	Mechanical	New	Network - Switch	Network	Network - Switch	1	1	Actual	250000	250000	
71	Mechanical	Existing	Access Point			1		NA			There is one Access Point available and its signal strength can be checked and relocated appropriately if required. Another one will lead to Signal Leakage
72	Mechanical	Existing	Software - Minitab software	Software	Software - Minitab software	1	1	Actual	670000	670000	15 User Licence Pack Valid for 3 years Upfront Payment (Minitab 21 with Predictive Analysis Module)
73	Mechanical	Existing	Software - Witness Network License	Software	Software - Witness Network License			NA			

74	Mechanical	Existing	Software - SPSS	Software	Software - SPSS			NA			not Required
75	IT	New	Desktop	System	Desktop - New	1	1	Actual	80000	80000	
76	IT	New	Desktop	System	Desktop - New	9	9	Actual	80000	720000	
77	IT	Existing	Hardware Upgrade - Others	Hardware Upgrade	Hardware Upgrade - Others	1	1	Actual	1500	1500	Replacement of AMD A10 processor cooling fan for HP285 Pro G2 MT model desktop
78	IT	Existing	Desktop	System	Desktop - New	55	55	Actual	80000	4400000	
79	IT	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - SSD	61	61	Actual	5000	305000	250 GB SDD can be replaced
80	IT	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - RAM	76	76	Actual	4000	304000	Additional 8 GB RAM for 46 Systems and 16 GB RAM for 15 Dell Systems
81	IT	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - SSD	8	8	Actual	5000	40000	
82	IT	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - RAM	8	8	Actual	4000	32000	
83	IT	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - SSD	16	16	Actual	5000	80000	Can Upgraded with 256 GB HDD for Prof Desktop
84	IT	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - SSD	4	4	Actual	10000	40000	Can Upgraded with 1 TB HDD for Prof Laptops
85	IT	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - RAM	20	20	Actual	5000	100000	
86	IT	New	Network - LAN Port	Network	Network - LAN Port	1	1	Actual	4000	4000	Network Connection for Faculty Room
87	IT	New	Network - LAN Port	Network	Network - LAN Port	12	12	Actual	4000	48000	
88	IT	New	Network - Switch	Network	Network - Switch	1	1	Actual	240000	240000	
89	EEE	New	Desktop	System	Desktop - New	10	5	Actual	80000	400000	Partially approved to take care of existing requirement
90	EEE	New	Desktop	System	Desktop - New	6	2	Actual	80000	160000	Partially approved to take care of existing requirement
91	EEE	New	Desktop			5		NA			Lab will be commissioned only next year and not required
92	EEE	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - RAM	31	31	Actual	4000	124000	
93	EEE	Existing	Desktop	Hardware Upgrade	Hardware Upgrade - SSD	31	31	Actual	5000	155000	
94	EEE	Existing	Desktop	System	Desktop - New	2	2	Actual	80000	160000	
95	EEE	Existing	Laptop	Laptop	Laptop	1	1	Actual	95000	95000	
96	EEE	Existing	Network - LAN Port	Network	Network - LAN Port	25	14	Actual	4000	56000	Projector System - 1, Research Scholar - 4, LIC - 5, Renewable - 2, SmarGrid - 2

97	EEE	Existing	Software - ETAP	Software	Software - ETAP	1	1	Actual	420000	420000	Renewal for 1 year 15 User licence Pack
98	EEE	Existing	Software - Magnet	Software	Software - Magnet	1	1	Actual	600000	600000	Magnet Software + Motor Renewal for 1 year, 10 user licence pack
99	CSE	Existing	Hardware Upgrade - RAM	Hardware Upgrade	Hardware Upgrade - RAM	24	24	Actual	4000	96000	
100	CSE	Existing	Hardware Upgrade - SSD	Hardware Upgrade	Hardware Upgrade - SSD	30	30	Actual	5000	150000	
101	CSE	New	Seagate HardDisk - External	Gadgets	Seagate HardDisk - External	1	1	Actual	6000	6000	
102	CSE	Existing	IMAC	System	IMAC	1	1	Actual	180000	180000	
103	CSE	Existing	Desktop	System	Desktop - New	12	12	Actual	80000	960000	Core 2 Duo purchased in 2010-11 (P/104/SSNCE/2010-11) - 1 No - Microprocessor Lab, 11 Nos. - Digital Systems Lab
104	CSE	Existing	Network - LAN Port	Network	Network - LAN Port	7	7	Actual	4000	28000	
105	Civil	New	Laptop	Laptop	Laptop	2	2	Notional	35000	70000	can be given from existing stock
106	Civil	Existing	Hardware Upgrade - RAM	Hardware Upgrade	Hardware Upgrade - RAM	41	41	Actual	4000	164000	
107	Civil	Existing	Hardware Upgrade - SSD	Hardware Upgrade	Hardware Upgrade - SSD	41	41	Actual	5000	205000	
108	Civil	Existing	Laptop	Laptop	Laptop	2	2	Notional	35000	70000	Laptop from Existing Stock (i3, 8 GB, 1 TB)
109	Civil	Existing	Software - REVIT LT - IBM	Software	Software - REVIT LT - IBM	10	5	Actual	25960	129800	
110	BME	New	Desktop	System	Desktop - New	3	3	Actual	80000	240000	3 new systems for Lab
111	BME	Existing	Desktop	Laptop	Laptop	3	3	Notional	35000	105000	Laptop from Existing Stock (i3, 8 GB, 1 TB)
112	BME	Existing	Desktop	System	Desktop - New	19	19	Actual	80000	1520000	
113	BME	Existing	Printer	Printer / Scanner		1		NA			Not Approved
114	BME	New	Network - LAN Port	Network	Network - LAN Port	9	9	Actual	4000	36000	
115	BME	New	Access Point	Network	Access Point	2	2	Actual	50000	100000	PG Lab / MS Lab
116	ECE	New	Desktop	System	Desktop - New	6	6	Actual	80000	480000	
117	ECE	Existing	Hardware Upgrade - RAM	Hardware Upgrade	Hardware Upgrade - RAM	21	21	Actual	4000	84000	8GB RAM(2x4GB RAM)
118	ECE	Existing	Laptop Adapter	Gadgets	Laptop Adapter	1	1	Actual	6000	6000	
119	ECE	Existing	Desktop	System	Desktop - New	10	10	Actual	80000	800000	
120	ECE	Existing	Laptop	Laptop	Laptop	2	2	Notional	35000	70000	Laptop from Existing Stock (i3, 8 GB, 1 TB)
121	FCF	Existing	VGA to HDMI Convert	Gadgets	VGA to HDMI Converter	5	5	Actual	1000	5000	
122	ECE	Existing	Network - LAN Port	Network	Network - LAN Port	4	4	Actual	4000	16000	

123	ECE	Existing	Network - LAN PORT	Network	Access Point	1	1	Actual	250000	250000	Switch to be set up with Access Point and hence cost is high
124	ECE	Existing	Software - CST Suite S	Software	Software - CST Suite Studio	1	1	Actual	188800	188800	Renewal for a year
125	ECE	New	Software - CST Teaching	Software	Software - CST Teaching Bas	1	1	Actual	236000	236000	New Purchase post which renewal cost is 40K Per Annum
126	ECE	Existing	Scanner	Printer / Scanner	Scanner	1	1	Actual	6000	6000	
127	ECE	New	Scanner	Printer / Scanner	Scanner	1	1	Actual	6000	6000	
128	ECE	New	Printer	Printer / Scanner				NA			not required

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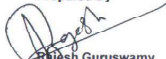
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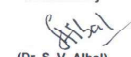
RC

