ANNUAL NEWSLETTER

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	Seats Approved by University/TSPGCET/TSI CET	Seats Filled

			AICTE		
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	Director & Professor	1.Computer Network 2. Cyber Security	
2	Dr. K. Santhi Sree	Professor	1.Big Data 2. Machine Learning. 3.Analysis of Algorithms 4. Data Science 5.Information Retrieval System	

3	Dr. G. Venkatarami Reddy	Professor	1.Data base management system 2.computer Networks 3.Image processing 4. Machine Learning 5.Data mining	
4	Sri T. Sreenivasulu Reddy	Associate Professor	1.Python Programming 2.Network programming 3. Machine Learning. 4. Advanced Algorithms 5.Operating System	
5	Sri G. Narasimham	Associate Professor	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	1.Computer Networks 2.Design Analysis for Algorithms 3.Software Engineering 4.Artificial intelligence 5.Network Security	
7	Dr. V. Uma Rani	Associate Professor	1.Machine learning, 2.Data Mining 3.Network Security 4.Data base Management System 5.Computer Networks	

8	Dr. M. Arathi	Associate Professor	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	1. Computer Networks 2. Mobile Computing 3.Cyber Security 4.Information Security 5. Wireless Security	
10	Sri N. Naveen Kumar	Associate Professor	1.Compiler Design 2.Design Analysis for Algorithms 3.Theory of Computations 4.Artificial intelligence 5.Computer Graphics	

S.No.	Name	Designation	Areas of Interest	Photo
11	Dr. G. Sudhakar	Assistant Professor (Contract)	1.Cloud computing 2.Deep Learning 3.Business Analytics 4.Software Engineering 5.Android Application Development	
12	Sri K. Balakrishna Maruthiram	Assistant Professor (Contract)	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)	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	20031D0501	BARLA SHIVUDU
2	20031D0502	BATTU DIVYA SRI
3	20031D0503	BESINI MOUNIKA
4	20031D0504	KARRAVULA JYOTHI
5	20031D0505	KASHAWAR AKSHAY
6	20031D0506	KUDUMULA APSARA KANYA
7	20031D0507	KUSUMA REVANTH
8	20031D0508	MALLURI SANDEEP KUMAR
9	20031D0509	METTU SHREECHANDANA
10	20031D0510	MOHAMMAD HUSSAIN
11	20031D0511	NAKEERTHA RAJKUMAR
12	20031D0512	NARAYANADASU RADHIKA
13	20031D0513	NEELA TEJASVI
14	20031D0514	SYED ABDUL AZIZ
15	20031D0515	UDATA SUHA YAMINI
16	20031D0516	VANGA SREEJA
17	20031D0517	VOOTLA KALYANI
18	20031D0518	YENUGURTHULA MANICHANDANA

M.Tech.(Software Engineering)

S.No.	Roll No.	Student Name
1	20031D2501	AITHA DIVYA SREE
2	20031D2502	ARAVAPALLI V PUSHPAVATHI
3	20031D2503	JADAV ARUNKUMAR
4	20031D2504	KADARLA SREEJA
5	20031D2505	KALLAMADI SHIVANI
6	20031D2506	KANDULA MOUNIKA
7	20031D2507	MOHAMMED KHAJA SHAFIYUDDIN
8	20031D2508	MOHAMMAD RESHMA
9	20031D2509	NANDULA PARIMALA
10	20031D2510	P ARCHANA
11	20031D2511	PAKA SUSHMITHA
12	20031D2512	SHAIK FEROZ
13	20031D2513	SHINDE AARTHI
14	20031D2514	SHIVANI NANDAKISHORE
15	20031D2515	VANGA SUSHITH (Spl Round joined)
16	20031D2516	THALLAPALLY GLORY
17	20031D2517	VAISHNAV KOKA

M.Tech.(Computer Networks and Information Security)

S.No.	Roll No.	Student Name
1	20031D6402	BANOTH BHAV SINGH
2	20031D6403	CHERUPALLY VISHAL
3	20031D6405	G SURESH
4	20031D6407	GUNTI RAMU
5	20031D6408	KINNERA UMARANI
6	20031D6409	KOPPOLU NAGA SHIVAJI
7	20031D6411	MALIPATEL SHASHI KIRAN REDDY
8	20031D6412	MOHD ASAD UDDIN
9	20031D6413	MUSKU NEHA REDDY
10	20031D6414	RACHAKONDA SURESH
11	20031D6415	SUMAYANZUM
12	20031D6416	THALARI RAVINDRA
13	20031D6417	DHRUVA TEJA

M.Tech.(Data Sciences)

