

		Details of Deputation (if applicable)						
Name of the office		Post held at that time in parent office	Name of post (selected for deputation)			Period of deputation		
NA		NA					Since	From

Details of Foreign visit					
SL. No	Place of visit	Date of visit	Post held at that time	Whether it is a personal or official visit	Details of visit
1.	Berlin, Germany	28 th May 2013 to 3 rd June 2013	Scientist B	Official Visit	Participate in scientific and technical exposure of Water cycle and Treatment Techniques being followed in Berlin, Germany

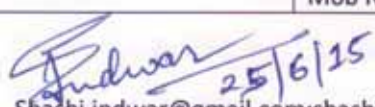
Transfer/ Posting detail (if applicable)		
Place	Period of posting	
	Since	From
NA	NA	

Qualification (Use extra photocopy sheets for multi qualification, experience, training, awards details)			
Qualification	Discipline		Specialization1
M.Tech Remote Sensing and B.Tech Agricultural Engg	Remote sensing GIS, Agricultural Engg		Remote sensing GIS,
Year	Division	CGPA	Specialization2
M.Tech(2007) and B.Tech(2005)	First -I st	8.1	Agricultural Engineering
Institution	University	Place	Country
B.I.T Mesra	B.I.T Mesra (D.U)	Ranchi	India
Experience - Total (6 years) 3 years (N.I.H Roorkee,MoWR,Central Govt) 3 Years (JSAC, Ranchi, State Govt.)			
Type Posting	Level		
Posted at National Institute of Hydrology, Roorkee, Uttarakhand	Group' A' official		
Designation	Present Position		
Scientist B	Scientist B		
Ministry	Department		
Ministry of Water Resources, River Development and Ganga Rejuvenation	Groundwater Hydrology Division		
Office	Place		
National Institute of Hydrology	Roorkee, Uttarakhand		
Experience Subject	Period of Posting		
Major	Minor	From	To
Groundwater Hydrology- No. 282911 Worked on European Commission sponsored 'Saph Pani'Project titled Enhancement of natural water systems and treatment methods for safe and sustainable water supply in	Refer Annexure II	2011	2014

India(WP1&WP5)- Project supported by the European Commission within the Seventh Framework Programme Grant agreement							
Note:- Refer the Annexure to the above Major, Minor Subjects and below given training subject							
Training		Refer Annexure I					
Training Year		Training Name			Training Subject		
Refer Annexure I		Refer Annexure I			Refer Annexure I		
Level		Institute name, Place		Field Visit Country	Field Visit Place (Within India)		
		Refer Annexure I					
Sponsoring Authority		Period of Training		Duration		Result	
		From	To	(In Weeks)	Qualified-qualified all training courses		
Refer Annexure I					Not Qualified		
Awards/Publications (i) Shashi Poonam Indwar , Nilanchal Patel (October, 2014)-"Classification accuracy analyses using Shannon's Entropy", published in International Journal of Engineering Research and Application (ImpactFactor-1.69) http://ijera.com/pages/v4no11(v4).html dated November 20, 2014							
(ii) Paper entitled "Determining distance of a bank filtration well, and performance evaluation of riverbank filtration scheme at Haridwar, India" accepted in Current Science Journal (authors Narayan C. Ghosh ¹ , Saroj Kumari Khatania ¹ , Shashi Poonam Indwar ¹ , Cornelius S. S. Sandhu ² , C. K. Jain ¹ , Sanjay Mittal ¹ , and Rakesh Goel ¹)							
Type of Activity: Groundwater Hydrology, Remote Sensing & GIS.				Academic		Non Academic	
Activity Area-1) Modeling Groundwater Flow and Transport Contaminant using Visual MODFLOW (Version 9.1) 2) Natural Treatment Technique 3) National Land Use Land Cover Mapping using Multi-				Activity Subject- Groundwater Hydrology,		Activity Title-	

temporal Satellite Data.4) Satellite(IRS P6-AWiFS) based Crop Condition Monitoring System-Generation of AWiFS based Crop and Moisture status Map using NDVI and NDWI model and 6-LUT Color sample and Time Composited to minimize /exclude Clouded area.			Remote Sensing & GIS, Drought Monitoring etc		
Day	Month	Year	Activity Description/Remarks	Level	
Activity 1&2		2011-2014	Completed		
Activity 3&4		2008-2010	Completed		
Note: (i)		Concerned CSS officer is responsible for the correctness of information sent through ER Sheet proforma.			
(ii)		Subject to Verification by the concerned administration authorities			
Date:25/6/2015			Place: Roorkee		
Information checked and verified - by				Signature of Officer	
Section Officer			Ministry/Department		
E-mail Id shashi.indwar@gmail.com ; shashi@nih.ernet.in			Room No	B-317	Building Name
Phone No 01332-249338			Wing No		