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of RC																						
Sr. No.	Category	Dept	Item Description	Requested	Approved	unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
B	LaptopNew	RC	New Laptop																			
1	LaptopNew	RC	Staff Laptop	1	0			Employee - Karuppasamy(Emp# 20200436) Joined on 1/10/2020														
			Desktop for staff		1				Desktop provided from existing stock as alternate for laptop requested Employee - Karuppasamy(Emp# 20200436) Joined on 1/10/2020													
D	DesktopRepl	RC	Replacement Desktop																			
	DesktopRepl	RC	Desktop	5	5			Replacement of Old PC purchured in 2008-2009 and 2009-2010 currently used with instruments	Desktop provided from existing stock													
F	Network	RC	Network																			
1	Network	RC	LAN IO Port	6	0				Not approved as building is yet to constructed													
2	Network	RC	LAN IO Port	11	11	4000	44000							44000								
			switch for 11 port		1	250000	250000		One NEW Switch to be installed as there is no Provision for 11 LAN Ports Requested					250000								
4	Network	RC	Access Point	4	0				Not Required as LAN ports are being provided													
			Total				2,94,000							294000								

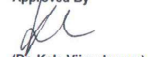
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English

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of English																					
Sr. No.	Category	Dept	Item Description	Requested	Approved	unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
0	DesktopRepl	English	Replacement Desktop																		
1	DesktopRepl	English	Computers for Language Lab Update to CORE I5 Processor 4 GB RAM & 500 GB Hard Disk Drive	58	0			2008 - 2010 systems, Core 2 Duo 1 / 2 GB RAM													
			Existing desktop/Laptop		30				Combinatin of Desktop / Laptop will be given from existing stock												
			Hardware Upgrade - Others		30	4000	120000		Repair workwill be done for existing Laptops to make if fit for use. Cost estimate is based on assorted replacements / repairs			120000									
H	PrintScanner	English	Printer / Scanner																		
		English	Printer: Black and White Print, Scan, Copy and Fax	1	0			Suggested:HP LaserJet Pro MFP M128fw Maybe procured as currently there is no printer facility in the HoD room													
	PrintScanner	English							Not approved												
	PrintScanner	English																			
			Total				120000					120000									

Prepared By

Rajesh Guruswamy
Member - CISCO

Reviewed By

(Dr. S. V. Albal)
Chairman - CISCO

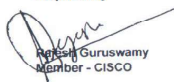
Approved By

(Dr. Kala Vijayakumar)
President, SSN Institutions

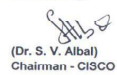
Chemistry

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of Chemistry																					
Gr. No.	Category	Dept	Item Description	Requested	Approved	unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
B	LaptopNew	Chemistry	New Laptop																		
1	LaptopNew	Chemistry	Laptop with Latest Configuration	1	1			For Chemistry Lab / Dr.V.S.Gayathri	Laptop from Existing Stock (13, 8 GB, 1 TB)												
C	HardUpgrade	Chemistry	Hardware Upgrade																		
1		Chemistry						For Chemistry Lab/ Dr.Sunita Nair,Dr.M.Mahalakshmi, Dr.S.I.Davis Presley, Dr.T.Arunluiz, Dr.A.Murugesan, Dr.Tanusreesengupta,					28000								
	HardUpgrade		Upgradation of Memory(1TB SSD Hard disc) for laptop	7	7	4000	28000	DDR 4 8 GB to be replaced													
			Upgradation of Memory(1TB SSD Hard disc) for laptop	7	7	10000	70000	For Chemistry Lab/ Dr.Sunita Nair,Dr.M.Mahalakshmi, Dr.S.I.Davis Presley, Dr.T.Arunluiz, Dr.A.Murugesan, Dr.Tanusreesengupta,					70000								
								1 TB SSD to be replaced													
F	Network	Chemistry	Network											4000							
1	Network	Chemistry	Networking for New / Old Systems	1	1	4000	4000	For Chemistry Lab													
								For Chemistry Research Lab at Chemical Engineering Block first Floor / Dr.Davispresley -Ino, Dr.A.Murugesan - 1 No,													
2	Network	Chemistry	Wifi Access Point	1	1	50000	50000	Required at Chemical Engg Block 1st Floor						50000							
						Total	152000						98000	54000							

Prepared By


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Reviewed By


 (Dr. S. V. Albal)
 Chairman - CISCO

Approved By


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 President, SSN Institutions

Accounts

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of Accounts																						
Sr. No.	Category	Dept	Item Description	Requested	Approved	unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
D	DesktopRepl	Accounts	Replacement Desktop																			
1	DesktopRepl	Accounts	Desktop Computer (Latest Configuration)	2	0			For Payroll Department (Mr V Srinivasagam) & Mr Govindan (Cashier) Replacement														
			Hardware Upgrade - SSD		2	5000	10000		Existing system to be Upgraded with 256 GB SSD				10000									
			Hardware Upgrade - RAM		2	4000	8000		Existing system to be Upgraded with additional 8				8000									
F	Network	Accounts	Network																			
1	Network	Accounts	Networking Points	2	2	8000	16000	For Cashier room	Provision available for LAN Ports					16000								
			ReOrganizing cable Work		1	22000	22000		72 Ponits available out of which 30+ is being Utilized. Reworking / Reconciliation to				22000									
H	PrintScanner	Accounts	Printer / Scanner																			
1	PrintScanner	Accounts	HP Scanner	1	1	6000	6000	Xerox Machine being used as Scanner and hence a new scanner can be purchased	Apporved					6000								
2	PrintScanner	Accounts	HP Laser Jet Printer	1	1	16000	16000	Mr Govindan (Cashier) For cheque printing and voucher (Replacement) . 2016	Apporved					16000								
						Total	78000						18000	60000								

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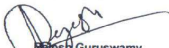
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President, SSN Institutions

TrustOffice

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of Trust Office																						
Sr. No.	Category	Dept	Item Description	Requested	Approved	Unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
C	LaptopNew	TrustOffice	New Laptop																			
	LaptopNew	TrustOffice	Laptop	2	2			Mobility usage during necessary situation for Procurement Dept.	Laptop from Existing Stock (i3, 8 GB, 1 TB)													
	LaptopNew	TrustOffice	Laptop																			
C	HardUpgrad	TrustOffice	Hardware Upgrade																			
	HardUpgrad	TrustOffice	Headphones	4	4	2000	8000	Supporting accessory for attending team calls	Supporting accessory for attending team calls				8000									
	HardUpgrad	TrustOffice	Laptop Battery for Lenova Thinkpad	1	1	6000	6000	Low performance of lenova thinkpad for the existing laptop	Low performance of lenova thinkpad for the existing laptop				6000									
D	DesktopRepl	TrustOffice	Replacement Desktop																			
	DesktopRepl	TrustOffice	Desktop	6	4	80000	320000	Replacement for 11 years old desktops, purchased in 2011 & Repeated services are done for proper functioning of those computers. (2 nos. for Admin & 4 nos. for Procurement Dept.)	4 Laptops can be given and 2 Laptops provided in previous line item			320000										
	DesktopRepl	TrustOffice	Desktop																			
H	PrintScanner	TrustOffice	Printer / Scanner																			
	PrintScanner	TrustOffice	Printer	2	1			Due to additional staff in Procurement - 1 No. & existing replacement old printer - 1 No. in Admin. Dept.)	1 not required, 1 can be given from existing stock													
	PrintScanner	TrustOffice	Photocopier Machine on buy back scheme	1	1	150000	150000	Replacement of old machine purchase on 2016. Repeated services are done for proper functioning.	Approved			150000										
						Total	484000					150000	320000	14000								

