

**1. Details of the Teacher/ Academic :**

<b>Name &amp; Date of Birth</b> :	Dr. Satya Raj
<b>Date of Joining in IGNOU:</b>	May 24, 2011
<b>Current Designation</b> :	Assistant Professor
<b>Pay Scale as on date</b> :	87300 Basic
<b>Qualifications</b> :	Ph.D. in Geography, UGC (NET) in Geography, PG Diploma in GIS and Remote Sensing, PG Diploma in Distance Education

**2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:**

<b>Name of the recipient</b>	<b>Honour /Award/ Fellowship name/ membership of Professional body/ Statutory body</b>	<b>Agency name /Name of statutory body/ institution/ Apex body</b>	<b>Period</b>
<b>Satya Raj</b>	Young Geographers Commendation Award	National Association of Geographers of India annual conference held at M.D. University, Rohtak	2004
<b>Satya Raj</b>	Young Geographers Runners up Award	Association of Geographers Bihar & Jharkhand annual conference held at Vinoba Bhave University, Hazaribagh	2004
<b>Satya Raj</b>	Life Membership	Indian National Cartographic Association (INCA) LM-2436	Since November 2009
<b>Satya Raj</b>	Life Membership	Indian Society for Remote Sensing. (ISRS) L-3461	Since December 2009
<b>Satya Raj</b>	Life Membership	National Association of Geographers of India. (NAGI) LM-1875	Since November 2011
<b>Satya Raj</b>	Life Membership	Association of Geographers of Bihar & Jharkhand. (BAG/AGBJ) L/205	Since December 2005
<b>Satya Raj</b>	Life Membership	Centre for Geosheelitic Studies	Since May 2011

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**3. Books/Book Chapter:**

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN No

SNo.	Name of Author1/ Editor 1, & Co- author (s) / Co-editor (s) (if any)	Title of chapter/book	Place of publication	Publisher	Year	Total Pages	ISBN No.
1.	<b>Satya Raj</b>	River Networking- An Evaluation in the Field of Sustainable Water Resource Management in S.P. Singh, M.P. Srivastava, (eds.), River Interlinking in India-The Dream & Reality	New Delhi	Deep & Deep Publications Pvt. Ltd.	2006	pp.326-335	81-7629-850-6
2.	<b>Satya Raj</b>	An Approach for Sustainable Water Resource Management: Interlinking of Rivers in R.B. Mandal (ed.), Water Resource Management	New Delhi	Concept Publishing Company Pvt. Ltd	2006	pp.233-242	818069318X
3.	<b>Satya Raj</b>	Assessing the Rain Water Harvesting Potential of Pallavpuram Area of Meerut, Uttar Pradesh, in P. Sharma and S. Rajput (eds.)	Switzerland	Springer	2017	pp. 199-211	978-3-319-47144-0 978-3-319-47145-7 (ebook)

		Sustainable Smart Cities of India					
4.	Satya Raj	Rainwater Harvesting in Twin Villages of Neb Sarai and Maidan Garhi in Delhi: A GIS Analysis in Regional Development Theory and Practice (Prof. <i>RP Mishra Felicitation Volumes</i> ) Vol-2 <i>Measuring Development</i> ,	New Delhi	Concept Publishing Company Pvt. Ltd	2017	pp.367 -	978-93-5125-204-7
5.	Satya Raj	Imparting Software Skills in Geospatial Technology through Online Lectures in the e-book titled A Collection of Innovations and Ideas in the ODL System	New Delhi	Indira Gandhi National Open University	2018	74-78	978-93-88980-43-2

**4. Research Articles/Publications:**

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	Satya Raj	Geospatial technology for determining forest cover changes and urban interface problems	<i>International Journal of Contemporary Research in Engineering and Technology</i>	Vol 4, No. 1& 2	145-150	2014	2250-0510
2.	Satya Raj. & R.B.P. Singh	Geopolitical status of Jammu and Kashmir in regional	<i>Geosheelitic View</i>	Vol. IV, No.1-2	1-16	2013	

