

ANNUAL NEWSLETTER

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Volume:5



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January - December, 2022



SCHOOL OF INFORMATION TECHNOLOGY
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
Kukatpally, Hyderabad - 500 085, Telangana State, India

About the Institute:

JNTU Hyderabad established a Computer Center in 1985 with the support from UGC to cater to the needs of computing of various departments. In 1989, to promote Post Graduate studies, a Department of Computer Science was started under IPGSR (Institute of Post Graduate Studies & Research). In early 2001 the impact of Information Technology was felt in every corner of the globe. This led to the formulation of an exclusive institute for Computer Science and Information Technology, the present School of Information Technology (SIT), with a vision to promote Knowledge and Technology transfer in Information and communication technology related areas promoting excellence in IT Pedagogy, Software Consultancy, and establishment of an R & D base in Computer Science and IT related education sectors are the aims of the school.

Vision and Mission of SIT:

Vision

- To emerge as institute of excellence for IT pedagogy
- To make School of IT internationally renowned R & D institute
- To excel in software consultancy

Mission of the Promoting Body

- To offer PG Programs in Computer Science and IT related areas, keeping in tune with the latest developments and industry requirements.
- To offer advanced level training programs and to promote industry based internships, leading to the development of skilled technical manpower in Software Engineering.
- To provide guidance and supervision in identified IT domains and to enhance the R & D potential of students and scholars.

1. Programs Offered for the A.Y.2021-22:

S.No.	Programs offered	Program Code	Seats Approved by AICTE	Seats Approved by University/TSPGCET/TSICE T	Seats Filled
1	M.Tech. Computer Science	D05A	18	18 + 6 (Sponsored)=24	16
2	M.Tech. Software Engineering	D25	18	18 + 6 (Sponsored)=24	16
3	M.Tech . Computer Networks and Information Security	D64	18	18 + 6 (Sponsored)=24	16
4	M.Tech. Data Sciences	DB0	18	18 + 6 (Sponsored)=24	17
5	MCA	F00A	30	32	31

2. Status of Seats allotted & filled for the A.Y.2021-22 category-wise:



S.No.	Programs offered	Program Code	Seats Approved by University	Seats allotted Category-wise (SC,ST & BC)	Seats Filled Category-wise
1	M.Tech. Computer Science	D05	24	12	13
2	M.Tech. Software Engineering	D25	24	12	14
3	M.Tech . Computer Networks and Information Security	DB0	24	12	14
4	M.Tech. Data Sciences	D64	24	12	15
5	MCA	F00	30	15	18

3. Details of Teaching Staff:

S.No.	Name of the Faculty	Designation	Areas of Interest	Photo
1	Dr. A. Damodaram	Professor & Director (till 23-12-2022)	<ol style="list-style-type: none"> 1.Computer Network 2. Cyber Security 	
2	Dr. K. Santhi Sree	Professor	<ol style="list-style-type: none"> 1.Big Data 2. Machine Learning. 3.Analysis of Algorithms 4. Data Science 5.Information Retrieval System 	
3	Dr. G. Venkatarami Reddy	Professor, Deputy Director, Academic Audit Cell	<ol style="list-style-type: none"> 1.Data base management system 2.computer Networks 3.Image processing 4. Machine Learning 5.Data mining 	
4	Sri T. Sreenivasulu Reddy	Associate Professor	<ol style="list-style-type: none"> 1.Python Programming 2.Network programming 3. Machine Learning. 4. Advanced Algorithms 5.Operating System 	

5	Sri G. Narasimham	Associate Professor	<ol style="list-style-type: none"> 1.Data Structures and Algorithms 2.Object Oriented Programming 3. Programming in C,C++,Java ,Python. 4. Network Programming 5.Operating System 	
6	Sri G. Praveen Babu	Associate Professor, TPO, Officer incharge Campus Wide Network	<ol style="list-style-type: none"> 1.Computer Networks 2.Design Analysis for Algorithms 3.Software Engineering 4.Artificial intelligence 5.Network Security 	
7	Dr. V. Uma Rani	Associate Professor	<ol style="list-style-type: none"> 1.Machine learning, 2.Data Mining 3.Network Security 4.Data base Management System 5.Computer Networks 	
8	Dr. M. Arathi	Associate Professor, Additional Controller of Exams	<ol style="list-style-type: none"> 1.Data mining 2.Big data & Analytics 3.Data Science 4.Operating System 5. Design Analysis for Algorithms 	