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Dr. S. V. Aibal
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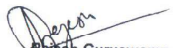
Approved By


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Physics

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of Physics																						
Sr. No.	Category	Dept	Item Description	Requested	Approved	unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
F	Network	Physics	Network																			
1	Network	Physics	Academic Block (Faculty Room) WIFI Expansion	4	2	50000	100000		Required for Research Scholars in Chemical Engg. 1st Floor Lab					100000								
						Total	100000							100000								

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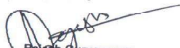
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(Dr. Kala Vijayakumar)
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Maths

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of Maths																					
Sr. No.	Category	Dept	Item Description	Requested	Approved	unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
	Network	Network	Network																		
	Network	Network	Network switch at Maths Research scholars room	10	0			35 scholars are working	Not Apporved												
	Network	Network	Lan access points at Maths Research scholars room																		
	Network	Network																			
Total																					

Prepared By


Rakesh Guruswamy
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HOF

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of HoF																					
Sr. No.	Category	Dept	Item Description	Reques- ted	Approv- ed	unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
B	LaptopNew	HoF	New Laptop																		
1	LaptopNew	HoF	Laptop	1	1			One for store for ERP purpose	Laptop from Existing Stock (13, 8 GB, 1 TB)												
D	DesktopRepl	HoF	Replacement Desktop																		
1	DesktopRepl	HoF						old desktop (Store) Newly joined staff ((1)CSO, (2)Supervisor (HK,UPS), (3)Plumbing supervisor, (4)Supervisor of CCTV & Projector) eplacement of old desktop of Mr Sankral due to inadequate OS/RAM (Old used system may please be issued)	Can be given from Existing Stock												
	DesktopRepl	HoF	Desktop	4	4			2012 Purchased HCL	Can be given from Existing Stock												
E	LaptopRepl	HoF	Replacement Laptop																		
1	LaptopRepl	HoF	Laptop	1	Nil			one for replcement of AGM Laptop (8 years old)	Not Approved												
F	Network	HoF	Network																		
1	Network	HoF	I/O point	10	10	5000	50000	for UPS at various location	Additional cost considering UPS points and hence 5K instead of 4K												
2	Network	HoF	Network Points (New)	6	6	4000	24000	for new systems (and a Printer)	for additional systems for staff												
	Network	HoF	Switch	1	1	150000	150000		Additional Switch required for providing 6 LAN Connections												
H	PrintScanner	HoF	Printer /Scanner																		
1	PrintScanner	HoF	Printer	3	2	17000	34000	Newly joined staff - Mentioned in SI.No. 2(b),for Sr.Engineer, MEP	2 Printers can be given and other one can be shared												
	PrintScanner	HoF						For Storekeeper - existing one not usable condition , For Assistant Executive (Electrical Maintenance) - existing one not usable condition	approved												
2			Scanner	2	2	6000	12000														
						Total	270000														

Prepared By

Rajesh Guruswamy
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Reviewed By

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Chairman - CISCO

Approved By

(Dr. Kala Vijayakumar)
President, SSN Institutions

Admin

SSN INSTITUTIONS
CISCO Budget for FY 2022-23
Department of Admin

Sr. No.	Category	Dept	Item Description	Requested	Approved	unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
C	HardUpgrade	Admin	Hardware Upgrade																		
1	HardUpgrade	Admin	External Hard Disk - 2 TB SSD	2	2	8000	16000	(For Principal and Deputy Manager)	For Admin and Principal			16000									
2	HardUpgrade	Admin	ID Card printer Dual Mode	1	1	125000	125000	Mohan, Admin	Existing pinter can be obsolete. This to be used for ID Card Priting	125000											
D	DesktopRepl	Admin	Replacement Desktop																		
1	DesktopRepl	Admin	Desktop	1	1			Kavitha, Admin (2011 Purchase)	Desktop will provided from Exsisting stock												
ti	PrintScanner	Admin	Printer / Scanner																		
			Multi Functional Printer and scanner with stapling	1	1	200000	200000	Printer, Scanner and photo copy for Admin (For all Admin Department work and scanning of all I year students certificates for DOTE)	Printer and Xerox Combination. To be shared with entire Admin Team					200000							
2	PrintScanner	Admin	Laser Printer	1	1	20000	20000	Viceprincipal	For Vice Principal Usage					20000							
	PrintScanner	Admin																			
			Total				361000			125000	16000		220000								

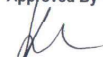
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 Chairman - CISCO

Approved By


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 President, SSN Institutions

SACE

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of SACE																						
Sr. No.	Category	Dept	Item Description	Requested	Approved	unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
A	DesktopNew	SACE	New Desktop																			
	DesktopNew	SACE	Server	1	1	500000	500000	ERP Requirement	Apporved										5,00,000			
	DesktopNew	SACE																				
B	LaptopNew	SACE	New Laptop																			
	LaptopNew	SACE	Laptop with i5 processor, 1 TB																			
	LaptopNew	SACE	SSD, 16 GB RAM	1	1	95000	95000	ERP Requirement	Apporved				95000									
	LaptopNew	SACE																				
						Total	595000						95000						5,00,000			

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Rakesh Guruswamy
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Reviewed By


(Dr. S. V. Albal)
Chairman - CISCO

Approved By


(Dr. Kala Vijayakumar)
President, SSN Institutions

MBA

SSN INSTITUTIONS
CISCO Budget for FY 2022-23
Department of MBA

Sr. No.	Category	Dept	Item Description	Requested	Approved	Unit cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
B	LaptopNew	MBA	New Laptop																		
	LaptopNew	MBA	Laptop (1 New Classroom)	1	-			New Classroom for Business Analytics	Not approved												
C	HardUpgrade	MBA	Hardware Upgrade																		
	HardUpgrade	MBA	Monitors (Replacement)	25	25	10000	250000	Units purchased in 2011	approved			250000									
	HardUpgrade	MBA	4 GB DDR 3 RAM - Desktop	7	7	4000	28000	Units purchased in 2013													
	HardUpgrade	MBA	4 GB DDR 3 RAM - Laptop	3	3	4000	12000	Class room laptops					28000								
	HardUpgrade	MBA	HP 384 G4 Laptop Battery	1	1	7000	7000		HP 384 G4 Laptop Battery				12000								
D	DesktopRepl	MBA	Replacement Desktop																		
	DesktopRepl	MBA	System (Replacement)	14	7	80000	560000	Units purchased in 2011, Replacement requested for Lab				560000									
			Monitor		7	10000	70000		new monitor for Existing stock			70000									
			Desktop from Existing Stock		7				Desktop from Existing Stock												
F	Network	MBA	Network																		
1	Network	MBA	Network Points	21	21	4000	84000	Library - 4, Faculty - 13, Director Office & Conference Hall - 4						84000							
2	Network	MBA	Wifi Access Point	2					Not Required as LAN Port should be available												
H	PrintScanner	MBA	Printer / Scanner																		
1	PrintScanner	MBA	Printers	1	-			Director printer to be given to placement officer and a new unit to be purchased for Director	Not Approved												
2	PrintScanner	MBA	Scanner (Office)	1	0			Existing Scanner used for Computer Lab. Additional required for Office Room	Not Approved												
3	PrintScanner	MBA	Power Point Mover	6																	
				Total			1011000					880000	47000	84000							

Prepared By

[Signature]
 R. S. V. Guruswamy
 Member - CISCO

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 Chairman - CISCO

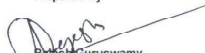
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 (Dr. Kala Vijayakumar)
 President, SSN Institutions

