CENTRE FOR SPATIAL INFORMATION TECHNOLOGY

Head & Assoc. Professor **J VENKATESH**

Center was originally started in the year 1992 with the name centre for Remote Sensing later renamed as Centre for Spatial Information Technology in 2000.

To forge strong alliances with National and International Organizations for Academic and R & D activities in thrust areas of Space Technology, remote sensing & GIS.

To build up strong consultancy infrastructure for R & D activities in GPS, GNSS and mapping.

To develop open source software for GIS applications to be used by non technical people

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.

Programmes Offered

- M.Tech: Spatial Information Technology (SIT)

S. No.	Program Name	2019-20		
		M	F	T
1	SIT	12	03	**15**

New Equipment/Software Installed:

Ground Truth Spectroradiometer - cost Rs.4,99,978.50 for academic& research purpose, R&D/consultancy Training conducted for Infosys employees.

Faculty Achievements: Awards: Ballu Harish Asst.Proff.(c) Young Researcher Award

Research Projects

1	Identifying Optimal Spectral Bands to Quantify Soil Properties	TEQIP-III	2019	2 Lacs
2	Exchange of Geo-Spatial data through Geo web	TEQIP-III	2019	2 Lacs

Prizes/Awards for outstanding performance in Academic/Cultural Activities :

S. No.	Name of the Programme	Name of the Specialization	Studying Year (I/II, III/IV etc.)	Name of the Student & Roll No.	Percentage of Marks Secured
1	M.Tech.	Spatial Information Technology	II	POTHIREDDY NEEHARIKA REDDI **17031D3207**	8.21

CSIT DEPT LIBRARY

No of titles   : 40   No of volumes   : 60

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

Pothireddy Neehariks Reddi
H.T. No. 17031D3207
GOLD MEDALIST

JNTUH - CSIT dept. Placements:

Year	Name of student placed and contact details	Program graduated from	Name of the employer	Pay package at appointment (Rs.)
2020	DURGA BHAVANI LELLA	M.Tech (SIT)	HEXAGON INDIA PVT LTD	6 Lakhs
2020	VAKITI NAGA KRISHNA TRIVIKRAM	M.Tech (SIT)	HEXAGON INDIA PVT LTD	6 Lakhs
2020	KARAMPURI SOUMYA	M.Tech (SIT)	UDC SOLUTIONS	5 Lakhs
2020	POLEPALLY PRASAD	M.Tech (SIT)	UDC SOLUTIONS	5 Lakhs
2020	SHAIK SALMAN AAKHIL	M.Tech (SIT)	UDC SOLUTIONS	5 Lakhs

Innovations of the Centre
- Research & Development
- Liasoning with national and international institutions (NRSC,INCOIS,ADRIN,NIRD, and ICRISAT) with an objective to provide an opportunity to our students to work on live projects of interest.
- Taking up projects in frontier areas of research (e.g. Design and development of attitude control system for microsatellite: R&D project)

Best Practices of the Centre
- Providing opportunities to students for exposure in emerging fields in geospatial technology domain.
- Motivating the students to participate in On-line Training Certification Programmes organized by various Institutions including Indian Institute of Remote Sensing (IIRS Outreach Programmes like Edusat-18,-19,-20 and -21) & Environmental System Research Institute (ESRI MOOC Programmes)

GIS Laboratory & Software Development Laboratory

DIP Laboratory

GNSS Laboratory

GNSS survey lab With DGPS & Hand held GPS instruments