9	Dr. K. Suresh babu	Associate Professor, Incharge Exams, NSS Coordinator	<ol style="list-style-type: none"> 1. Computer Networks 2. Mobile Computing 3. Cyber Security 4. Information Security 5. Wireless Security 	
10	Sri N. Naveen Kumar	Associate Professor, Library Incharge	<ol style="list-style-type: none"> 1. Compiler Design 2. Design Analysis for Algorithms 3. Theory of Computations 4. Artificial intelligence 5. Computer Graphics 	
11	Dr. G. Sudhakar	Assistant Professor (Contract)	<ol style="list-style-type: none"> 1. Cloud computing 2. Deep Learning 3. Business Analytics 4. Software Engineering 5. Android Application Development 	
12	Sri K. Balakrishna Maruthiram	Assistant Professor (Contract)	<ol style="list-style-type: none"> 1. Software Engineering 2. Cloud Computing 3. Artificial Intelligence & Machine Learning, 4. Software testing and Quality Assurance. 5. Software process and project Management. 	
13	Sri K. Govinda Rao	Assistant Professor (Contract)	<ol style="list-style-type: none"> 1. Artificial Intelligence, 2. Natural Language Processing, 3. Machine Learning 4. Data Science 5. Cloud computing 	

14	Smt. Ch. Anitha	Assistant Professor (Contract)	1.Python Programming 2.Machine Learning 3.Data structure 4. Databases 5. Data mining.	
15	Smt. Y. Ambica	Assistant Professor (Contract)	1.Mathematics for Data science 2.Cloud Computing 3.Advanced Computer Networks 4.Data Science 5.Advanced Algorithms	

4. List of Students admitted during A.Y.2021-22:

M.Tech.(Computer Science)

S.No.	Roll No.	Student Name
1	21031D0501	NEYIGAPULA BHEEMA SHANKER
2	21031D0502	NUZHAT NAAZ
3	21031D0503	NALI SHIVA SHANKAR
4	21031D0504	BODDUNA PRIYANKA
5	21031D0505	GANDHARI MANASA
6	21031D0506	SUMIRAN SINGH
7	21031D0507	M KEERTHANA
8	21031D0508	DUMPALA SWAPNA
9	21031D0509	BANOTH KRISHNA MOHAN NAIK
10	21031D0510	GODAVARI S L S PRANITHA
11	21031D0511	MOHAMMAD ARSHAD AHMED
12	21031D0512	VADDAGANI MADHURI
13	21031D0513	ADKI NISHANTH
14	21031D0514	SAJJA LAKSHMI TANMAYI
15	21031D0515	FAREHA NOOR

M.Tech.(Software Engineering)

S.No.	Roll No.	Student Name
1	21031D2501	MOTRU SANDEEP MADHAV
2	21031D2502	KOTHAKOTA KARTHIK

3	21031D2503	ALAKUNTLA SAI MADHAV RAJ
4	21031D2504	SAMBARI CHAITANYA
5	21031D2505	HULIKAL JANARDHAN SAGAR CHAKRAVARTHY
6	21031D2506	PALAKURTHI SRAVAN KUMAR
7	21031D2507	YETCHU SAI TEJA
8	21031D2508	G SOWJANYA
9	21031D2510	CHINTA ANUSHA
10	21031D2511	AKSHAYA MORE
11	21031D2512	KOLAREYA KARTHIK
12	21031D2513	HABEEBULLAH MOHAMMED
13	21031D2514	KOSGI RISHIKESH
14	21031D2515	TAMMALI JHANSI RENUKA
15	21031D2516	KORRA JYOSHNA