		geostrategic situation					
3.	Satya Raj	Geospatial technologies for developing a rainwater harvesting model to solve the water problem in the twin villages of Neb Sarai and Maidan Garhi in Delhi	<i>The Indian Cartographer</i>	Vol 31(1)	327-332	2011	09728392
4.	Satya Raj & R.B.P. Singh	A study of traffic congestion and urban problems of the National Capital Region of Delhi using geospatial tools	<i>Annals of the National Association of Geographers of India</i>	31(1)	39-50	2011	0970972X
5.	Satya Raj	Sino-Indian Relations: A Geographical Reality	<i>East West Geographers</i>	Vol.16, No.1	1-7	2005	
6.	Satya Raj	Progress in Climatology: Satellite Climatology and GIS (all 4 quadrants prepared)	Module for <b>UGC ePGPathshala</b> on Climatology for M.Sc. Geography	<a href="https://www.youtube.com/watch?v=1Cm4Y9ovZLU">https://www.youtube.com/watch?v=1Cm4Y9ovZLU</a>			
7.	Satya Raj	Weather Data Recording and Weather Forecasting (all 4 quadrants prepared)	Module for <b>UGC ePGPathshala</b> on Climatology for M.Sc. Geography	<a href="https://www.youtube.com/watch?v=x0Z88o_EKHo">https://www.youtube.com/watch?v=x0Z88o_EKHo</a>			
8.	Satya Raj	Applied Climatology (all 4 quadrants prepared)	Module for <b>UGC ePGPathshala</b> on Climatology for M.Sc. Geography	<a href="https://www.youtube.com/watch?v=CXsX0oqEed0">https://www.youtube.com/watch?v=CXsX0oqEed0</a>			

**5. Policy Documents Reports/ Mimeos:**

SNo.	Title	Institution/ Agency	Year
1.			
2.			
3.			

**6. Book Review published :**

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	Satya Raj	Crime Mapping Case Studies: Practice and Research	Current Science	Vol. 109, No. 7	1345	2015	0011-3891

**7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)**

SNo.	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
1.	Satya Raj	Geospatial Technologies for Developing Self-Sustaining Green Colonies: A Smart City Initiative for Colonies and Institutions along Bypass Road of Meerut	Dept. of Geography, Shaheed Bhagat Singh College, University of Delhi	National Conference on Making Cities Resilient: Post Habitat III	New Delhi	February 3-4, 2017
2.	Satya Raj	Geospatial Education through Open and Distance Learning	STRIDE, IGNOU	International Seminar on Skill Development through ODeL: Innovations, Entrepreneurship, Employmentt for Inclusive and Sustainable	New Delhi	March 9-11, 2017

				Livelihoods		
3.	Satya Raj	Geospatial Skill Development through Virtual Classrooms in an Open and Distance Learning	Government Girls Degree College	National Conference on Inclusive Growth for Financial Inclusion and Social Development	Behat	March 26-27, 2017
4.	Satya Raj	Role of Open Spaces for Urban Sustainability: A Case Study of Delhi	Shaheed Bhagat Singh College, University of Delhi	National Workshop Under the Aegis of Innovation Project SBS- 302 Stipulating the Role of Agriculture and Forestry in Urban Environment: Mapping and Analysing Green Spaces of Delhi	New Delhi	April 4, 2016
5.	Satya Raj	Exploring the use of Geospatial Technology in context of IGNOU to make it a Self Sustaining, Smart and Green Campus	Nalanda Open University	6 <sup>th</sup> NAGI International Conference	Patna	November 18-20, 2016
6.	Satya Raj	Remote Sensing and GIS for Sustainable Management of Forests and Conservation of Biodiversity	Shobhit University	1st National Conference on Approaches Towards Protection of Biological Resources	Meerut	May 8-9, 2015
7.	Satya Raj	Challenges Faced in Managing Disasters related to Religious Tourism in Mountainous Environment: A Case Study of	University of Delhi	UGC-SAP-DRS- III National Seminar	New Delhi	March 20-21, 2015

		the Recent Kedarnath-Badrinath Disaster in India				
8.	Satya Raj	Religious Tourism, Sustainability and Carrying Capacity: A Comparative Study of Vaishno Devi and Kedarnath-Badrinath Shrines	Magadh University,	IXth DGSI International Geography Conference	Bodhgaya	February 26-28, 2015
9.	Satya Raj	Geospatial Technology for Determining Forest Cover Changes and Urban Interface Problems in Hastinapur Wildlife Sanctuary	Shobhit University	4th National Conference CICON-14	Meerut	March 2, 2014
10.	Satya Raj	Assesment of Forest Cover Changes and Degrading Habitat of Barasingha using Satellite Remote Sensing Technologies	M.D. University	International Geographical Union Conference on Geoinformatics for Biodiversity and Climate Change	Rohtak	March 14-16, 2013
11.	Satya Raj	A Geospatial Enquiry into Forest Cover Changes and Urban Interface Problems in Hastinapur Wildlife Sanctuary	Patna University	34 <sup>th</sup> Indian Geographical Congress of NAGI on Hazards, Vulnerability and Sustainable Development	Patna	November 2-4, 2012
12.	Satya Raj	Rainwater Harvesting Potential of Pallavapuram Area of Meerut:	ESRI India	12th ESRI India User Conference at NOIDA on Understanding Our World	NOIDA	December 7-8, 2011

