CENTRE FOR SPATIAL INFORMATION TECHNOLOGY

Department Vision	To emerge as a centre of excellence in Geospatial Technology and allied fields to cater to the larger interest of the society and nation at large.
Department Mission	To strive for achieving and sustaining professionalism in Geospatial Technology in collaboration with Industry and academia.
	To nurture the spirit of innovation and creativity.
	To harness and promote Geospatial Technology for national development
Program Educational Objectives	PEO1: To prepare students to develop a strong background in geo-informatics, remote sensing and navigational surveying and in software development/IT, IT related areas/IoT.
	PEO2: To train the students in developing practical solutions to the problems of the society using the cutting- edge technology.
	PEO3: To develop professional competence in students through life-long learning and professional experience.
	PEO4: To maintain state-of the art R&D facilities for constant improvement in the quality of education research and development.
	PEO5: To train the students in coding related activities of Geospatial Technology.

Head **C Sarala**

The centre for Spatial Information Technology has been in the fore front of GIS education and training in Jawaharlal Nehru technological university from year 1992. The center is offering two full time PG courses. The first M.Tech program in Remote Sensing started in 1992 has become very popular in the industry with the students placed at various government and software organizations. Thus the course name changed into M.Tech, in Spatial Information Technology (SIT) from the academic year 2000 and New course M. Tech Geo Informatics & Surveying Technology (GIST) introduced from the academic year 2002 by incorporating advanced topics in the course structure. The center has completed its 23 years of dedicated and excellent services in the field of Remote Sensing, Geographic Information System (GIS), Photogrammetry and Global positioning system (GPS). The center is well known for its technical excellence and modern infrastructure facilities such as latest version software's and highly sophisticated instruments, consistent record of performance in the university examination with excellent ranking and expertise students.

Programmes Offered:

- M.Tech: Spatial Information Technology (SIT)

S. No.	Program Name	2018-19		
		M	F	T
1	SIT	11	06	**17**

New Equipment/Software Installed:

S. No.	Name of the Dept./Centre	Place in which Equipment was Installed	Details of the Equipment	Cost of the Equipment (In Rupees) & date
1.	CSIT	CSIT (GNSS LAB)	Differential Global positioning system (DGPS)	Rs. 12,45,763/ (Twelve Lakhs Forty Five Thousand Seven Hundred Sixty Three only) **22/052018**
2.	CSIT, IST, JNTUH	CSIT(DIP LAB)	Leica Digital Photogrammetry Suite –Hardware	Rs. 8,82,000/- (Eight Lakhs Eighty Two Thousand only) **17/05/2018**
3	CSIT, IST, JNTUH	CSIT(DIP LAB)	Up gradation of ERDS Software	Rs. 7,87,500/- (Seven Lakhs Eighty Seven Thousand Five Hundred only) **02/05/2018**
4	CSIT, IST, JNTUH	CSIT, (GNSS LAB)	Dot net	Rs. 3,60,675/- (Three Lakhs Sixty Thousand Six Hundred Seventy Five only) **25/05/2018**
5	CSIT, IST, JNTUH	CSIT(DIP LAB)	Photogrammetry Suite –Hardware (2 no's)	Rs. 17,64,000/- (Seventeen Lakh Sixty Four Thousand only) **04/01/2019**
6	CSIT, IST, JNTUH	CSIT	Handheld GPS Receivers	Rs. 1,73,250/- (One lakh Seventy Three Thousand Two Hundred and Fifty only) **19/01/2019**

Details of Conferences/Seminars/Workshops/ Refresher Courses/Orientation Courses/FDPs Organized by the Faculty:

S. No.	Name of the Dept./Centre	Name of the Conducting Faculty	Nature of the Event	Title of the Event	Venue	Date(s)on which Event Conducted
1	CSIT	Dr.C.Sarala	Training programme	Intermediate GIS concepts	CSIT	14-03-19 to 16-03-19
2	CSIT	Dr.C.Sarala	Training programme	Global Navigation Satellite System	CSIT	August 01st to 03,2018
3	CSIT	Dr.C.Sarala	Training programme	QGIS	CSIT	August27,2018

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

S. No.	Name of the Dept./Centre	Name of the Attended Faculty	Nature of the Event (National Conference, Workshop etc)	Title of the Event	Venue	Date(s)on which Event Organized
1	CSIT	Sri.J.Venkatesh	National Conference	Water, Environment and Society (NCWES -18)	CWR,IST, JNTUH	05-07 June 2018
2	CSIT	Sri.J.Venkatesh	International Conference	Urban Water Management for Sustainable Development	CWR,IST, JNTUH	12-15 February 2019

Journal/ Conference Papers Reviewed by the Faculty:

Dr. R. S. Dwivedi ,academic advisor

George, Justin & Kumar, Suresh & R, arya. (2020). Soil organic carbon prediction using visible –near infrared reflectance spectroscopy employing artificial neural network modelling. Current science. 119. 10.18520/cs/v119/i2/374-377.

Details of Students Technical Symposiums organized by College/Dept./Centre

S. No.	Name of the Dept./Centre	Name of the Event	Date on which Event was Conducted
1	CSIT,IST,JNTUH	NRSC visit, Shadnagar	March 01,2019
2	CSIT,IST,JNTUH	Applications of Geospatial Technology	May 21- 25 2018

NRSC DATA CENTRE SHADNAGAR

Students' Achievements: Prizes/Awards for outstanding performance in Academic/Cultural Activities:

S. No.	Name of the Programme	Name of the Specialization	Studying Year (II/II, III/III etc.)	Name of the Student& Roll No.	Percentage of Marks Secured
1	M.Tech.	Spatial Information Technology	II	N.CHUMBITHA LEENA **16031D3214**	9.14

CSIT DEPT LIBRARY

    No of titles   : 40   No of volumes   : 60

    <u>University Library</u>
- No of titles   : 158
- No of volumes   : 2654
- No of e-journals   : 24
- Web Resources   :40

N. Chumbitha Leena
H.T No. 16031D3214
Gold Medalist

NSS/NCC Activities:

S. No.	Name of the Activity	Date of Conduct
1	Pre R.D camp-2018 Pune, Maharashtra	25 Nov to 04 December 2018

JNTUH - CSIT dept. Placements:

S. No.	Name of the Programme	Name of the Specialization	Name of the Student	Company in which Student got placed	CTC Offered by the Company (in Rs.)
1	M.Tech	Spatial Information Technology	R.S.S.Teja	Trimble Information Technologies, Taramani, Chennai	2,64,000/-
2	M.Tech	Spatial Information Technology	K. Kranthi Kiran	Karrthis Classmate Education, Hyderabad	7,20,000/-
3	M.Tech	Spatial Information Technology	Shivang Tandon	Genpact	3,60,000/-
4	M.Tech	Spatial Information Technology	P. Abhinaya Karthik	TSNPDCL	4,80,000/-
5	M.Tech	Geo Informatics and Surveying Technology	N.Bhujendar	AEEI&CAD T.S.GOVT	4,20,000
6	M.Tech	Geo Informatics and Surveying Technology	V. Krishna Sandeep	Geo Spatial Labs	2,40,000