M.Tech.(Computer Networks and Information Security)

S.No.	Roll No.	Student Name
1	21031D6401	CHAVAKULA HEMANTH
2	21031D6402	VADLAKONDA PRAVEEN
3	21031D6403	MEERYALKAR RAKESH
4	21031D6404	MADASU ASHWAN KUMAR
5	21031D6405	PAVUSHETTY SRINIDHI
6	21031D6406	UPPALA NIHAR
7	21031D6407	KOMMINENI MADHURI
8	21031D6408	ALAKUNTLA RAJASHEKAR
9	21031D6409	JUZHALARAO HANUMA NAGA HARSHINI PRANITHA
10	21031D6410	THUMMA HARI KEERTHI
11	21031D6411	BANDAR VAISHNAVI
12	21031D6412	SHAIK ASHA
13	21031D6413	BADAVATH VEERANNA
14	21031D6414	KOTHAPALLI NARESH
15	21031D6415	PALADUGU SHAILAJA
16	21031D6416	MADHARAPU VENKATESH

M.Tech.(Data Sciences)

S.No.	Roll No.	Student Name
1	21031DB001	K MAHIMANVITHA
2	21031DB003	MOHAMMED EJAZ
3	21031DB004	SYED MUZAKKIR HUSSAIN
4	21031DB005	SABBANI SHAILAJA

5	21031DB006	GANJI DEEPTHI
6	21031DB007	CHETKAR INDRA JOSHNA
7	21031DB008	MADASU MALLIKA
8	21031DB009	TEJASWINI DUBASI
9	21031DB010	MALLAMPALLI MANOJ KUMAR
10	21031DB011	KOLTUR YESHWANTH
11	21031DB012	K DURGA BHAVANI
12	21031DB013	MARASU NAGARAVYA
13	21031DB014	MARYAM UNNISA
14	21031DB015	PALAGOUNI ABHISHEK GOUD
15	21031DB016	DPOOJA
16	21031DB017	KAKI SHIVA KUMAR
17	21031DB001	K MAHIMANVITHA

MCA

S.No.	Roll No.	Student Name
1	21031F0001	AVUSALA CHANDANA
2	21031F0002	DADYREDDY DHEERAJ KUMAR REDDY
3	21031F0003	JESSY GOTTUMUKKALA
4	21031F0004	GANGAPURAM AKHILA
5	21031F0005	AAKASH NADUPALLI
6	21031F0006	MOMULA MARUTHI
7	21031F0007	RENUKUNTLA SHIVA RAMA KRISHNA
8	21031F0008	VEMURI VIDYA MADHURI
9	21031F0009	BOLLIPALLI AKANKSHA
10	21031F0010	CHINTHA CHANDANA
11	21031F0011	ADITYA CHOUDARY
12	21031F0012	KARNE RAMYA
13	21031F0013	MULLANGI MEGHANA
14	21031F0014	M HARSHITH
15	21031F0015	BATTIKADI SREEDIVYA
16	21031F0016	VEGESNA SATYA SRIDEVI ANUPAMA
17	21031F0017	CHIKATIMARLA AKHIL
18	21031F0018	DONTULA RAKESH
19	21031F0019	G SANGAMESHWAR
20	21031F0020	VISHWANATHAM SRILAXMI
21	21031F0021	MAMEDIPALLY SAHITYA
22	21031F0022	MOODA YADAGIRI
23	21031F0023	ALLURI BABY ANJANA
24	21031F0024	MACHA SAIKRISHNA
25	21031F0025	AROORI Y JHANSI
26	21031F0026	NIKHIL BHAMIDIPATI

27	21031F0027	MUDDALA AKHILA
8	21031F0029	JATAVATH SINDHU
29	21031F0030	RAHUL AGRAWAL
30	21031F0031	SAYED SHAH AGHA HAKIMI
31	21031F0032	SAYED EBRAHIM ROHANI

Program Coordinators:

S.No.	Name of the Program	Coordinator
1	M.Tech.(Computer Science)	Dr.K.Suresh Babu
2	M.Tech.(Software Engineering)	Sri.N.Naveen Kumar
3	M.Tech.(Computer Networks & Information Security)	Smt.V.Uma Rani
4	M.Tech. (Data Sciences)	Sri.G.Narasimham
5	Master of Computer Applications (MCA)	Sri.G.Praveen Babu

5. Details of Conferences/Seminars/Workshops/ Refresher Courses/ Orientation Courses/FDPs Attended by the Faculty:

1. G.Praveen Babu, Associate Professor of CSE attended a FDP on “Art of Algorithm Writing and Computer Programming for Beginners with Applications to Image Processing” organized by Dept. of CSE & Centre for Continuing Education, National Institute of Technology, Warangal during 24th-28th January 2022.
2. G.Praveen Babu, Associate Professor of CSE attended a FDP on “Optical Wireless Communication-An Enabling Technology for Next Generation Networks” organized by E & ICT Academy, National Institute of Technology, Warangal in association with Dept. of Electronics Engineering, Pondicherry University, Pondicherry during 24th-2nd February 2022

6. Faculty Achievements Journal Papers Published by the Faculty

1. B V Raghurami Reddy, Dr. K. Shanthi Sree, Car Price Prediction Using Machine Learning Algorithms International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321- 9653; IC Value: 45.98; SJ Impact Factor: 7.538, Volume 10 Issue VIII Aug 2022- . SJ Impact Factor 7.538 | ISRA Journal Impact Factor 7.894.
2. G.Praveen Babu et al., “Distance Based Average Fuel Consumption Model for Heavy Vehicles” published in International Journal of Analytical and Experimental Modal analysis (<http://www.ijaema.com>), page Nos. 837 - 842, Volume XIV, Issue II, February 2022 (ISSN No. 0886-9367), Impact Factor : 6.3
3. P. Kiran Kumar¹ , Dr. K. SanthiSree.,”ANALYSIS & DETECTION OF AUTISM SPECTRUMDISORDER USING MACHINE LEARNING, International Journal of Creative ResearchThoughts (IJCRT) www.ijcrt.org,2022 IJCRT | Volume 10, Issue 9 September 2022 |ISSN: 2320-2882.
4. NehaAnanthavaram and Dr. M. Arathi, “ Sentiment analysis in python using machine learning”, in The international journal of analytical and experimental modal analysis, volume XIV, issue XI, pp. 1992-1997, November 2022.
5. Akulakeerthana and Dr. M. Arathi, “Big data analytics for user activity analysis and user anomaly detection in mobile wireless network” in industrial Engineering Journal, Volume 15, issue 11, pp. 263-268, October 2022.

6. KavyaBakaram and Dr. M. Arathi, "Detection of Credit card fraud with random forest classification and regression using decision trees," in International journal of analytical and experimental modal analysis, volume XIV, issue I, pp. 194-200, January 2022.
7. Koppolu Naga Shivaji and Dr. M. Arathi, "Network intrusion detection using DCGAN : Semi supervised approach," in international journal for innovative engineering and management research, volume 11, issue 12, pp. 283, December 2022.
8. G.Praveen Babu et al., "Smart Card and Iris Recognition Based Secure and Effective Voting System" published in International Journal of Analytical and Experimental Modal analysis (<http://www.ijaema.com>), page Nos. 1275 - 1280, Volume XIV, Issue VII, July 2022 (ISSN No.0886-9367), Impact Factor : 6.3
9. G.Praveen Babu et al., "Detection of fake online reviews based on user Behavior's using semi-supervised and supervised learning" published in International Journal of Analytical and Experimental Modal analysis (<http://www.ijaema.com>), page Nos. 1293 - 1300, Volume XIV, Issue VII, July 2022 (ISSN No. 0886-9367), Impact Factor : 6.3
10. G.Praveen Babu et al., "Prediction of Hospital Admission Status of Emergency Patients Using Machine Learning" published in International Journal for Innovative Engineering and Management Research (<http://www.ijiemr.com>), page Nos. 198 - 207, Volume 11, Issue 12, December 2022 (ISSN No. 2456-5083), Impact Factor : 7.812
11. G.Praveen Babu et al., "Distribution of Files Securely in the Cloud Environment by Administering Asymmetric Key Management Through Hashing" published in International Journal for Innovative Engineering and Management Research (<http://www.ijiemr.com>), page Nos. 103 - 109, Volume 11, Issue 12, December 2022 (ISSN No. 2456-5083), Impact Factor : 7.812
12. G.Praveen Babu et al., "Blockchain Model To Track & Verify Certificates" published in International Journal for Innovative Engineering and Management Research (<http://www.ijiemr.com>), page Nos. 274 - 282, Volume 11, Issue 12, December 2022 (ISSN No. 2456-5083), Impact Factor : 7.812.
13. Kalmadishivani, N.Naveen Kumar "Modern web Application Development" IJCRT/Volume10, Issue 7/July 2022, pp.a332-a334. www.ijcrt.org (impact factor 7.97).