		A GIS Study				
13.	Satya Raj	Geospatial Technologies for Developing a Rainwater Harvesting Model to Solve the Water Problem in the Twin Villages of Neb Sarai and Maidan Garhi in Delhi	Panjab University	XXXI International Congress of Indian National Cartographic Association (INCA) on Cartography for Disaster Management	Chandigarh	October 15-17, 2011
14.	Satya Raj and R.B.P. Singh	Geopolitical Status of Jammu and Kashmir in Regional Geostrategic Situation	Panjab University	32nd Indian Geography Congress of NAGI (National Association of Geographers of India) on Globalization, Population and Regional Development	Chandigarh	November 19-21, 2010
15.	Satya Raj	A Study of Traffic Congestion and Urban Problems of the National Capital Region of Delhi Using Geospatial Tools	Panjab University	32nd Indian Geography Congress of NAGI (National Association of Geographers of India) on Globalization, Population and Regional Development	Chandigarh	November 19-21, 2010
16.	Satya Raj	Industrialisation and its Impact on Urban Infrastructure and Environment	ESRI India	10th ESRI India User Conference	NOIDA	April 28-29, 2009
17.	Satya Raj	Tsunami Disaster and the Need of Sustainable Management Approach	Nalanda Open University	National Seminar on Tsunami Waves, Coastal Disaster and Management	Patna	February 3, 2005
18.	Satya Raj	Indo-Pak Border Dispute: A Geopolitical	BN College, Patna University	National Seminar on Geopolitics and Conflict	Patna	27-29 November, 2004



		Reality		Resolution		
19.	Satya Raj	Sino-Indian Relations : A Geographical Reality	MD University	26 <sup>th</sup> Indian Geography Congress of National Conference of NAGI on Regional Development: Vision 2020	Rohtak	November 5-7, 2004
20.	Satya Raj	Interlinking of Rivers: An Approach for Sustainable Water Resource Management	MD University	26 <sup>th</sup> Indian Geography Congress of National Conference of NAGI on Regional Development: Vision 2020	Rohtak	November 5-7, 2004
21.	Satya Raj	Interlinking of Rivers: An Approach for Sustainable Water Resource Management	Vinoba Bhave University	6 <sup>th</sup> Annual Conference for Association of Geographers of Bihar & Jharkhand	Hazaribagh	October 9-10 2004
22.	Satya Raj	Delivered a lecture on the Basic Concepts of GIS/GPS as one Resource person. Also the Organising Secretary of the workshop	Shobhit University	Workshop on Application of GIS and GPS technologies in Agriculture and Forestry	Meerut	March 06, 2011
23.	Satya Raj	Delivered a lecture on "GIS and GPS Applications in Agriculture" as a Resource Person and conducted a field work on GPS	Faculty of Biological Engineering, Shobhit University	workshop on Emerging Trends in Agri-Informatics and Bio-Informatics	Meerut	February 18, 2012
24.	Satya Raj	Delivered a lecture on Overview of GPS and its Applications	Shobhit University	Inspire Science Programme funded by DST	Meerut	June 19, 2012
25.	Satya	Delivered	Faculty of	Seminar cum	Meerut	February

	Raj	lecture on Applications of Remote Sensing, GIS and GPS in Environment Management and conducted a Fieldwork on GPS as a resource person	Biological Engineering, Shobhit University	Workshop on Applications of Remote Sensing, GIS and GPS in Environment Management		20, 2015
26.	Satya Raj	Delivered a Lecture on “Application of Remote Sensing and GIS in Agriculture and Forestry” and conducted hands-on practical training on (i) Georeferencing in QGIS, (ii) Collection of Field data with the help of handheld GPS and (iii) Integration of the collected GPS data with GIS	Shobhit University	Summer training programme on Biological Skills Development Program"	Meerut	July 01-15, 2016

**8. Study Tour Organised/ Participated/ Attachment Organized/Internship:**

SNo.	Details of the tour	Name of coordinating body	Duration
1.			

**9. Consultancy assignment (if any):**

SNo.	Organization/ agency	Cost, title of consultancy	Duration

**10. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):**

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed

**11. Details of PhD and MPhil Scholars (including those awarded degree):**

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award
1.	Mr. Md. Imran Rizvi (173101879)	2017	Continuing
2.	Mr. Shakti Suman (173101830)	2017	Continuing