S.No.	Roll No.	Student Name
1	20031DB001	AKULA KEERTHANA
2	20031DB002	ANABATHULA SAI VIVEK
3	20031DB003	BAZEQUA FATIMA
4	20031DB004	BHUMIREDDY VENKATA RAGHURAMI REDDY
5	20031DB005	EERLA VISHWANATH
6	20031DB006	G BHAVANI
7	20031DB007	G VISHALAKSHI
8	20031DB008	GADDHA NEELIMA
9	20031DB009	GIJINEPALLE SAI SHANKAR
10	20031DB010	GURRAM GAYATRI
11	20031DB011	KASARLA YOGITHA
12	20031DB012	LINGAMPALLY VIGNAN RAJ
13	20031DB013	NEHA ANANTHAVARAM
14	20031DB014	NUKAM MALLESH
15	20031DB015	P.KIRAN KUMAR
16	20031DB016	RANGUOM PRAKASH
17	20031DB017	ADANEYA SHARATH CHANDRA
18	20031DB018	MOHD MAQSOOD ALI
19	20031DB019	GUDLA SATISH

MCA

S.No.	Roll No.	Student Name
1	20031F0001	AFSHAN MUSKAAN
2	20031F0002	ANUGULA HARISH
3	20031F0003	B. BHANU PRASAD
4	20031F0004	BHUVANAGIRI SANDHYA
5	20031F0005	CHIDURALA RUCHITHA

6	20031F0006	CHILUKURI RAMU
7	20031F0007	ENAGANDULA ADARSH
8	20031F0008	DASARI SAI BHARGAVANAYAN REDDY
9	20031F0009	DHARAVATH BHARATH NAIK
10	20031F0010	GOLI SRAVYA
11	20031F0011	JANAGAM SREE SAI
12	20031F0012	JUJJAVARAPU SANDEEP
13	20031F0013	KORRA PULYANAIK
14	20031F0014	MANGALI SARASWATHI
15	20031F0015	MOKKA VIJAY KUMAR
16	20031F0016	MUKKISA NIHARIKA
17	20031F0017	MUPPIDI SUPRAJA
18	20031F0018	PALVAI SAI BABA
20	20031F0019	PODILA VENKATA SRI SAI VANI KEERTHANA
20	20031F0020	POLASA PRASHANTH
21	20031F0021	RAGULA NAVYA
22	20031F0022	REDDYSHETTI MANISHA
23	20031F0023	SAINATH.Y
24	20031F0024	SALA AMRUTHA SAI
25	20031F0025	SHANAGARAPU SAI KIRAN
26	20031F0026	SIDDIBOINA PULLARAO
27	20031F0027	VAISHNAVI DUDDE
28	20031F0028	VANGA RAMAKRISHNA REDDY
29	20031F0029	VEMULA GEETHA

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)**	Smt.M.Arathi

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

1. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "Fundamentals of Data Visualization Secrets of Visual Analytics" on 02nd March 2021 organized by Tableau.
2. Dr.K.Santhi Sree, Professor attended a Two Day National Seminar on "Frontier Technologies for 21st Centuries Process Industries" from 06th-07th March 2021organized by IEI Durgapur Local Center.
3. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "What Makes Tableau Different" on 09th March 2021 organized by Tableau.
4. Dr.K.Santhi Sree, Professor attended a Two Day National Seminar on "Neural Network Implementations using Python" from 20th-21st March 2021organized by NITK.
5. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "NVIDIA Academic Partnership for Enabling AI/DL LAB " on 06th January 2021organized by ISR Hyderabad.
6. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "Building Stronger Health Systems for Delivering Universal Health Coverage: Lessons from a Pandemic" on 16th January 2021 organized by Orient Black Swan.
7. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "Data Analytics in R" on 06th March 2021organized by STATCRAFT.
8. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "Data Analytics in R" on 12th Febuary 2021organized by STATCRAFT.
9. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "Use of Geospatial Technology in Landslide Investigation" on 09th March 2021 organized by IEI.
10. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "Imulation of Machine Learning using Open-Source Tools" on 13th March 2021organized by IEI.
11. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "Energy Conservation: Opportunities & Challenges in Oil and Gas Industries" on 18th March 2021organized by IEI.
12. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "Technical Webinar on 'Engineering for Sustainable Growth" on 06th April 2021organized by IEI.
13. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "Knowledge Sharing" on 04th April 2021organized by IEI.
14. Dr.K.Santhi Sree, Professor attended a One Day National Seminar on "Design and Development of Homogeneous/Heterogeneous Catalysts for Sustainable Chemical Industry" on 17th April 2021organized by IEI.
15. Dr.K .Santhi Sree, Professor attended a One Day Webinar on "AICTE Quality Initiatives" on 24th June 2021.
16. Dr.K.Santhi Sree, Professor attended a One Day Webinar on "Oxygen SupplyChain for Uninterrupted Life Support: Role of Maritime Industry" on 23rdJune 2021Covid Times.
17. Mr.G.Praveen Babu, Assoc. Prof. of CSE, SIT attended Two Week online FDP on "ICT Tools for Teaching, Learning Process and Institute" jointly organized by Electronics and ICT Academies (NIT, Patna, MNIT Jaipur, PDPM IIITDM Jabalpur, IIT Guwahati, IIT Kanpur and IIT Roorkee) from 15th-26th March 2021.