7. Awards and Prizes received by Faculty members:

- Dr .K.SanthiSree, Award for EXcellence in Research ,2022 ,New Delhi

8. New Appointments and Promotions:

- Dr.K.SanthiSree, Professor is appointed as Head of the department, UCESTH for the newly formed Information Technology (formerly School of Information Technology)

9. Awards / Prizes received by Students:



Ms. M SUPRIYA of MCA (2019 admitted batch) received the GOLD MEDAL during the CONVOCATION-XII FOR THE A.Y.2021-22

S.No.	Endowment Gold Medal	H.T.NO.	NAME	CGPA	COLLEGE
1	Sudhir C Rao MDF gold for the overall topper in MCA at School of Information Technology (SIT),	19031F0018	MYADAM SUPRIYA	9.3760	03-JNTUH SIT, Hyderabad



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Kukatpally, Hyderabad - 500 085, Telangana State, India

XI Convocation - 2023



Gold Medal Certificate

This is to certify that *Ms. Myadam Supriya*

(Hall Ticket No. 19031F0018)

D/o. Ms. Myadam Srinivas

of

SCHOOL OF INFORMATION TECHNOLOGY, JNTUH

has been awarded

SUDIR C RAO MDF ENDOWMENT GOLD MEDAL

for having secured **FIRST RANK** in

M.C.A.