**12. Details of Programmes/ Courses coordinated/ written/ edited/ translated:**

SN o.	Programme	Course	Unit (print)/ Audio/ Video/ eSLM	Coordinated/Written / Edited (content/ language/ format)/ Translated	Period
1.	BDP Geography	Elements of Physical Geography, Techniques of Remote Sensing and Geographical Information System, Climatology and Oceanography, Political Geography		Course Coordinator	2011-2015
2.	B.Sc. General (CBCS)	Physical Geography, Geographical Information System		Course Coordinator	2015 to Present
3.	PGDESD	Globalisation and Environment		Course Coordinator	December 2015 to present
4.	M.Sc. Geography	Climatology, Political Geography, Oceanography		Programme Coordinator and Course Coordinator	2018 to present
5.	B.Sc. (Hons.)	Climatology, Advanced Spatial Statistical Techniques,		Course Coordinator	

		Geographical Information System, Remote Sensing and GIS (Practical), Political Geography, Hydrology and Oceanography			
6.	PGCGI	MGY- 003	<b>Data Input</b>	Written	2011
7.	B.Sc. geography	Physical Geography	<b>Introduction to Hydrosphere</b>	In Press	2015 to present
8.	B.Sc. geography	Physical Geography	<b>Ocean Floors and Relief Features</b>	In Press	2011-15
9.	B.Sc. geography	Physical Geography	<b>Distribution of Temperature and Salinity in the Oceans</b>	In Press	2011-15
10.	B.Sc. geography	Physical Geography	<b>Ocean Deposits</b>	In Press	2011-15
11.	M.Sc Environmental Science		<b>Elements of Climate</b>	Submitted	2017-present
12.	B.Sc. geography	Physical Geography	<b>Audio Programme of 28'11'' duration on "<i>Weather Forecasting: Types and Methods</i>"</b>	Content Coordinator	2017
13.	B.Sc. geography	Physical Geography	<b>Video Programme on "Observing Weather"</b>	Content Coordinator <a href="https://youtu.be/EKWrrkI1xrY">https://youtu.be/EKWrrkI1xrY</a>	2016
14.	B.Sc. geography	Physical Geography	<b>Video Programme on "Predicting Weather"</b>	Content Coordinator <a href="https://youtu.be/ZJE2VrdFxDg">https://youtu.be/ZJE2VrdFxDg</a>	2016
15.	B.Sc. geography	Physical Geography	<b>Video Programme on "Composition and Structure of the Atmosphere"</b>	Content Coordinator <a href="https://www.youtube.com/watch?v=QKDsoPekCVI">https://www.youtube.com/watch?v=QKDsoPekCVI</a>	2017
16.	B.Sc. geography	Physical Geography	<b>Video Programme on "Insolation"</b>	Content Coordinator <a href="https://www.youtube">https://www.youtube</a>	2017

			<b>and Atmospheric Temperature”</b>	.com/watch?v=qmL2vDMEOt8	
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**13. Training programmes designed and conducted, duration and dates**

SNo.	Programme	Dates	Place	Number of Participants

**14. Details of Counselling sessions conducted:**

SNo.	Programme	Course	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1.	B.Sc General	Physical Geography	IGNOU, New Delhi	February 17, 2019	One Hour	Radio counselling
2.	B.Sc General	Physical Geography	IGNOU, New Delhi	January 1, 2019	One Hour	Radio counselling
3.	B.Sc General	Physical Geography	IGNOU, New Delhi	October 2, 2018	One Hour	Radio counselling
4.	B.Sc General	Physical Geography	IGNOU, New Delhi	October 15, 2017	One Hour	Radio counselling
5.	B.Sc General	Physical Geography	IGNOU, New Delhi	March 18, 2014	One Hour	Radio counselling
6.	B.Sc General	Physical Geography	IGNOU, New Delhi	October 8, 2013	One Hour	Radio counselling
7.	Appreciation Course on Environment		IGNOU, New Delhi	September 20, 2017	One Hour	Web conferencing

**15. Details of Patents granted (if any):**
**16. Contribution to IGNOU's corporate life:**

SNo.	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1.	Member	Seminar and Cultural Committee of SOS	2011 to 2013
2.	Member	School Council of SOS	2011 to Present
3.	Member	BDP Coordination Committee of SOS	2013 to 2016

**(Duly authenticated by the Director/ Head of School/ Division/ Unit/Centre / Cell)**

<b>4.</b>	<b>Member</b>	Documentation Committee	2013 to 2014
<b>5.</b>	<b>Member</b>	Cultural committee of SOS	2016 to Present
<b>6.</b>	<b>Member</b>	Seminar and Cultural Committee of SOS	July 2019 (Contd.)

**17. Administrative position/s held in the University (even as in charge)**

<b>SNo.</b>	<b>Designation</b>	<b>Period</b>
<b>1.</b>	Discipline Group Coordinator for Geography Discipline	July 23, 2014, to July 22, 2015
<b>2.</b>	Lab Incharge for Geography Discipline	January 2019 to present

**18. Any other contribution/information****Signature of Teacher /Academic****Signature of Director/ Head**