Remarks (if any)					
Language Known - Hindi, English					
		Read	Write	Speak	
Indian Languages Known	1	English	Yes	Yes	Yes
	2	Hindi	Yes	Yes	Yes
	3				
	4				
	5				

Foreign Lang. Known	1	None			
	2				
	3				
Address Details					
Permanent Address	C/O Mrs Prema Topno, HNo. 936 D8, Mariyam toli, Near Holy Cross School, Peace Road, Lalpur, Ranchi, Jharkhand-834001			City-Ranchi	
	State/UT-	Jharkhand	Pin Code	834001	
Present Contact Address	Mrs Shashi Poonam Indwar, Scientist B Groundwater Hydrology Division, National Institute of Hydrology, Roorkee-247667			City	Roorkee
	State/UT	Uttarakhand	Pin Code	247667	
	Phone(Off)	01332-249338	Fax		
	Phone (Res)		Mob No	9557967476	
	E-Mail(Mandatory)	 Shashi.indwar@gmail.com;shashi@nih.ernet.in			

ANNEXURE I

Details of professional course/ training etc.

- Attended a Training course on 'Tractor and Agriculture Machinery' at Central Farm Machinery Training and Testing Institute (Department Of Agriculture and Co-Operation) Tractor Nagar, Budni from 1.06.2004 to 30.06.2004.(1month)-qualified.
- Participated in the NEGeo-2006 training programme on "Geoinformatics and its Applications", held at IIT Guwahati, Department of Civil Engineering during 18th to 20th September, 2006.(3 Days)-qualified
- Participated in 25th ISRS Annual Convention and National Symposium Emergence of Geoinformatics for Development: Trends and Opportunities at Birla Institute of Technology, Mesra, Ranchi, from 6-9 Dec.2005.(4 Days)-qualified
- Participated in 56 hours course entitled Swift C++ from NIIT Ranchi Main Road Center in the month of September year 2003.(1month)-qualified
- Attended a Software Training on ENVI IDL Remote Sensing & Image Processing Software Package with Atmospheric Correction Module held on 7th -8th May, 2009 at JSAC, Ranchi under the auspices of ISRO-Respond Project of Univ.Dept.of Geology, Ranchi University, Ranchi (Jharkhand).
- Contributed as a resource person in the Training Course conducted by Jharkhand Space Applications Centre in Collaboration with Tribal Welfare Department, Government of Jharkhand from 17.02.2009 to 09.03.2009.(1month)-qualified
- Attended two day National Workshop on " Agricultural Drought Monitoring and Vulnerability Assessment" under the aegis of Indian Meteorological Society (IMS), Hyderabad Chapter held during March 10-11, 2010 at National Remote Sensing Centre (NRSC), Hyderabad.-qualified
- Attended the DST sponsored training programme on Geomatics: Technology and Applications for women scientists, conducted by CEPT University, Ahmedabad from 11th to 16th March 2013. (1week)-qualified.
- Two day course on "Managed Aquifer Recharge: Methods, Hydrogeological Requirements, Post and Pre-treatment systems" Organised by Department of Geology, Anna University, Chennai from 11th and 12th December 2012.
- A Course o TNT mips –Remote Sensing and Gis application package OPSIS SYSTEM in strategic alliance with Micro Images, USA from 25th to 27th July 2012.(3 Days)-qualified

ANNEXURE II

Details of experience and previous employment including deputation (if any) indicating the scale of pay and basic pay and details of present post and pay