from

SCHOOL OF INFORMATION TECHNOLOGY, JNTUH

amongst all the graduates of the academic year 2021-22



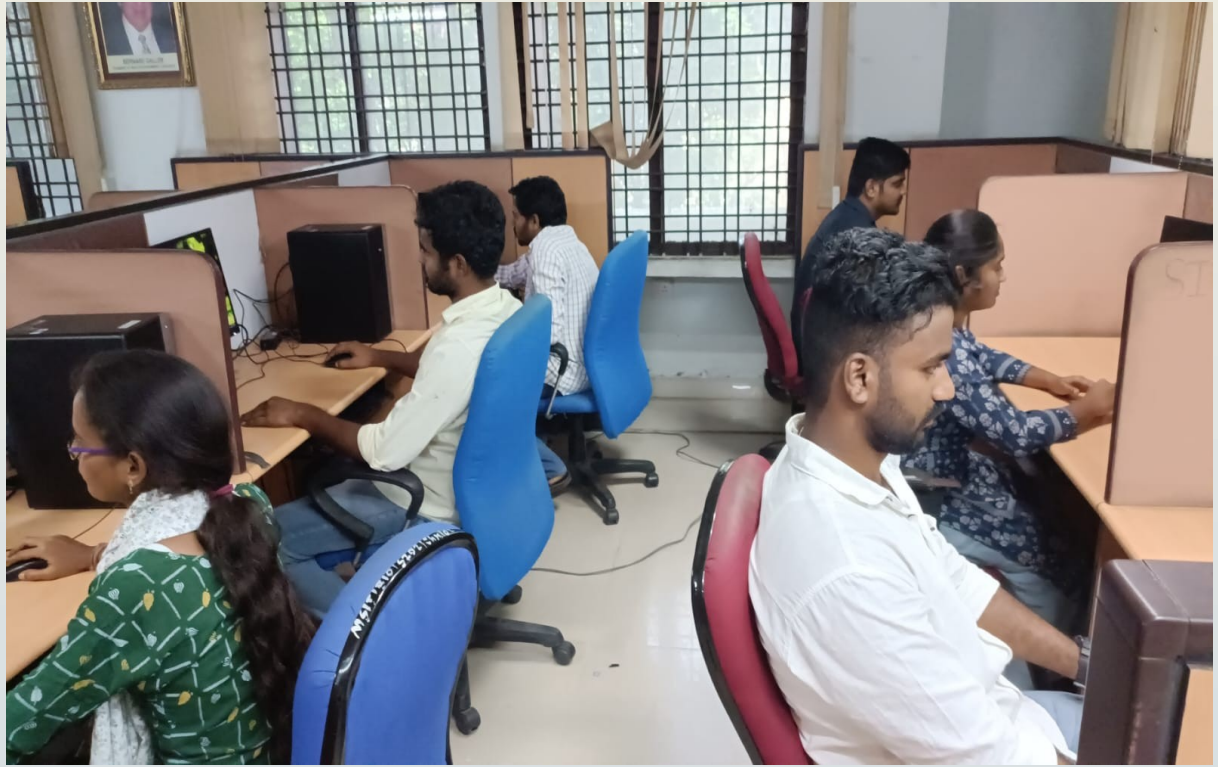
Place : Hyderabad
Date : 18-03-2023

REGISTRAR

10. LAB INFRASTRUCUTRE at SIT:

School of Information Technology is well equipped with the latest state of art lab equipment to cater to the needs of all the academic requirements to the students, The following photos are an evidence of the same.

M,Tech.(CS) Lab:



M,Tech.(SE) Lab:



M,Tech.(CNIS) Lab:









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11, Students' Achievements Research Papers Published

1. Mrs.G. Shireesha, Dr.K.Santhi Sree published paper named "Ethereum based electronic voting system" in *Journal of Emerging technologies and Innovative Research* (ISSN: 2349-5162 Impact factor: 7.97) in June 2021.
2. Mrs.Thappeta Kavya, Dr K.Santhi Sree published paper named "Smart Healthprediction Using Data Mining" in *Journal of Emerging technologies and Innovative Research* (ISSN: 2349-5162 Impact factor: 7.97) in June 2021.
3. Mrs.V. Lavanya, Dr .K.Santhi Sree published paper named "Factors Influencing Students Dropout: A Machine Learning Based Study" in *International Journal of Creative Research Thoughts - IJCRT* (ISSN: 2320-2882 Impact factor: 7.97) in June 2021.
4. Mrs.Hassane Djamous Hamid M tech 2019-2021 published paper named "Factors Influencing Students Dropout: A Machine Learning Based Study" in *International Journal of Creative Research Thoughts - IJCRT* (ISSN: 2320-2882 Impact factor: 7.97) in

12.NSS Activities

1. Clean and Green in College Campus from 30th January to 06th February 2021 was organized by SIT. Dr.K.Suresh Babu was in charge for this programme and approximately 60 students participated

13,Training and Placement details:

Below are the logos of the companies which visited the campus during the A.Y.2021-22

SL. No.	Branch	Number of PG Students Placed
1.	M.Tech.(Computer Science)	04
2.	M.Tech.(Software Engineering)	01
3.	M.Tech.(Computer Networks & Information Security)	04
4.	M.Tech.(Data Sciences)	12
5.	MCA	13 (2019 batch) + 09 (2020 batch) = 22

SL. No.	Name of Organizations offered Placements	No. of Students Placed	Salary Offered
1.	Medisys	03	4 LPA
2.	Jocata	11	7.5 LPA
3.	TCS	15	3.53 LPA