6. Details of Webinars/Conferences/ Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Attended by the Faculty

1. Dr.K.Santhi Sree attended a One Day Webinar on "AICTE-Student Learning Assessment Project" on 01st September 2021.
2. Dr.K.Santhi Sree attended a One Day Webinar on "AICTE-Enriching Engineering Education through Experiential, Collaborative and Social Learning" on 23rd July 2021.
3. Dr.K.Santhi Sree attended a One Day Webinar on "AICTE - Qualitative Initiative Scheme" on 02nd July 2021.
4. Dr.K.Santhi Sree attended a One Day Webinar on "AICTE-Critical need for Academia Industry Interface, the Industry need through Entrepreneur's Worldview" on 05th August 2021.
5. Dr.K.Santhi Sree attended a One Day Webinar on "AICTE-Towards Academic Excellence in the 21st Century" on 30th September 2021.

7. Faculty Achievements Journal Papers Published by the Faculty

1. D.Thushara, Dr.K.Santhi Sree publish a paper on Digital Forensics: Implementation of Hyperledger Fabric Blockchain" in International Journal of All Research Education and Scientific Methods (IJARESM), Vol:9(10), Impact Factor: 7.429, ISSN:2455-6211 in October 2021.
2. Shirisha, Dr.K.Santhi Sree published a paper on "Comparative study and correlative analysis of machine learning and datamning algorithms for better accuracy" in Iterantional journal of scientific and engineering research, Volume: 12, Issue: 8 in August 2021.
3. V.Vineela, Dr.K.Santhi Sree published a paper on "Customer Alert Service Using Azure" in the Journal of Emerging Technologies and Innovative Research, Volume:8, Issue: 8 in August 2021.
4. M.Shashi Kumar, N.Naveen Kumar published a paper on "A Machine Learning Approach for Driver Drowsiness Detection based on facial expressions" IJAEMA-Volume: 13, Issue: 09, Pages: 1940-1944 in September 2021. www.IJAEMA.com impact factor 6.3, ISSN 0886-9367

8. Students' Achievements Research Papers Published

1. Mrs.G. Shireesha, Dr.K.Santhi Sree published paper named "Ethereum based electronic voting sy *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 *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 Drop *Journal of Creative Research Thoughts - IJCRT* (ISSN: 2320-2882 Impact factor: 7.97) in June 20
4. Mrs.Hassane Djamous Hamid M tech 2019-2021 published paper named "Factors Influencing *International Journal of Creative Research Thoughts - IJCRT* (ISSN: 2320-2882 Impact factor: 7.9

6. Awards / Prizes received by Students:

Mr.KUNDARAPU MEENA received the GOLD MEDAL in ABSENTIO during the CONVOCATION-XI for the A.Y.2020-21.

| Academic year 2020-21				
S. No	H.T.NO	NAME	CGPA	Address For Communication
1	18031F0020	KUNDHARAPU MEENA	9.3600	Ms. Kundharapu Meena D/o Kundharapu Rajam H.No: 4-22, Posanipet, Kathalapur, Jagitial – 505462, Telangana. Cell No: 8897971107 Mail Id: kundharapumeena1106@gmail.com

6. Examination statistics:

S.No.	Program Name	Program Code	Number of Students appeared in final year examination	Number of Students passed in final year examination	Percentge of Students passed in final year examination
1	M.Tech. Computer Science	D05A	08	08	100
2	M.Tech. Software Engineering	D25	08	08	100

3	M.Tech . Computer Networks and Information Security	D64	04	04	100
4	M.Tech. Data Sciences	DB0	12	12	100
4	MCA	F00A	15	15	100