Chemical

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of Chemical Engineering																					
Sr. No.	Category	Dept	Item Description	Requested	Approved	Unit Cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	DesktopNew	Chemical	New Desktop																		
1	DesktopNew	Chemical	Computer - Desktop	2	0			New Faculty 2 nos new and Dr.Kilaru Harsha Vardhan	Not Apporved												
B	LaptopNew	Chemical	New Laptop																		
1	LaptopNew	Chemical	Laptop	1	1			Dr.P.Senthil Kumar, Professor (Replacement - not satisfied and returned)	will be provided from existing stock												
D	DesktopRepl	Chemical	Replacement Desktop																		
	DesktopRepl	Chemical	Desktop New	6	3	80000	240000	1 no (Replacement) and Process Control Lab - 4 nos often Repair (Replacement)	3 new system provided for replacement 3 Referbished system will be provided.					240000							
		Chemical	Existing Desktop		3																
F	Network	Chemical	Network																		
	Network	Chemical	Wifi Points (New)	1	0			PG First Year Class Room	Not Apporved												
	Network	Chemical	Wifi Point (Lab)	1	0			Electrochemical Sensor Lab(Dr.P.Senthil Kumar)	Not Apporved												
	Network	Chemical	Internet Points (LAN)	9	9	4000	36000	Electrochemical Sensor Lab(Dr.P.Senthil Kumar: 4 nos) and Tonic Liquids Lab(Dr.R.Anantharaj - 5 nos)	apporved						36000						
G	Software	Chemical	Software																		
1	Software	Chemical	Renewal of Software - Aspen Plus	1	1	150000	150000	For License One year Renewal	Apporved	1,50,000											
H	PrintScanner	Chemical	Printer & Scanner																		
1	PrintScanner	Chemical	Printer - HP Laserjet 1020 Plus	2	1	23000	23000	Existing Printers Purchased in the Year 2007 & 2005,Not working, Repair,Aged (Replacement) Dept Office	one normal printer apporved alternate option provided as Multifunctional printer						23,000						
2	PrintScanner	Chemical	Scanner - HP - 200	1	0			Department Office Use													
3	PrintScanner	Chemical	Multifunctional Printer		1	16000	16000								16,000						
			Total				465000			150000		240000		75000							

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Mech

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of Mechanical Engineering																					
Sr. No.	Category	Dept	Item Description	Requested	Approved	Unit Cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	DesktopNew	Mech	New Desktop																		
1	DesktopNew	Mech	Desktop	4	0			Desktop required for the following newly joined faculty: Dr.Dravya Zindani, Dr. Mitha Premkumar, Dr. S.Santosh, Dr. P.K.Aniyudh	Laptop provided for replacement.												
			Laptop		4				Laptop will be provided from the Existing stock												
2	DesktopNew	Mech	Desktop	40	18	80000	1440000	Desktop required for New Industrial analytics lab	New Lab			14,40,000									
	LaptopNew	Mech	New Laptop																		
1	LaptopNew	Mech	Laptop	1	1			For Conducting Classes in Mechanical Drawing Hall	Laptop will be provided from the Existing stock												
C	HardUpgrade	Mech	Hardware Upgrade																		
1	HardUpgrade	Mech	RAM Upgrade (for Laptops)	10	10	4000	40000	Class room Laptops	Approved												
	HardUpgrade	Mech	Laptop Battery Replacement	3	3	7000	21000		Approved												
	HardUpgrade	Mech	RAM Upgrade (for Desktops)	19	19	4000	76000		Approved												
	Network	Mech	Network																		
1	Network	Mech	LAN Point Switch	40	20	4000	80000	For networking the Desktop in Industrial analytics lab	20 ports approved												
2	Network	Mech	LAN Port	1	0	250000	250000		for above 20 ports switch required												
									Provision available												
3	Network	Mech	WiFi Router	1	0				There is one Access Point available and its signal strength can be checked and relocated appropriately if required. Another one will lead to Signal Leakage												
G	Software	Mech	Software																		
1	Software	Mech	Minitab software	1	1	670000	670000	For simulating experiments in Industrial Analytics lab	15 User Licence Pack Valid for 3 years Upfront Payment (Minitab 21 with Predictive Analysis Module)			6,70,000									
2	Software	Mech	Winccas Software Network License	10	NA			For simulating experiments in Industrial Analytics lab	Not approved												
3	Software	Mech	SPSS statistical software tool	2	NA			Floating Licence, comes with pack of 10	Not approved												
H	PrintScanner	Mech	Printer / Scanner																		
1	PrintScanner	Mech	Printer	3	NA			For M.E Energy lab[1 no.]& Fundamentals of Mechanical Engineering Lab and Manufacturing Technology Lab[1 no.]& Industrial Practices lab[1 no.]	Not approved												
						Total	2577000					2110000	137000	330000							
Prepared By																					

Prepared By

Rajesh Guruswamy
Member - CISCO

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Chairman - CISCO

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President, SSN Institutions

IT

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of IT Engineering																																										
Sr. No.	Category	Dept	Item Description	Requested	Approved	Unit Cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar																					
1	DesktopNew	IT	New Desktop New Desktops - INTEL Virtual Technology enabled Processor i7, 16GB RAM, 1TB SSD, KBD, Mouse, DDR3 RAM, 19 inches LED Monitor, DVD R/W, Inbuilt LAN Card, NVIDIA 4GB Graphics card	1	1	80000	80000	Dr. Ashwinth (New Faculty)	Approved			80000																														
	DesktopNew	IT	New Desktops - INTEL Virtual Technology enabled Processor i7, 16GB RAM, 1TB SSD, KBD, Mouse, DDR3 RAM, 19 inches LED Monitor, DVD R/W, Inbuilt LAN Card	9	9	80000	720000	IoT Lab	Approved			720000																														
C	HardUpgrade	IT	Hardware Upgrade Replacement of AMD A10 processor cooling fan for HP285 Pro G7 MT model desktop	1	1	1500	1500	VN Lab	Approved					1500																												
	DesktopRepl	IT	Replacement Desktop Desktop (Replacement) - INTEL Processor i7, 16GB RAM, 1TB SSD, KBD, Mouse, DDR3 RAM, 19 inches LED Monitor, DVD R/W, Inbuilt LAN Card, NVIDIA 4GB Graphics card	8	0			Dr. S. Karthika, Dr. P. Vasuki, Dr. Joe Louis Paul, Dr. S. Vidhusha, Dr. S. Sasirekha, Dr. Sofia Jennifer, Dr. R. Swathika, Dr. K. S. Gayathri	Hardware upgrade recomanded ssd & RAM																																	
2	DesktopRepl	IT	Hardware Upgrade - SSD Hardware Upgrade - RAM Replacement of Desktops - INTEL Virtual Technology enabled Processor i7, 16GB RAM, 1TD SSD, KBD, Mouse, DDR3 RAM, 19 inches LED Monitor, DVD R/W, Inbuilt LAN Card	116	55	80000	4400000	VN Lab - 7, OS Lab - 36, SE Lab - 35, CB Lab - 8, AT Lab - 30	for Hcl system replacement approved reamaing hardware upgrade				4400000																													
			Hardware Upgrade - SSD		61	5000	305000		250 GB SDD can be replaced				305000																													
			Hardware Upgrade - RAM		76	4000	304000		Additional 8 GB RAM for 46 Systems and 16 GB RAM for 15 Dell Systems				304000																													

[illegible]

