

FACULTY-PROFILE



Name : J. Venkatesh

Date of Birth : 24-04-1968

Highest Qualifications : M. Tech(IITB), Phd (Pursuing)

Academic Performance : Excellent

(High School to Highest Qual.)

Date of Joining : 01-08-2003

Present Status : Assoc. Professor

Previous experience : Worked as Scientist in NRSC for 3 years

Delivered lectures in various Engg. Colleges, Survey of India, ESCI, Hyd.

Member in APSAC, Survey of India MOU, ISRO DPC's expert member. TRAC

Achievements since date of joining:

FD	R&D	No. of Publication	Teaching Award	Books/Monograph	Conf./ Seminars	Extra and co curricular activities	Admin.
-	2	9	-	-	3	Swachh Bharat, NSS, Plantations	1. Head of CSIT since 2006 to Aug 2013

							and again from Feb 2015 to till date 2. OIE for MCA in 2005
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Ongoing R&D projects

1. Design, Fabrication and Testing of Micro Satellite funded from TEQIP-II
Duration 31-12-2015 Sanction Amount 3,40,000/- **(Completed) May 2017**
2. Hyperspectral characterization of soils funded from ISRO
3. Automated change detection in watershed funded from ISRO

Additional charges

1. Head CSIT, from Feb 2006 to 213
2. IST,PTPG Coordinator
3. IST,PTPG Coordinator from 01-06-2013 to 08-09-2015
4. JNTUH, Godavari & Krishna Hostel Manager from 08-09-2015 to 02-03-2017
5. IST, TEQIP, Procurement Officer from 01-8-2015 to till date
6. Head, CSIT from 2015 to July 2017

LIST OF M.TECH. PROJECTS GUIDED(2012-2015)

- Change detection in land use and land cover using remote sensing and data and GIS in Nilambur block, Mallapuram district, Kerala. (2015) co-guide).
- Predicting the errors in the satellite –based shore line change detection (2010-2012(co-guide))
- Production of urban land use map for Samawah city from satellite image(2014)

- RS and GPS-oriented infrastructure planning in GIS environment(2012)
- Selection of the best route between Iraq and the international border of Saudi Arabia(through Al Najaf city)using remote sensing(RS) techniques and Geographic Information System(GIS)(2012)
- Estimation of leaf area index using Android-based mobile applications(2015) co-guide).
- Application of R.S. and GIS techniques for routing water supply for villages in Nalgonda mandal, Nalgonda district , Telangana state(2015)(co-guide)
- Ship detection on SAR images using two parameter CFAR method (2015)(Co-guide).

ARTICLES PUBLISHED/PRESENTED AT THE SYMPOSIA/ SEMINARS/CONFERENCES/ WORKSHOPS

- Mohsin,K.N. , Venkatesh,J., Ali,A.H.H.A.2014. Land use and land cover changes of Al-Kut city in Iraq using remote sensing and GIS techniques. International Journal of Scientific Engineering and Technology Research. 3(17):3555-3560.
- Harish, B., Santosh,M. and Venkatesh,J2016.Stock mapping of Cherla forest using RS and GIS. Discovery Journal. The International journal ISSN 2278 – 5469 EISSN 2278 – 5450.
- Supriya,V.M, and J.Venkatesh,J. 2016. A Review on E-Governance using GIS and remote sensing. Discovery journal, The International journal ISSN 2278 – 5469 EISSN 2278 – 5450
- Jena, B. and Venkatesh, J.2008. Analysis on the variability of IRS – P4 (MSMR) geophysical parameters with emphasis during the onsets of southwest monsoon” Presented at the ICORG – 2008 held at Hyderabad in June 2008.
- Jena, B. and Venkatesh, J.2009. Retrieval of sea surface wind surface wind speed from IRS-P4 (MSMR) brightness temperature : An artificial neural network approach” Presented at the “Map World Forum” held at Hyderabad in February 2009.

GPS Survey in development of crop yield model based on satellite remote sensing derived crop condition” by J. Venkatesh, Head, CSIT.