Some of the logos of the reputed companies visited the campus are given below:





FLEXTRONICS



HCL



ORACLE





14

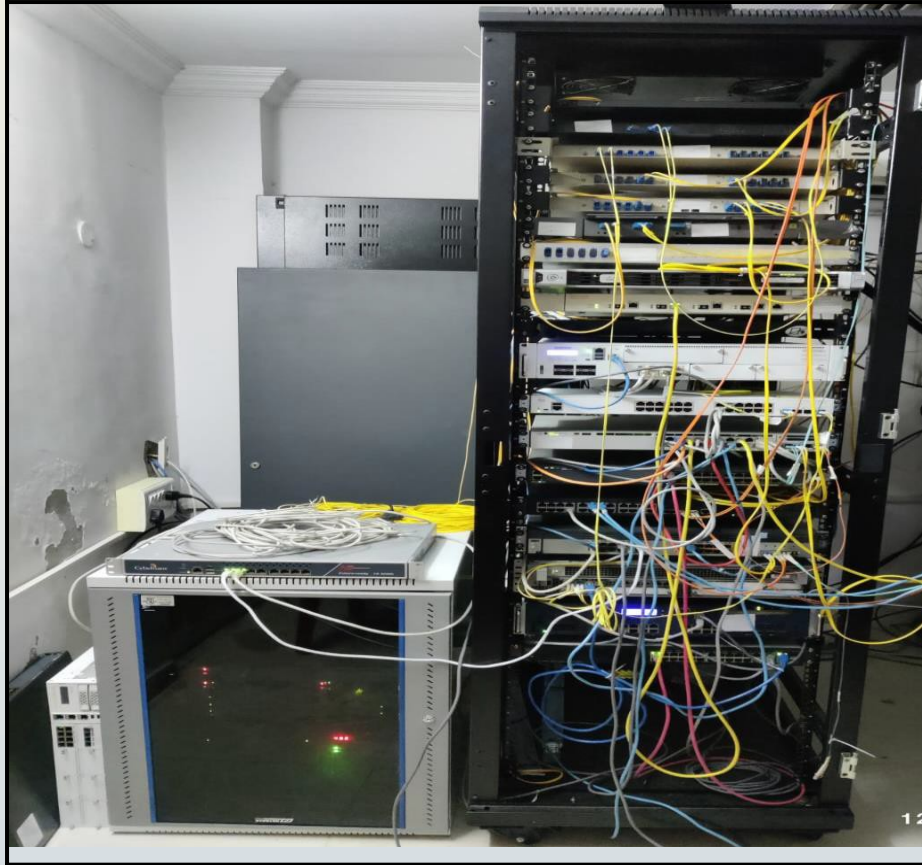
..Contribution of the School of Information Technology towards the University:

Campus Networking & Wi-Fi Connectivity

- First State Government University providing Wi-Fi facility for entire campus (Outdoor & Indoor APs).
- **Point of Pride** is Campus Networking both wired and wireless and Internet Facility are taken by School of Information Technology
- University campus wide **wired network** was installed in **2003**.
- Campus wide **network for wireless access** was installed
 - In **2011** with Aruba Equipment – 3600 controller + 360 Aps
 - In **2016** with Cisco Equipment – 2405 controller + 100 Aps
- Maintain the Campus Network Backbone Connectivity and **Internet Connectivity on 24x7 Basis** for more than 9000 user devices.
- Facilitate and maintain **email ids** in **university domain @jntuh.ac.in** to over 1500 users.

INTERNET SERVICE PROVIDER (ISP)

- Railtel MBPS internet (1:1) Wired 200 Mbps.
- NKN (National Knowledge Network – National Informatics Center) 1.0 Gbps.



NETWORK INFRASTRUCTURE HOSTING ROOM (Room No.120, First Floor, SIT)





WEBSERVER, AUTHENTICATION SERVER and OTHER SERVERS HOSTED IN SERVER ROOM (Room No.G04, Ground Floor, SIT)

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