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1	Software	EEE	ETAP 21 software new License	1	1	420000	420000	ETAP software was purchased in the year of 2006. As per FTAP policy, the license with expired maintenance for more than 5 Years cannot be renewed. For Power system simulation laboratory as per Autonomous (R2018 & R2021) - UG & PG Student Project work and research activities. 15 User Licence Pack	Approved	420000									
2	Software	EEE	Magnet software (Upgradation with AMC 1year)	1	1	600000	600000	For PG Student Project work and research activities that include Student internship, Funded projects, Faculty and student research. To undertake industrial related student intern and projects.	Approved	600000									
						Total	2170000			1020000	815000	279000	56000						


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CSE

[illegible]

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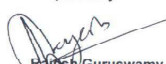
Approved By _____

(Dr. Kala Vijayakumar)
President, SSN Institutions

Civil

SSN INSTITUTIONS CISCO Budget for FY 2022-23 Department of Civil Engineering																						
Sr. No.	Category	Dept	Item Description	Requested	Approved	Unit Cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
B	DesktopNew	Civil	New Laptop					For Discussion Room in the Dept (newly developed), For Elective Classroom in the Dept (Newly developed)	can be given from existing stock													
	DesktopNew	Civil	Laptop	2	2																	
C	DesktopNew	Civil	Hardware Upgrade					For CADD Lab Desktop System Upgradation to accomodate software as mandated in R2021	Additional4GB RAM													
	DesktopNew	Civil	8 GB DDR3 RAM	41	41	4000	164000	For CADD Lab Desktop System Upgradation to accomodate software as mandated in R2021	250GB SSD HDD				164000									
	DesktopNew	Civil	250 GB SSD	41	41	5000	205000						205000									
E	DesktopNew	Civil	Replacement Laptop					For Drawing Hall in the Dept which is used to conduct theory classes with SOP.	Can be given from existing stock													
1	DesktopNew	Civil	Replacement Laptop	1	1			Req. by Dr.YK.Sabapathy. Reason given: My laptop has is 5 years old and many function are not working. Battery has failed.	Can be given from existing stock													
	DesktopNew	Civil	Replacement Laptop	1	1																	
G	DesktopNew	Civil	Software																			
	DesktopNew	Civil	Software REVIT LT - IBM	10	5	25960	129800		approrved		129800											
						Total	498800				129800		369000									

Prepared By


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Approved By


(Dr. Kala Vijayakumar)
President, SSN Institutions

BME

SSN INSTITUTIONS
CISCO Budget for FY 2022-23
Department of Bio Medical Engineering

Sr. No.	Category	Dept	Item Description	Requested	Approved	Unit Cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	DesktopNew	BME	New Desktop					Computers required for new faculty members 1. Dr. N. Punitha, 2. Dr. Saranya, 3. Dr. Pauline John													
A	DesktopNew	BME	Desktop computer	3	0				Approved for Laptop Laptop will be provided from the Existing Stock												
			Laptop		3																
	DesktopNew	BME	Desktop computer	3	3	80000	240000	Desktop computers (3 nos.) required for newly established research lab under Centre for Healthcare Technology.	Approved			240000									
D	DesktopRepl	BME	Replacement Desktop																		
1	DesktopRepl	BME	Computer (Replacement)	3				Replacement computers required for faculty members as they use old computers that are purchased during 2015. Systems were very slow in computation. 1. Dr. J. Vijay 2. Dr. L. Suganthi 3. Dr. Nirmala													
2	DesktopRepl	BME	Computer (Replacement)	15	15	80000	12,00,000	4. In Medical Software Lab 32 systems have been purchased during 2014 and 2 systems have purchased during 2015. The model has issues with mother board which often need to be serviced. And also System is not supporting properly while using higher end modelling tools such as Autodesk fusion 360, Labview, MATLAB. Also rendering of 3 D models slow down the system. So, Systems with Graphics card is required for installing 3 D modelling tools in the course MEDICAL SYSTEM DESIGN AND MODELLING LAB-UBM1712. We need to replace atleast few computers (15 nos.) to conduct lab courses efficiently.	Approved			1200000									
	DesktopRepl	BME		4	4	80000	3,20,000	5. In PG lab, 4 computers are not working and serviced many times. They are purchased during 2011-12 and unable to install MATLAB and LabVIEW tools.	Approved			320000									
F	Network	BME	Network																		

[illegible]


Rajesh Guruswamy
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President, SSN Institutions

ECE

SSN INSTITUTIONS GISCO Budget for FY 2022-23 Department of ECE Engineering																						
Sr. No.	Category	Dept	Item Description	Requested	Approved	Unit Cost	Total cost	Department Inputs	CISCO Comments	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
A	DesktopNew	ECE	New Desktop																			
1	DesktopNew	ECE	Desktop with latest configuration	1	1	80000	80,000	Required as per regulation 2021(R-21)	Apporved			80000										
2	DesktopNew	ECE	Desktop with latest configuration	5	5	80000	400000	As per the regulations (R2018 & R2021), 2nd cycle experiments are completely software driven experiments, Hence subject handling faculties recommend that additional five systems would help fulfilling the needs of lab completion smnntly.	Apporved			400000										
C	HardUpgrade	ECE	Hardware Upgrade																			
1	HardUpgrade	ECE	8GB RAM (2x4GB RAM)	21	21	4000	84000	The current configuration as said above have only 4GB, hence there is need to increase the RAM from 4GB to 8 GB.	Apporved				84000									
2	HardUpgrade	ECE	Laptop adapter (Model:Lenovo ideapad S20)	1	1	6000	6000	Laptop charger wire broken and not getting charged. Dr.P.Vijayalakshmi	Apporved				6000									
D	DesktopRepl	ECE	Replacement Desktop																			
1	DesktopRepl	ECE	Desktop with intel core i7processor,8GB RAM, 1TB HDD, DVD R/W	10	10	80000	8,00,000	Systems are required to support high end processing requirements such as simulation using CST studio, Matlab, ADS etc. Existing quantity was purchased before 11 years and the current softwares do not supported. All the monitors have screen problems such as blank screen and patches in the display. (Quality cannot be compromised as Audit is due) Students prefer to use their own laptops and current Sw is not supported, CST Research Licence have 5 systems	Apporved			800000										
E	LaptopRepl	ECE	Replacement Laptop																			
1	LaptopRepl	ECE	Laptop with latest configuration	1	1			Existing old laptop (year of purchase August 2014) is not working properly and frequently hangs. Dr.N.Edna Elizabeth	Laptop will be given from Existing stock													
2	LaptopRepl	ECE	Class Room Laptop with latest configuration	1	1			Replacement of existing laptop that is not working properly and frequently hanging (Year of purchase 2011)	Laptop will be given from Existing stock													
F	Network	ECE	Network																			

[illegible]

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SSN INSTITUTIONS

Annual Budget FY 2021-22

DEPARTMENT

SSN-CISCO

DIRECTOR

Dr.ALBAL

CISCO CAMPUS

Capital Expenditure		1,03,05,500
Operating Expenditure		1,63,69,964
CISCO DEPARTMENTS		
Capital and Operating Expenditure		70,43,300

Dr ALBAL
(Director)

Dr. KALA VIJAYAKUMAR
(President)