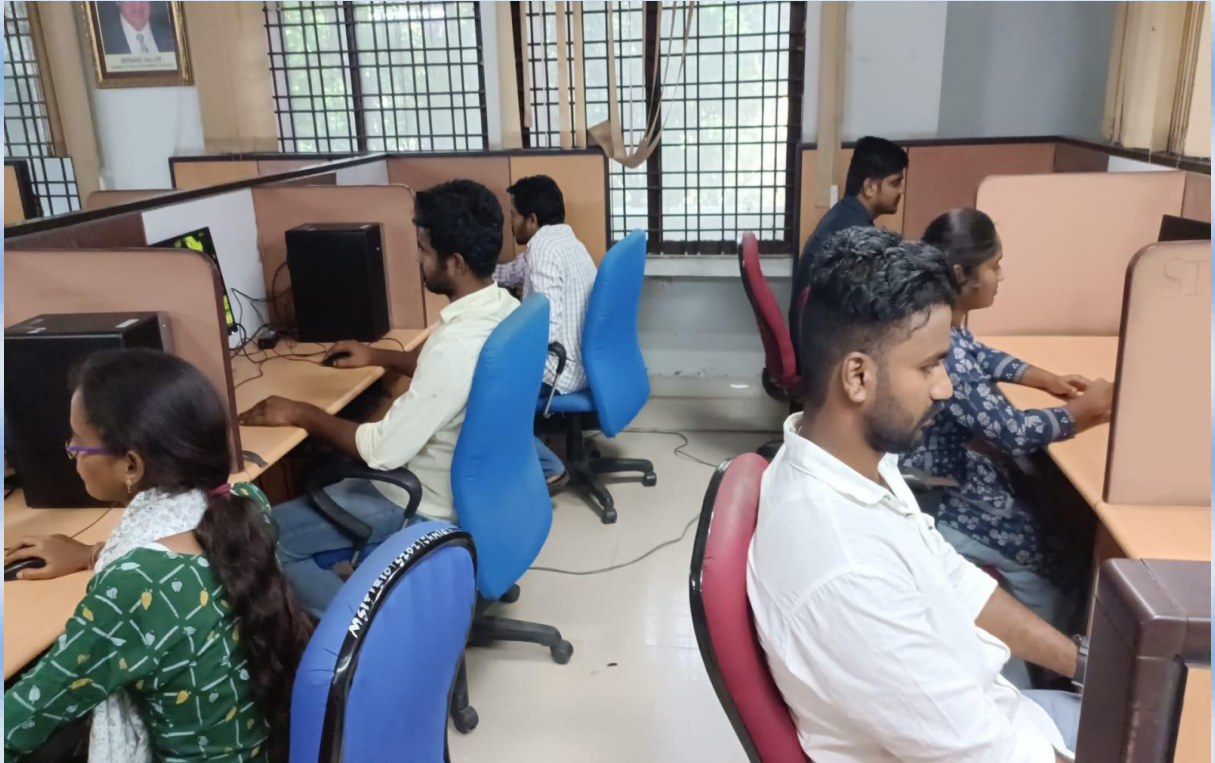## EXAM INATION (APPEARED vs PASSED)
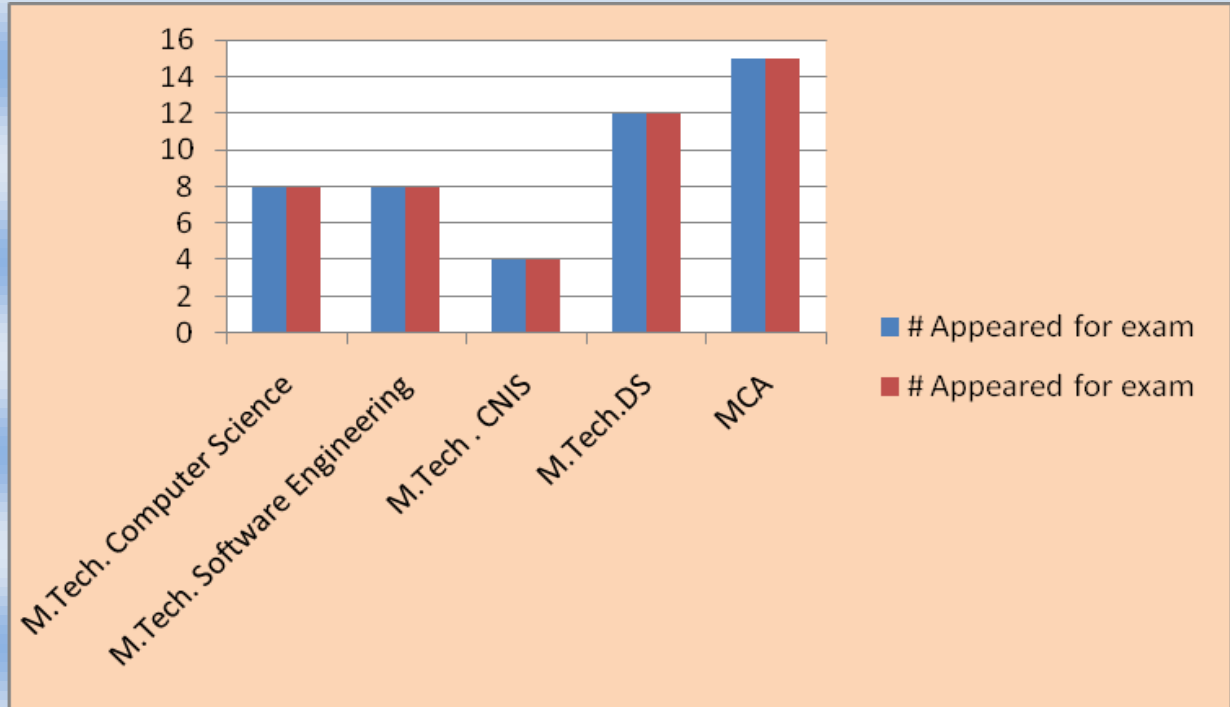
PASS PERCENTAGE
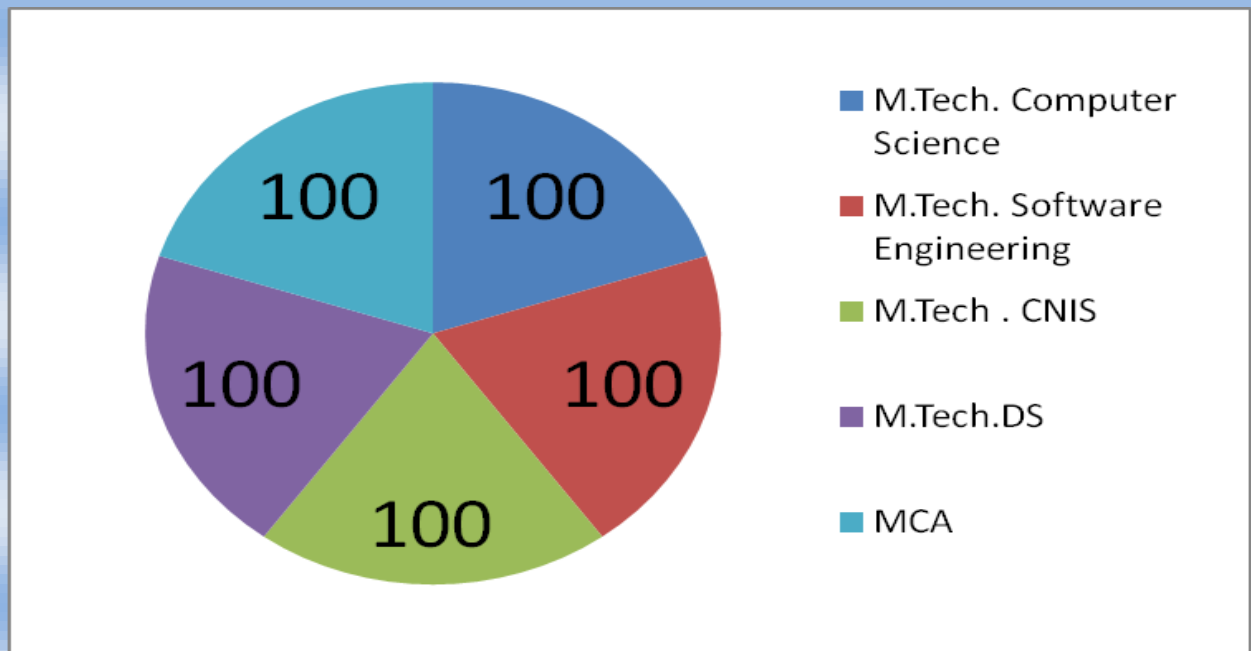
6. LAB INFRASTRUCUTRE at SIT:

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:

MTECH (DS) LAB

MCA II year and I Year Labs

:

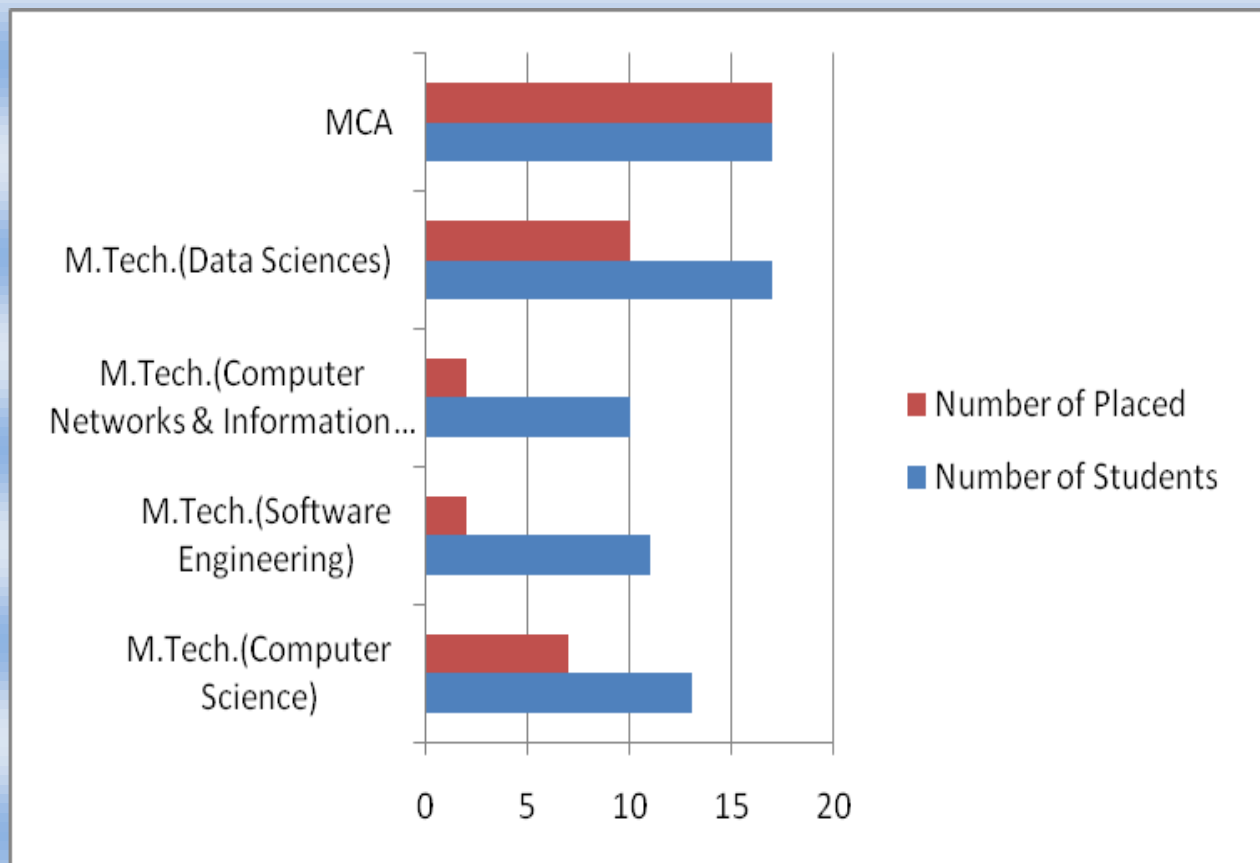**M,Tech.(Data Sciences) Lab: Newly introduced from the A.Y.2019-29:**