Post Held	Period of service		Salary drawn	Name/ place/ state of organization	Nature of duties
	From (DD/MM/Y Y)	To (DD/MM/ YY)			
Scientist-B	25.11.11	Till date	Basic 15600-39100/- Grade Pay- 5400/-	National Institute of Hydrology, Roorkee, Uttarakhand	Worked on European Commission sponsored 'Saph Pani' Project titled Enhancement of natural water systems and treatment methods for safe and sustainable water supply in India(WP1&WP5)- Project supported by the European Commission within the Seventh Framework Programme Grant agreement No. 282911
					Worked on consultancy project- Drainage Area Mapping and Hydrological Studies in and around Gurha(W) Lignite Block in Kolayat Tehsil of Bikaner District, Rajasthan(Part-I), sponsored by Rajasthan State Mines & Mineral Limited(GOR Enterprise).
Project Scientist	9.4.2010	3.10.2010	Rs 18000 consolidated	Jharkhand Space Applications Centre (JSAC)	Jharkhand Agriculture Information System –Sponsored by Jharkhand Space Applications Center, Department of Information Technology, Gov. of Jharkhand in association with National Remote Sensing Center, Department of Space,

				Ranchi, Jharkhand	Govt. of India Collaroboration- Birsa Agricultural University and Agricultural Department, Jharkhand. Work-(i) To develop near real time monitoring of agriculture in the State, five day revisit AWiFS data of IRS and ground information on agriculture and rainfall is used for assessment, early warning and decision support for agricultural management. (ii)Crop Condition and Moisture Condition over Agriculture area (iii)Report generation and issuing at various departments of Jharkhand State and districts (DC) head quarters. (iv) Hoisting at Website of Jharkhand Space Application Centre. (v)Automatic weather Station establishment at each block
Junior Research Fellow	02.10.2008	8.4.2010	Rs 12000+ HRA	Jharkhand Space Applications Centre (JSAC) Ranchi, Jharkhand	a)Satellite Data processing and interpretation b)NDVI and NDWI Modeling c)Digital image processing d)GIS based mapping and composition, statistics generation, spatial analysis etc Worked on I. National Land Use Land Cover Mapping using Multi-temporal Satellite Data Landuse/Landcover Mapping of

					<p>Jharkhand States using Remote Sensing and GIS.</p> <p>2. National Land Degradation Mapping Project –Mapped Land Degraded Land of Jharkhand State.</p> <p>3. National Wetland Inventory and Assessment - Wetland Mapping of Jharkhand State using RS and GIS.</p> <p>4. Worked on Jharkhand Agriculture Information System Project using NDVI and NDWI Modeling</p>
Programme Coordinator	02.01.2008	1/07/2008 6 Months	Rs 8000	Rabi Nandan Singh(Director ,F) Utthaan,2 nd Floor,Opposite Sankat Mochan HanumanMan dir,Taxi Stand,Main Road,Ranchi-834001	Survey and Development of Watershed. Promotion and construction of Rainwater Harvesting structure. Adoption of Watershed management practices

National Land Use Land Cover Mapping using Multi-temporal Satellite Data	Software Used	ARC GIS 9.3, ERDAS IMAGINE 9.2
<u>Description</u>		
Landuse/Landcover Mapping Of Jharkhand State from IRS LISS III Multi-temporal Satellite Data Using Remote Sensing and GIS with reference of SOI Toposheet, Awifs Data, wasteland 05 maps from NRSC in Scale 1:50000.5 major Classes (Built-up, Agriculture, Forest, Wasteland and Water bodies) have been delineated.		

National Wetland Inventory and Assessment	Software Used	ARC GIS 9.3, ERDAS IMAGINE 9.2
<u>Description</u> Wetland Mapping of Jharkhand State on 1:50,000 scale involving analysis of Resourcesat LISS III postmonsoon and premonsoon data of 2006/7 or 2005/6 using RS and GIS.		

Jharkhand Agriculture Information System Project.	Software Used	ARC GIS 9.3, ERDAS IMAGINE 9.2
	Status	Ongoing
<u>Description</u> Satellite(IRS P6-AWiFS) based Crop Condition Monitoring System-Generation of AWiFS based Crop and Moisture status Map using NDVI and NDWI model and 6-LUT Color sample and Time Composited to minimise /exclude Clouded area.		
<u>Description</u> Land Degradation Mapping Of Jharkhand State from IRS LISS III (Three Season-Rabi, Kharif,Zaid) Multi-temporal Satellite Data Using Remote Sensing and GIS With reference of SOI Toposheet in scale 1:50,000.		