SSN INSTITUTIONS

CISCO Capital Budget for financial year 2021-22

Sl. No.	Description	Quantity Required	Unit Cost	Total Cost	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
1	Data Center 256GB RAM, 1.6TB x 5 SSD Enterprise, RAID controller, 2 Network	2	17,50,000	35,00,000	Carry forward from the budget-2020-21			35,00,000								
2	Add SSD to Help/HD Laptops	20	25,000	5,00,000	Carry forward from the budget-2020-21			5,00,000								
3	1.6TB Enterprise SSD Data Center Staging Room -	10	1,00,000	10,00,000	Carry forward from the budget-2020-21			10,00,000								
4	Dedicated UPS 5 KVA with Batteries	1	1,00,000	1,00,000	Carry forward from the budget-2020-21											
5	POE Switch Power Backup	30	20,000	6,00,000			6,00,000									
6	KVM Remote Switch	2	40,000	80,000			80,000									
7	10G Ethernet PCI Card	5	30,000	1,50,000			1,50,000									
8	10G 24-port Switch	2	2,00,000	4,00,000			4,00,000									
9	4G Router	5	2,000	10,000			10,000									
10	1G Load balancer	1	20,000	20,000			20,000									
11	4G SIM(1 year)	5	12,000	60,000			60,000									
12	AWS/Azure Instance	1	3,75,000	3,75,000					3,75,000							
			Sub-Total	67,35,000												
	Campus WiFi															
13	Academic Block (Faculty Room) WiFi Expansion	40	35,000	14,00,000			14,00,000									
13a	PoE Switch	4	85,000	3,40,000			3,40,000									
13b	WLC License (50 AP)	1	3,00,000	3,00,000			3,00,000									
14	Staff Quarters WiFi	1			Under Discussion											
15	Replacement (Purchased Year 2007-09) Phase 2	18	70,000	12,60,000	Carry forward from the budget-2020-21		12,60,000									
			Sub-Total	33,00,000												

SSN INSTITUTIONS

CISCO Capital Budget for financial year 2021-22

Sr. No.	Description	Quantity Required	Unit Cost	Total Cost	Apr.	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
16	Dept - Network and System															
	Relaying or Restructuring of I/O BOX	100	350	35,000	Carry forward from the budget-2020-21											
17	Department Desktop Ram Upgradation	65	2,700	1,75,500	Carry forward from the budget-2020-21											
			Sub-Total	2,10,500												
			TOTAL	4,05,05,500	0	0	47,20,000	52,10,500	3,75,000	0	0	0	0	0	0	0

* Approximate value only, the actual value may change

Prepared By

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President, SSN Institutions

SSN INSTITUTIONS

CISCO Revenue Budget for financial year 2021-22

S. No	Description	Qty	Unit Cost	Total Cost	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A. INTERNET BANDWIDTH -																
1	1 Gbps bandwidth (through OEC)	2	25,96,000	51,92,000	12,98,000			12,98,000			12,98,000			12,98,000		
	Vodafone International Period Charge	1	5,20,000	5,20,000	5,20,000											
	(Split into SSN and SSN required)		Sub-Total	57,12,000												
B. AMC *																
2	AMC carry forward (2020-21)	0	12,50,000	0												
3	Desktops, Servers, Workstations, Laptops & Network AMC (2021-22)	4	12,50,000	50,00,000	12,50,000			12,50,000			12,50,000			12,50,000		
4	CSE Dept GM Lab Apple Machines (On call basis)	1	1,00,000	1,00,000				33,333				33,333			33,333	
5	Printers & Scanners (On call basis-One Time Repair Charges)	1	1,00,000	1,00,000				33,333				33,333				
6	Printer Cartridge for (Director/Principal)	2	5,000	10,000					10,000							
7	IT-Dept-Toshiba E studio 2505 H - Toner	1	2,000	2,000					2,000							
8	SOM- Laptop Service - On call basis	1	25,000	25,000						12,500					12,500	
9	AMC IT-Dept-Toshiba E studio 2505 H	1	25,000	25,000						12,500					12,500	
10	AMC for EATON UPS - 2 No's along with Batteries (From September 2020)	1	20,000	20,000			20,000									
11	AMC for CLIMAVENETA - 10 Tr - 1 No (From September 2020)	1	45,000	45,000			45,000									
			Sub-Total	59,27,000												
C. Campus wide Annual License																
12	Microsoft EES	1	17,13,490	17,13,490										17,13,490		

Revenue

SSN INSTITUTIONS

CISCO Revenue Budget for financial year 2021-22

S. No	Description	Qty	Unit Cost	Total Cost	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
13	Mailab	1	14,75,000	14,75,000							14,75,000					
14	Antivirus Software	1	3,40,000	3,40,000						3,40,000						
15	Panoptio Software	1	14,50,000	14,50,000						14,50,000						
16	Anti-plagiarism software on susubscription model	1	2,50,000	2,50,000				Carry forward from the budget-2	2,50,000							
17	Contingency	1	2,00,000	2,00,000												2,00,000
D	Data Center, Systems, Networks critical spares (details below)	1	0,37,900	8,37,900					8,37,900							
			Sub-Total	62,66,300												
			TOTAL	1,73,05,390	30,68,000	0	65,000	26,14,667	10,99,900	18,15,000	40,23,000	66,667	17,13,490	25,48,000	2,91,667	0

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SSN INSTITUTIONS

Consolidated CISCO Budget for financial year 2021-22

S.No	Department	Capital	Cisco Approved	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
1	Bio-Medical Engineering	1,59,600.00	1,39,600.00	0	0	0	1,39,600	0	0	0	0	0	0	0	0
2	Chemical Engineering	3,44,000.00	3,13,000.00	3,13,000	0	0	0	0	0	0	0	0	0	0	0
3	Civil Engineering	3,39,000.00	1,75,000.00	0	0	0	1,75,000	0	0	0	0	0	0	0	0
4	Computer Science and Engineering	29,20,000.00	20,73,500.00	0	0	0	20,73,500	0	0	0	0	0	0	0	0
5	Electrical & Electronics Engineering	4,20,000.00	4,20,000.00	0	4,20,000	0	0	0	0	0	0	0	0	0	0
6	Electronics & Communication	41,46,600.00	10,84,400.00	0	0	0	7,25,200	3,59,200	0	0	0	0	0	0	0
7	Information Technology	1,10,000.00	1,10,000.00	0	0	0	1,10,000	0	22,000	0	0	0	0	0	0
8	Mechanical Engineering	29,72,000.00	12,15,000.00	0	0	0	11,93,000	0	0	0	0	0	0	0	0
9	Maths	55,000.00	55,000.00	0	0	0	55,000	0	0	0	0	0	0	0	0
11	SoM	4,95,000.00	4,95,000.00	0	0	0	4,95,000	0	0	0	0	0	0	0	0
12	SACE	55,000.00	55,000.00	0	0	0	55,000	0	0	0	0	0	0	0	0
13	Admin-HR-Placement	1,89,500.00	1,17,500.00	0	0	0	1,10,000	7,500	0	0	0	0	0	0	0
15	HOF	2,06,000.00	1,77,000.00	0	0	0	1,65,000	12,000	0	0	0	0	0	0	0
17	Sports	4,22,000.00	3,12,000.00	0	0	0	3,12,000	0	0	0	0	0	0	0	0
19	Library	2,00,000.00	2,00,000.00	0	0	0	2,00,000	0	0	0	0	0	0	0	0
20	Physics	14,000.00	14,000.00	0	0	0	14,000	0	0	0	0	0	0	0	0
21	TrustOffice	4,84,300.00	87,300.00	0	0	0	62,300	25,000	0	0	0	0	0	0	0
TOTAL		1,35,92,000.00	70,43,300.00	3,13,000	4,20,000	0	58,84,600	4,03,700	22,000	0	0	0	0	0	0

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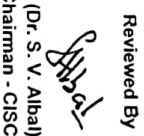
President, SSN Institutions

SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Department of Bio Medical Engineering