9. NSS Activities

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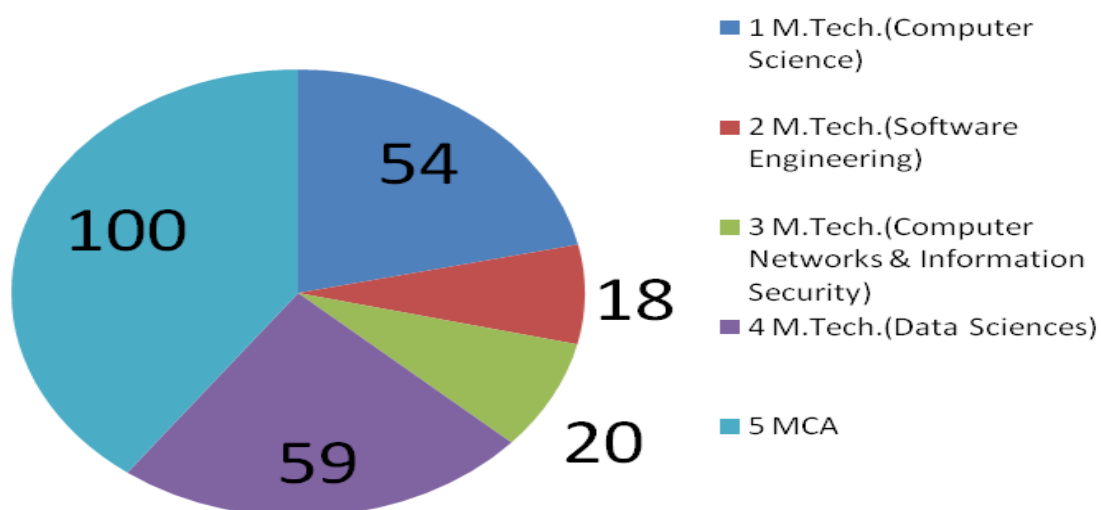
10. Training and Placement details:

S.No.	Program	A.Y. 2020-21		
		Number of Students	Number of Placed	% Placed
1.	M.Tech.(Computer Science)	13	7	54
2.	M.Tech.(Software Engineering)	11	2	18
3.	M.Tech.(Computer Networks & Information Security)	10	2	20
4.	M.Tech.(Data Sciences)	17	10	59
5.	MCA	17	17	100

NUMBER OF STUDNETS vs NUMBER OF STUDENTS PLACED

PERCENTAGE OF STUDENTS PLACED

Percentage of Students Placed during A.Y.2020-21

- 1 M.Tech.(Computer Science)
- 2 M.Tech.(Software Engineering)
- 3 M.Tech.(Computer Networks & Information Security)
- 4 M.Tech.(Data Sciences)
- 5 MCA

6. **Examination statistics:**

S.No.	Program Name	Program Code	Number of Students appeared in final year examination	Number of Students passed in final year examination	Percentge of Students passed in final year examination
1	M.Tech. Computer Science	D05A	12	12	100
2	M.Tech. Software Engineering	D25	15	15	100
3	M.Tech . Computer Networks and Information Security	D64	11	11	100
4	MCA	F00A	23	23	100