- J. Venkatesh presented a paper in National conference on New Trends in civil Engg.(NTCE-2014) in the technical session VI on “Remote Sensing and GIS”
- Attended Training programme on “Orientation Course on RS&GIS for Operators & Technicians” during 23 March-03 April, 2015 at ESCI, Hyderabad.
- J.Venkatesh, R.S.Dwivedi,Chandrasekhar.G,I.V.Muralikrishna presented a paper on “Decision Support System for Optimization of Multi-Purpose Reservoir System Operations: A Review” in National conference on “Water Environment and Society “ 2017.
- J.Venkatesh, R.S.Dwivedi,Chandrasekhar.G,I.V.Muralikrishna presented a paper on “The Assessment of Sedimentation of NagarjunSagar using spaceborne Chronosequential Images” in National conference on “Water Environment and Society “ 2017.
- J.Venkatesh, R.S.Dwivedi, Madhavi Supriya.V presented a paper on “Spatio – Temporal behaviour of Waterlogging using Multi-Temporal Satellite Data” in National conference on “Water Environment and Society “ 2017.
- J.Venkatesh, R.S.Dwivedi, Madhavi Supriya.V presented a paper on “Spatio – Temporal behaviour of Waterlogging using Multi-Temporal Satellite Data” in National conference on “Water Environment and Society “ 2017.
- J.Venkatesh, R.S.Dwivedi, Madhavi Supriya.V presented a paper on “Satellite Remote Sensing of the Impact of Aquaculture on Environment” in National conference on “Water Environment and Society “ 2017.
- J.Venkatesh, R.S.Dwivedi, Harish Ballu,Santhosh.M presented a paper on “Information Content Analysis of LandSat-8 OLI Data for Water Resources Management-A Case Study of Nagarjuna Sagar Reservoir” in National conference on “Water Environment and Society “ 2017.

CONSULTANCY WORK

S.NO	Particulars	Client	Duration	Amount
1	DGPS control point survey	Top view consultants	January 2007	9000/-
2	DGPS control point survey for two days...	Gaea systems pvt. ltd.	April 2007	5000/-
3	DGPS survey for taking stake out points done for 9days.....	Sumadhura Geomatica Pvt. Ltd.	May 2007	30,786/-
4	DGPS control point survey	Top view consultants	May 2007,	20000/-
5	DGPS control point survey for 18 days in Orissa..	Geomap Systems Pvt. Ltd	May 2007	10000/- 50, 000/- , 15-03-2008
6	DGPS survey for collection of control points, 4 days.....	RSI	June 2007	22000/-
7	DGPS survey for collection of control points at Mumbai	ADCC info cad Pvt. Ltd	June 2007	12800/-
8	DGPS control point survey	Top view consultants	July 2007	11000/-
9	RTK mode DGPS survey for one day	Quantum Asia	July 2007	4500/-
10	DGPS survey for collection of control points at Hyderabad	ADCC info cad Pvt. Ltd	July & August 2007	No 13
11	DGPS survey for collection of control points, 15 nos....	Universal Technologies Services Ltd	September 2007	10000/-
12	DGPS control point survey in Orissa	Geographic Imaging Solutions (India)	24-09-07 to 12-10-07	10, 000/- (by cash) 75, 000/- (29-11-07) 67, 500/- (07-03-07)
13	DGPS ground control points survey in kerala	ADCC info cad Pvt. Ltd	13 th Oct to 27 th Oct	89, 435/- (31-01-08)

14	DGPS Control points at International Airport, Hyderabad	Geographic Imaging Solutions, # 1-9-665/8/A/101, Motisadan Apts, Viidyanagar, Hyd 44	Feb 26 th to March 1 st 2008	Rs.44,000
15	DGPS Control points in Hyderabad	TRICAD Design Consultants	22 nd Feb	30,000/-
16	DGPS Control points in Hyderabad	TRICAD Design Consultants, C-44, Madhura Nagar, S.R.Nagar, Hyd 38	06 th & 07 th March 2008	27, 000/- received
17	DGPS Control point for Metro Train Project, Hyderabad	Map Age Consultants, 10/104, Sector 3, Rajendra Nagar, Sahiababad, Ghaziabad 201005 (U.P)	April 09 – 13 th 2008	15, 000/-
18	DGPS Control point in Vizag	Gayathri Vidya Parishad College of Engg	April 10 th to April 14 th 2008	54, 375/-
19	DGPS Topography Surveying, Siddipet	L & T Ltd Cyber Gateway, B – Block, Wing No. 1, 1 st Flooer, Madhapur, Hyd 500081	May 15 th & 16 th 2008	28,000/- (Received)
20	GPS point, Hi – Tech City	Apex Technology, Cheenai	5 th June 2008	5, 000/- (Received0
21	DGPS, Orrisa forest	Geographic Imaging Solutions (India)	July 11 th to July 16 th 2008	17, 820/- (Received)
21	DGPS, International Airport, Hyderabad	Geographic Imaging Solutions (India)	July 30 th to July 31 st 2008	14,240/- (Received)
22.	DGPS, Orrisa	SVV Geo Tech, Secunderabad.	Aug 6 th to 2 nd Oct 2008	Rs. 50,000/- (Received) Rs.1,25,281/- (Yet to Receive)