Sr. No.	Item Description	Quantity Required	Cisco	Unit Cost	0	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	Replacement Desktop																		
1	Replacement Desktop computer	2	2	55,000		1,10,000	These computers are purchased in 2014 & 2015. Repeated services are done for proper functioning of the computers. Faculties are finding difficulty in using these desktop computers (Dr. S. Arunkarthick, Dr. B. Geethanjali)				1,10,000								
B	Network						Internet points are to be repaired at PG lab - 2 nos and DTE lab - 2 nos, Central Health Care Lab				29,600								
2	Network point repair	8	8	3,700		29,600													
C	Printer & Scanner						Printer at BME office has to be replaced as it is not working properly.												
3	Printer with scanner	1	0	20,000		20,000													
		TOTAL				1,59,600		0	0	0	1,39,600	0	0	0	0	0	0	0	0

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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Department of Chemical Engineering

Sr. No.	Item Description	Quantity Required	Cisco Approved	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	Software																	
1	Renewal of Software - Aspen Plus	1	1	1,50,000	1,50,000	For License One year Renewal	#####											
B	New Desktop					Sanctioned during 20-21 Carryforward from the Budget 2020-2021, for new Faculty	0											
2	Desktop as a Server	1	0	55,000	55,000	0												
C	Replacement Desktop					0												
3	Computer - Desktop	1	1	55,000	55,000	SIL Lab UV Vis System not working, Purchased in the year 2008, Replacement	55,000											
D	New Laptop					0												
4	Laptop	1	1	55,000	55,000	For New Professor	55,000											
E	Replacement Printer & Scanner					0												
5	HP Laserjet 1020 Plus	2	2	12,000	24,000	Existing one(Multifunction Printer M1005) not working, Purchased in the year 2007, Existing one not working, Purchased in the year 2007, Replacement	48,000											
6	Scanner HP-200	1	1	5,000	5,000	Existing one scanning quality low, Replacement Purchased in the Year 2009	5,000											
TOTAL				5,000	3,44,000	5,00,000	3,43,000	0	0	0	0	0	0	0	0	0	0	0

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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Department of CIVIL Engineering

Sr. No.	Item Description	Quantity Required	CISCO	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	New Desktop																	
1	Desktop	2	2	55,000	1,10,000	New Faculty				#####								
B	Replacement Laptop																	
2	Replacement Laptop	1	1	55,000	55,000	For HOD- Replacement for existing dell laptop which is old				55,000								
C	Software																	
3	MS project student version	20	0	6,700	1,34,000	This software is needed to conduct project management subject for Autonomous, Design project and Final year projects.												
D	Network																	
4	Network Point	2	0.2	50,000	1,00,000	Under Discussion				10,000								
TOTAL					3,99,000	10,000 For new Desktop	0	0	0	1,75,000	0	0	0	0	0	0	0	0
					1,75,000													

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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Department of Computer Science and Engineering

o.	Item Description	Quantity Required	Approved Qty	Unit Cost	Total Cost	Remarks	Cisco Comment	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
	Replacement Desktop iMac 3.6 GHz Quad-Core i5, 8GB RAM, 1 TB HDD, LG Monitor 19 inch, USB Keyboard, USB Mouse	3	3	95,000	2,85,000	Replacement for 3 iMac machines due to lower configuration, 10 year old. Year of purchase 2010-11	ok, ensure the old one is returned to CISCO for repurposing				2,85,000								
	Latest Desktop (Replacement for old machines) Intel Core i7, 16GB, 2 TB, NVIDIA GEFORCE 1050Ti GPU Card, LED Monitor, USB Keyboard, USB Mouse	15	15	55,000	8,25,000	For Open Source Lab - 3 old machines more than 10 years, 16GB HDD, 4GB RAM, System Programming Lab - 2 old machines, PG Lab II - 10 old machines more than 8 years - year of purchase 2011	ok, ensure the i5 and Core2 are returned before we provide new machines. These machines to be repurposed as per mgmt decision				8,25,000								
	Replacement Laptop																		
	Latest Laptop	1	0	55,000	55,000	For Seminar Hall-existing laptop has no battery backup and low configuration. Year of purchase 2012-2013	To be given from stock after upgrading RAM and SSD												
	Network	5	5	3,700	18,500	For OSNP Lab - 1 for existing server and 4 for existing Desktop					18,500								
	Network Point	16	16	55,000	8,80,000						8,80,000								
	Last year (Core 2 Duo)	10	0	55,000	5,50,000														
	Last year - New Desktop Approved	0	10	3,500	35,000						35,000								
	SSD	0	10	3,000	30,000						30,000								
	RAM	1	0	3,00,000	3,00,000														
	Last year - Server Approved for Xeon Replacement																		
	Option 1(Through DC GTX)																		
	Option 2(Through Google Collab)																		
	Option 3(Through AWS)																		
	Option 4(Through SASE Supremico Tesla)																		
	<<<Last Year's budget to be accounted>>>					Breakup to be added													
	TOTAL			29,20,000	20,73,500			0	0	0	20,73,500	0	0	0	0	0	0	0	0

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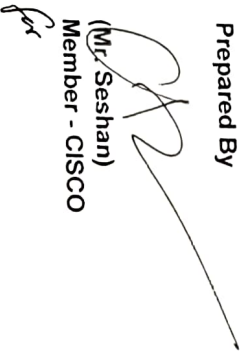
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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Department of Electrical and Electronics Engineering

Sr. No.	Item Description	Quantity Required	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	De	Ja	Fe	Ma
A	Software																
1	Magnet software (Upgradation with AMC-1year)	1 user license	350000	350000	For PG Student Project work and research activities		350000										
B	Replacement Laptop																
2	Laptop with Latest Configuration	1	55000	55000	EEE Dept Professor Laptop AMD Quad core 3.2Ghz, 8GB DDR3 Ram, 500GB Hard disk Configuration laptop, Dr.Rajini having NIRF, NBA and other departmental activities requires replacement of very old laptop.		55000										
C	Others																
3	External Hard disk 2TB	2	7500	15000	EEE Department office for Data Storage.		15000										
TOTAL			4,20,000	4,20,000		0	4,20,000	0	0								

Prepared By


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Sr. No.	Item Description	Quantity Required	Cisco	Unit Cost	Total Cost	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	New Desktop																
1	Desktop with intel core i7/processor, 8GB RAM, 1TB HDD, DVD R/W	2	0	55,000	110000.00	0.00											
2	Desktop with intel core i7/processor, 16GB RAM, 1TB HDD, DVD R/W	1	0	65,000	65000.00	0.00											
3	Desktop with intel core i7/processor, 16GB RAM, 1TB HDD, DVD R/W	1	0	65,000	65000.00	0.00											
4	Desktop with intel core i7/processor, 8GB RAM, 1TB HDD, DVD R/W	1	0	55,000	55000.00	0.00											
5	Desktop with intel core i7/processor, 8GB RAM, 1TB HDD, DVD R/W	1	0	55,000	55000.00	0.00											
6	Desktop with intel core i7/processor, 8GB RAM, 1TB HDD, DVD R/W	1	0	55,000	55000.00	0.00											
B	Sub Total	7			0.00	0.00											
7	Replacement Desktop																
	Desktop with intel core i7/processor, 8GB RAM, 1TB HDD, DVD R/W	31	5	55,000	1705000.00	275000.00											
	SSD 250	0	46	3,500	161000.00	161000.00											
	RAM 8GB	0	46	2,700	124200.00	124200.00											
8	Desktop with intel core i7/processor, 8GB RAM, 1TB HDD, DVD R/W	20	0	55,000	1100000.00	0.00											
	Sub Total	51			0.00	0.00											
C	Replacement Laptop																
9	Laptop with latest configuration	3	3	55,000	165000.00	165000.00											
10	Laptop with latest configuration	3	0	55,000	165000.00	0.00											
	Sub Total	6			0.00	0.00											
D	Replacement Printer																
11	Laserjet Printer HP 1020 plus	1	1	15,000	15000.00	15000.00											
E	New Printer																
12	Laserjet printer with scanner (Multi functional operation)	1	0	15,000	15000.00	0.00											
F	Network																
13	LAN Connection	11	7	10,600	116600.00	74200.00											
14	Wi-Fi Connection	1	0	1,90,000	190000.00	0.00											
G	Department Software																
15	CST Microwave Studio	1	1	2,70,000	270000.00	270000.00											
	TOTAL				4174650.00	10954400.00	0	0	0	7253200	3582200	0	0	0	0	0	0

