Computing Facilities

- **Total Internet Bandwidth**   : 2200 Mbps.

- • Number and configuration of System for Students use:

INTEL CORE i7/16GB/500GB HDD PCs	INTEL CORE i5/16GB/500GB HDD PCs	INTEL CORE i3/8GB/500 GB HDD PCs	INTEL CORE 2 DUO/4GB/260 GB PCs	THIN CLIENTs	TOTAL
370	562	31	306	382	1651

- **Total number of system connected by LAN :**   All systems are connected to LAN

- **Total number of system connected by WAN :** All systems are connected to WAN

- **Major software packages available**

Sl.No	Product	Quantity
1	Microsoft Campus License - MAK	Unlimited
2	Matlab 2014B to 2021B - Academic License	Unlimited
3	Coreldraw License	5
4	Bentley Staad Pro	5
5	Aspentech	150
6	Comsol	1
7	Abaqus 2016 Teaching Licenses	20
8	Abaqus 2016 Research Licenses	1
9	Autocad professional, Inventor Professional, Revit Professional	3000
10	ANSYS Academic Teaching Introductory - CADCAM Lab	25
11	ANSYS Academic Teaching EM Package -EEE Dept	5
12	ANSYS Academic Multiphysics Campus Solution - Teaching	250
13	ANSYS Academic Multiphysics Campus Solution - Research	25
14	Vmware vSphere Essentials Plus-3 cpu	1
15	Academic VMware VMware vCenter Server 7 Foundation (4 Hosts)	1
16	Academic VMware VMware vSphere 7 Standard	1
17	Redhat Enterprise Linux Server	1
18	Redhat Enterprise Linux Server for HPC Head Node	1
19	Redhat Enterprise Linux Server for HPC Compute Node	4
20	STATA - ASB	Unlimited
21	ETABS - Ultimate V-19	5
22	Perform 3D V-8	1
23	LABVIEW	30
24	Prowess 4.15	Unlimited
25	Veeam Backup	6 Servers
26	Citrix XenDesktop/XenApp Enterprise Edition	200

27	Kaspersky Antivirus	2000
28	Synopsis - ECE Department	6
29	Cadence - ECE Department	10
30	Xilinix SDSOC - ECE Department	25
31	Oracle Primavera - Civil Dept	30
32	Xilinix Vivado System Editions - ECE Department	25
33	NetSim Academic Version - EEE Dept	10
34	NetSim Standard Version - EEE Dept	15
35	Areana	20 Nos
36	Hyperworks	1 Nos
37	MSC Adams & Nastran	150 Nos
38	SolidEdge	Unlimitted
39	Star CD	30 Nos
40	Edge CAM	5Nos
41	Automation Studio - Mechanical Department	15 Nos
42	Affinity Lic-Photo, Designer, Publisher Education Perpetual	49 Nos

Open Source Softwares

1	Centos 32 Bit and 64 Bit
2	Ubuntu 32 Bit and 64 Bit
3	Kali Linux
4	Linux Mint
5	ADOBE ACROBAT READER X
6	7Zip
7	ANDROID STUDIO
8	BLENDER
9	TURBO C++
10	CODE BLOCKS
11	DEV C++
12	ORACLE SQL DEVELOPER v4.0.2
13	JAVA 8
14	ECLIPSE
15	NETBEANS 8.1
16	RAPTOR 2014
17	SCRATCH 2.0
18	PYTHON 1.8
19	MOZILLA FIREFOX
20	GOOGLE CHROME
21	INTERNET EXPLORER 11
22	DOPDF PDF CONVERTER
23	VLC MEDIA PLAYER
24	NS2 NETWORK SIMULATOR
25	WIRESHARK
26	CPP COMPILER
27	G++ COMPILER
28	VIM EDITOR
29	VI EDITOR
30	APACHE TOMCAT SERVER

31	GLASSFISH SERVER
32	IVERILOG 10.11
33	MODELSIM
34	DIA TOOLS
35	FLOWGORITHM
36	R studio
37	MikTex
38	MP lab
39	SSH client
40	Putty
41	Pycharm
42	Cisco Packet Tracer
43	Visual Studio Code

- **Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops, etc.)**

  All seminar halls are equipped with video conferencing solution that enabled remote connectivity and online meetings and webinars

- **Facilities for conduct of classes/courses
   in online mode (Theory & Practical)**   **:** Yes, Available

"The University managed Learning Management System (LMS) is used to provide the course content and other assessment components like quizzes, assignments, etc,. End Semester exams are conducted through a remotely proctored platform. The platform captures the image/video and audio of the candidate who takes the exam. The exam data is stored in a secured manner. The questions are authored by the teachers handling the courses and uploaded to the exam platform before the examination. The student is authenticated using his/her government provided identifier (for Indians) or passport (for foreign students). The questions are of MCQs and subjective types. The answers are evaluated by the teachers at the University and the results are declared through Amrita University Management System (AUMS). "

Innovation Cell:

Institution's Innovation Council (IIC) has been constituted in 2018. The IIC has been organizing various mandatory events of Ministry of Education's Innovation Cell (MIC) as well as coordinating internal hackathons for Smart India Hackathon 2022 and ARIIA Innovation rankings for the institution. The IIC was rated 4 stars in for AY 2020-2021 and also chosen as a mentor IIC. There is also an active and vibrant hackathon culture with AMRITA students winning prestigious hackathons such as EU Urban Mobility, La Trobe Innovation challenge, IEEE Region 10 (Asia Pacific) humanitarian technology challenge, HackHarvard, TCS EngiNX, Smart India Hackathon, India International Science Festival, Scilab toolbox hackathon etc. Amrita Center for Entrepreneurship is another body that supports the activities of the IIC.

Social Media Cell:

Amrita Office of Communications (AOC) is a dedicated body that takes care of all marketing and promotion activities of the universities including the digital marketing. This includes Website and social media handles in Facebook, Linkedin, twitter and Instagram. There are social media handles at University, Campus and School levels.

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