EXAM INATION (APPEARED vs PASSED)
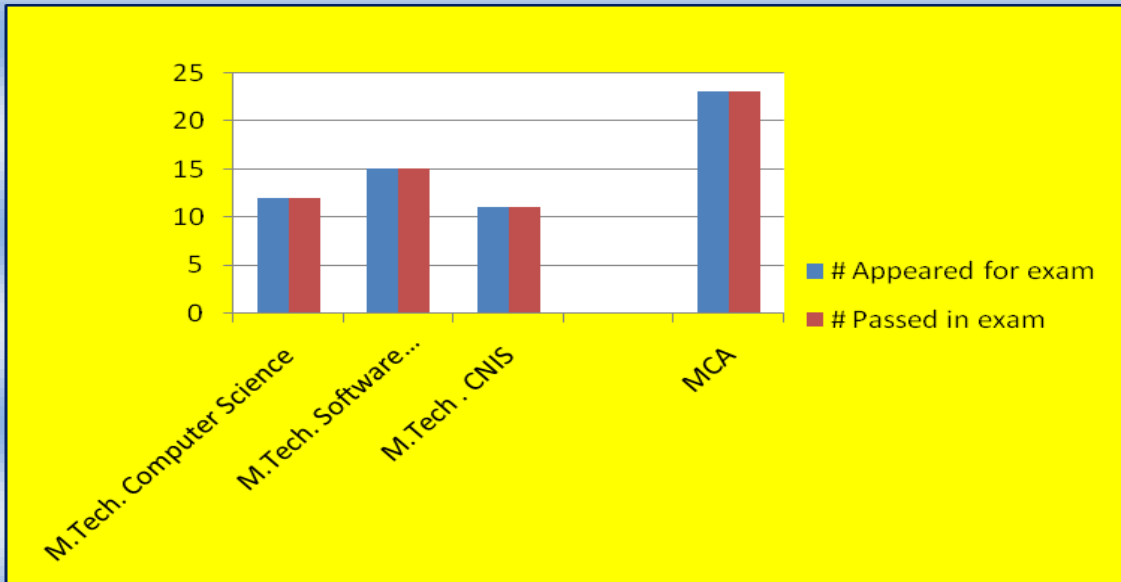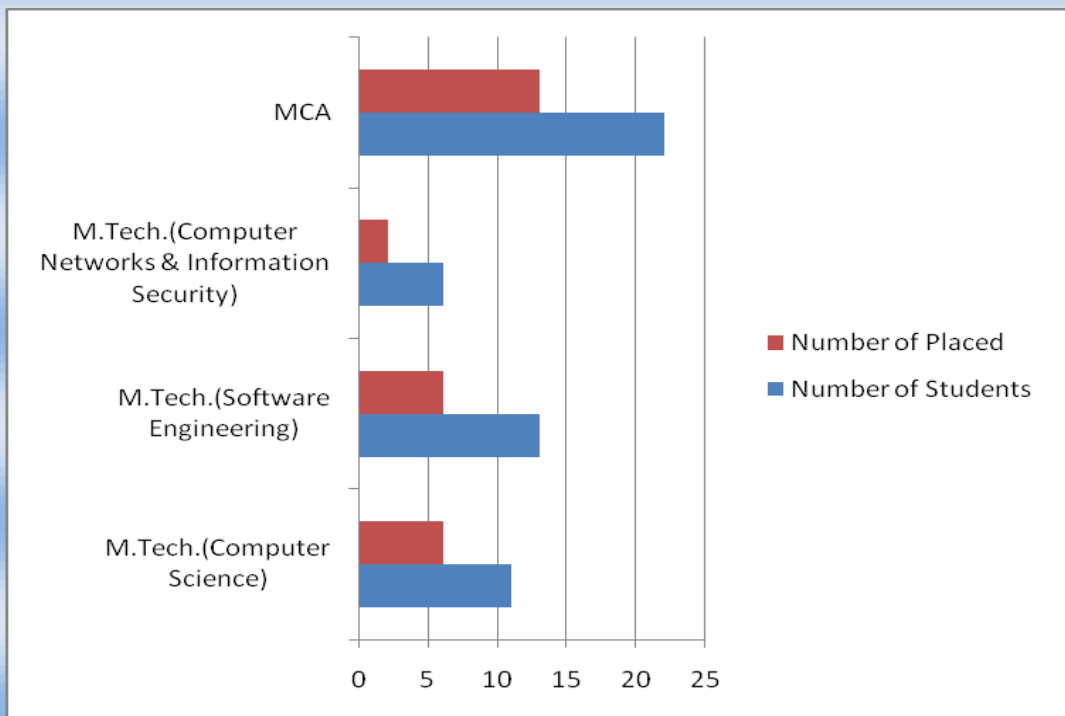

PASS PERCENTAGE
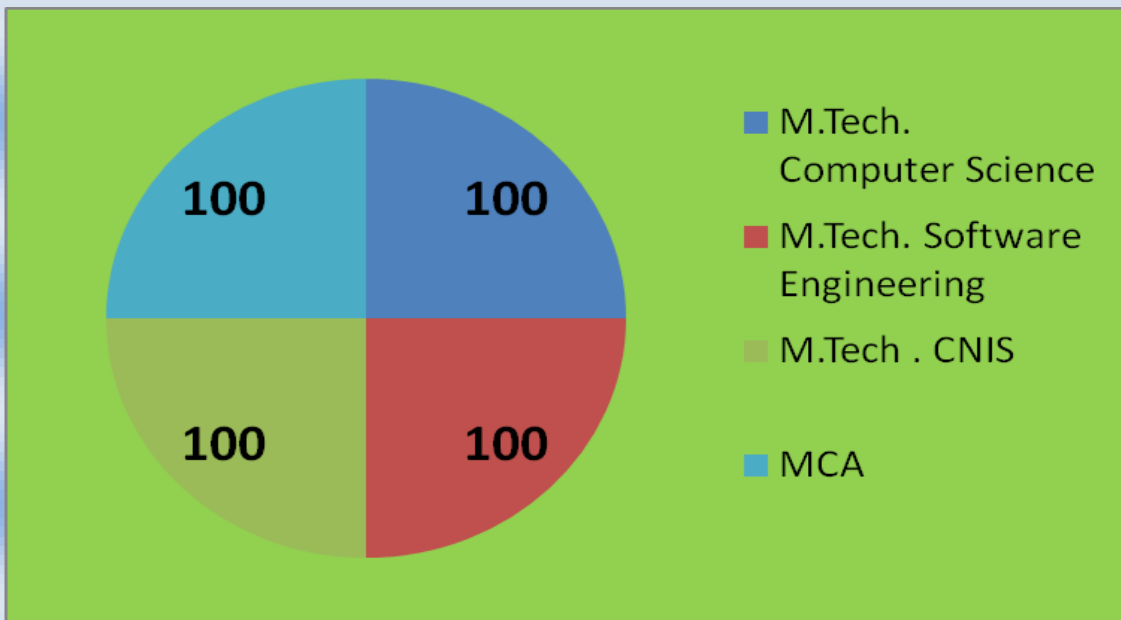
7. Training and Placement details:

Below are the logos of the companies which visited the campus during the A.Y.2017-18:

S.No.	Program	A.Y. 2019-20		
		Number of Students	Number of Placed	% Placed
1.	M.Tech.(Computer Science)	11	6	55
2.	M.Tech.(Software Engineering)	13	6	46
3.	M.Tech.(Computer Networks & Information Security)	6	2	33
4.	MCA	22	13	59

Percentage of Students Placed during A.Y.2018-19
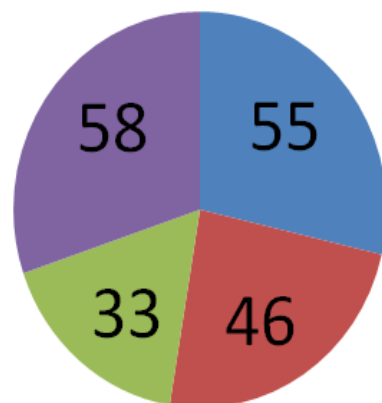
Legend:
- 1 M.Tech.(Computer Science)
- 2 M.Tech.(Software Engineering)
- 3 M.Tech.(Computer Networks & Information Security)
- 4 MCA

Values shown: 55, 46, 33, 58

11..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.
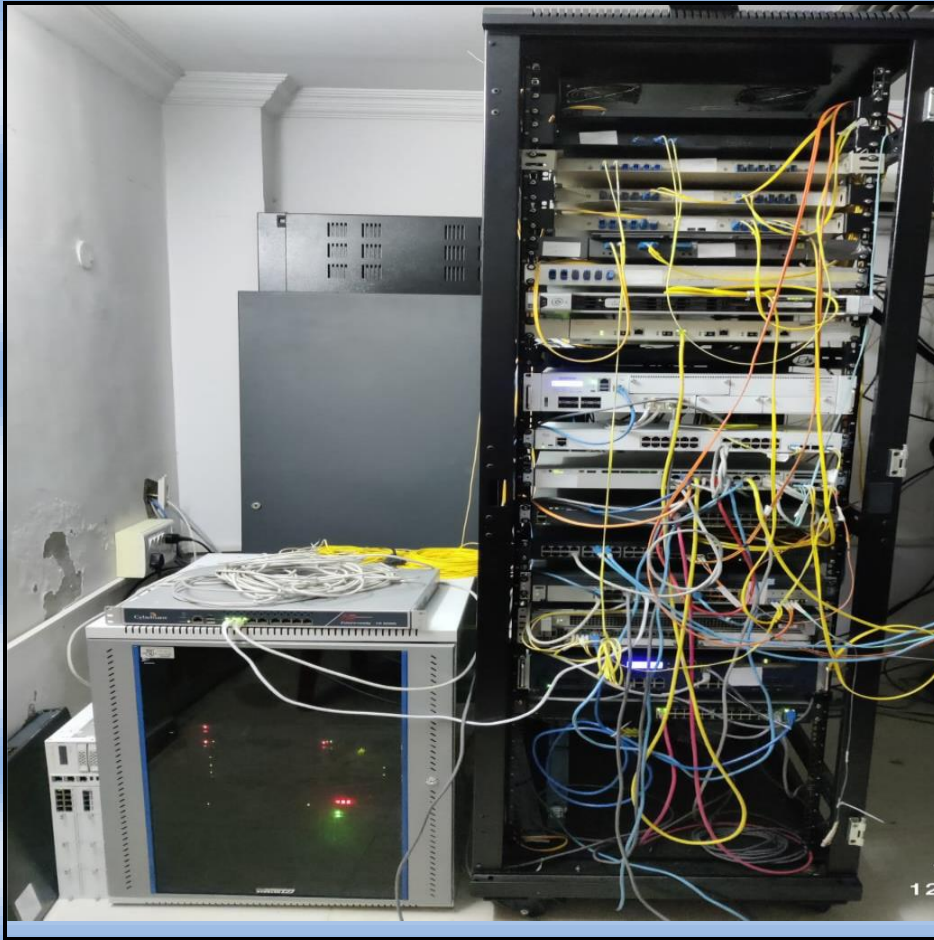
NETWORK INFRASTRUCTURE HOSTING ROOM (Room No.120, First Floor, SIT)

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

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