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SSN INSTITUTIONS

CISCO Budget for financial year 2021-22

Department of Information Technology

Sr. No.	Item Description	Quantity Required	Unit Cost	Cisco	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	Replacement Desktop																	
1	Desktop Intel Core i7-7700 HQ Processor 8MB Cache, 2.90GHz, Intel Virtual Technology Enabled, 1TB 7200RPM HDD, 8GB RAM, 22" LED Monitor, DVD RW keyboard Mouse, LAN	2	55000	2	1,10,000	Replacement of 2 Nos Xeon Server Systems with 2GB RAM, 32Bit processor- purchased in the year 2003	0	0	0	1,10,000	0	0	0	0	0	0	0	0
	TOTAL				1,10,000		0	0	0	1,10,000	0	0	0	0	0	0	0	0

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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Department of Maths

Sr. No	Item Description	Quantity Required	CISCO	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	Replacement Laptop	1	1	55,000	55,000	Replacement				55,000								
B	Network																	
2	Network Point	0	0	12,000	0	To get internet connectivity in the desktop kept in the scholars room	0	0	0	35,000	0	0	0	0	0	0	0	0
TOTAL				55,000	55,000													

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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Department of SOM

Sr. No	Item Description	Quantity Required	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	New Desktop																
1	Desktop computers	1	55,000	55,000	For new faculty				55,000								
B	Replacement Desktop																
2	Desktop computers	6	55,000	3,30,000	Library-4 and Lab-2				3,30,000								
C	Replacement Laptop																
3	Laptop	2	55,000	1,10,000	Replacement of laptop bought in 2013- Faculty				1,10,000								
TOTAL			4,95,000.00	4,95,000.00		0	0	0	4,95,000	0	0	0	0	0	0	0	0

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SACE

SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
SASE & SACE

Sr. No.	Item Description	Quantity Required	Cisco	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A																		
1	Laptop	1	1	55,000	55,000.00													
TOTAL					55,000.00	55,000.00	0	0	0	55,000.00	0	0	0	0	0	0	0	0
Replacement for Professor Laptop																		

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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Department of Admin, HR and Placement

Sr. No.	Item Description	Quantity Required	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	Replacement Laptop																
1	Desktop	1	55,000	55,000	For HR Dept staff - Present system is very old and slow. This requires immediate replacement.				55,000								
B	Replacement Desktop																
2	Desktop	1	55,000	55,000	For Administration staff. Thangamant- Huge data pertation to scholarship, AU, AICTE is being stored. The system fails at times in spite of changing the mother board All UG / PG and LE certificates are stored in his computer.				55,000								
C	New Laptop/Desktop																
3	Laptop/Desktop for CDC Office	1	55,000	55,000	Placement New Staff												
D	New Printer and Scanner																
4	Scanner	1	5,000	5,000	For HR Dept staff and Gajandran												
5	Printer for CDC office	1	12,000	12,000	Placement New Staff												
E	Others																
6	Hard Disk (1 TB)	1	5,000	5,000	For Marketing department					5,000							
7	Pen Drive	1	1,500	1,500	For Marketing					1,500							
8	Wireless mouse	1	1,000	1,000	For Marketing					1,000							
		TOTAL		1,89,500		0	0	0	1,00,000	7,500	0	0	0	0	0	0	0

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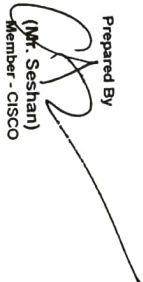
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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
HEAD OF FACILITIES

Sr. No.	Item Description	Quantity Required	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	Replacement Desktop																
1	Desktop	3	55,000	1,65,000	Replacement of new configuration desktop for old desktop (Ms. Kalavani, Mr. Sankaraj, Mr. Jagadeeswaran)				1,65,000								
B	Printer and Scanner																
2	Printer (Replacement)	3	12,000	36,000	HOF-Gopalan Asst. Executive-Facilities, Civil Engineer-Project Dept. Receptionist-Admin					12,000							
3	Scanner	1	5,000	5,000	For Jr. Executive-Facility, Receptionist-Admin	0	0	0	1,65,000	12,000	0	0	0	0	0	0	0
TOTAL				2,06,000	1,77,000												

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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
SPORTS

Sr. No.	Item Description	Quantity Required	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	Network																
1	Networking connection to sports complex	1	0	0	Survey needs to be done with the vendor for BOM and more accurate estimate												
2	New sports complex and cricket stadium	2	1,50,000	3,00,000	Need Formal Approval				3,00,000								
B	Replacement Desktop	2	55,000	1,10,000	Physical Training Instructors (Replacement)												
3	Desktop (repurposed good system)	2															
C	New Laptop																
4	Laptop	0	55,000	0	NSO and Online sports activities												
D	Replacement Printer	0															
5	Printer	1	12,000	12,000					12,000								
TOTAL				4,22,000	3,12,000	0	0	0	3,12,000	0	0	0	0	0	0	0	0

New SSN Center Academic Block and New Sport Complex SSN Chennai

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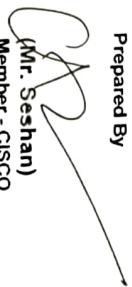
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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Library

Sr. No.	Item Description	Quantity Required	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	Replacement Server																
1	Server for GOHA Software for Library management System- 8Cores, 8GB RAM, 1TB HDD, Ubuntu-20.04	1	2,00,000	2,00,000	For higher transaction, OPAC search hits it's recommended to go for a good configuration server. As of now we are using desktop system.				2,00,000								
Total				2,00,000		0	0	0	2,00,000	0	0	0	0	0	0	0	0

ok - TO check

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Physics

SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Physics

Sr. No.	Item Description	Quantity Required	Unit Cost	Total Cost	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	Network																
1	LAN Point	2	7,000	14,000	Dr. P. Rajesh Research Lab (Old Server Room)				14,000								
TOTAL				14,000.00		0	0	0	14,000	0	0	0	0	0	0	0	0

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SSN INSTITUTIONS
CISCO Budget for financial year 2021-22
Trust Office

Sr. No.	Item Description	Quantity Required	Cisco	Unit Cost	Total Cost	Cisco Estimate	Remarks	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
A	Network (Replacement)																		
1	Desktop	7	0	55,000	3,85,000	0	President - 1, Purchase - 3, Admin 3												
	SSD	0	7	3,500	24,500	24,500					24,500								
	RAM	0	14	2,700	37,800	37,800					37,800								
	we will upgrade with SSD and RAM					0													
2	Printer (HP CP1025 Color)	1	1	25,000	25,000	25,000	President Cabin					25,000							
3	HP Laser jet 1020 plus	1	0	12,000	12,000	0	Purchase Dept												
					4,84,300	87,300					62,300	25,000							
								0	0	0	0	0	0	0	0	0	0	0	0
								0	0	0	0	0	0	0	0	0	0	0	0

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