23	DGPS Control point, Hyderabad	EGSS, Chennai	December, 2008	8, 000/-
24	DGPS Control point, Delhi	EGSS, Chennai	December, 2008	
25	DGPS, forest boundary marking survey	EGSS, Chennai	January 2009	25, 000/-
26	DGPS Control point, Chennai	EGSS, Chennai	March 2009	3500/-
27	DGPS Control point, Assam	EGSS, Chennai	March, 2009	35, 600/-
28	Survey puttapartin	Renuka	April, 2009	25000/-
29	Survey puttapartin	Renuka	May 2009	2500/-
30	DGPS Control point, chaverla	S & H resource informatics	June 2009	16000/-
31	DGPS Control point, Karimnagar	Geo info space Pvt Ltd	June 2009	14500/-
32	DGPS Control point, Rajender Nagar, AP	EGSS, Chennai	July 2009	3600/-
33	DGPS Control point, Rajender Nagar, AP	EGSS, Chennai	August 2009	3600/-
34	DGPS Control point, Chennai	EGSS, Chennai	Oct 2009	7200/-
35	DGPS Control point, Bangarpet	EGSS, Chennai	Oct 2009	18000/-
36	DGPS Control point, Vizag	EGSS, Chennai	Nov 2009	25000/-
37	DGPS Control point, Chennai	Vision Labs, Hyd	Dec 2009	17400/-
38	DGPS Control point, Chennai	EGSS, Chennai	Dec 2009	9000/-
39	DGPS Control point, Mumbai	Gaea Systems, Hyd.	Dec 2009	12000/-
40	DGPS Control point, kolkata	Gaea Systems, Hyd.	Jan 2010	8000/-
41	DGPS Control point, Chennai	Gaea Systems, Hyd.	Jan 2010	8000/-
42	DGPS Control point, Chattisgarh	Apex Spatial Tech, Nagpur	Feb 2010	58000/-
43	DGPS Control Point Madhya Pradesh	Laxman Enterprises	March 2010	97000/-
44	DGPS Control	S & H	March	92000/-

	Point Nellore Dist	Informatics Ltd.	2010	
45	DGPS Control Point Nagpur	imaGIS , Nagpur	April 2010	55,000/-
46	DGPS Control Point Bhubneshwar, Orrisa	Marvel Geospatial Solutions, Hyd	May 2010	35,000/-
47	DGPS Control Point Madanpalle	Geographic Imaging Solutions Pvt. Ltd., Hyd	May 2010	Rs. 1,10,000/-
48	DGPS Control Point Calicut, Wellington, Kannur	DEO, Cheenai	June 2010	Rs. 69,000/-
49	DGPS Control Points Goa	Vision labs, Hyd	July 2010	Rs. 17,000/-
50	DGPS Control Point Orrisa	Hemadhri Surveys, Hyd.	July 2010	-
51	DGPS Control Points Madhya pradesh	Vision labs, Hyd	2013	Rs.1,20,000/-
52	DGPS Control Points Chennai		2013	16000/-

**Survey works carried out by DGPS instruments procured under TEQIP
Differential Global Positioning System, 5700 model TRIMBLE
CONDUCTED BY THE SHORT TERM TRAINING PROGRAMS**

S.No.	Course Title	Date	Coordinator	Days
01	Short term course in AUTO CAD MAP2004, ARC GIS 9.0	13-11-2006	J. Venkatesh	40 days.
02	short-term training program on “.NET and Web mapping”	02-01-2007	J. Venkatesh	Days 45
03	training programme on Auto CAD & GIS Application	20-08-2007 & 21-08-2007	J. Venkatesh	2 day
04	training programme on Auto CAD & GIS Applications conducted	23-10-2007 to 27-10-2007	J. Venkatesh	5 day
05	training programme on Auto CAD & GIS Applications	29-10-2007 & 30-10-2007	J. Venkatesh	2 day
06	GIS training program on GIS, Auto CAD Applications	28/7/2007 to 01/08/2007	J. Venkatesh	5 day
07	residential training programme on Auto CAD & GIS Applications (4 th batch)	19-11-2007 to 23-11-2007	J. Venkatesh	5 day
08	Flood Mapping and Damage Assessment in ERDAS & GIS environment	during 20 th to 29 th May, 2007	J. Venkatesh	
09	Training in satellite data processing & GIS application	20 th to 29 th May, 2007.	J. Venkatesh	10 Days
10	FREE AUTOCAD AND GIS PROGRAMME	03 rd , 2007 to October 18 th , 2007	J. Venkatesh	Under TEQIP 25 Days
11	free Dot Net short term training program		J. Venkatesh	Under TEQIP 25 days
12	Short Term Course on “ROLE OF REMOTE SENSING IN DISASTER MANAGEMENT”	17-09-2010 to 18-09-2010	J. Venkatesh	UGC-ACADEMIC STAFF COLLEGE

13	Training programs Remote sensing and GIS	17 th May to 31 st May2012	J. Venkatesh	UGC- ACADEMIC STAFF COLLEGE
14	Training programs Total Station and DGPS	17 th May to 31 st May 2012	J. Venkatesh	UGC- ACADEMIC STAFF COLLEGE