




## Shivaji College Faculty Details Proforma

Title	Dr.	First Name	BHARAT	Last Name	RATNU	Photograph
<b>Designation</b>		<b>Assistant Professor</b>				
<b>Address</b>		3rd Floor, FD-27 Shivaji enclave, Delhi- 110027				
<b>Office Phone No.</b>						
<b>Residence</b>						
<b>Mobile</b>		9953406263				
<b>Email</b>		bharatratnu2010@gmail.com				
<b>Web-Page</b>						
<b>Educational Qualifications</b>		M.A, NET-JRF, Ph.D				
<b>Degree</b>		<b>University/Institute</b>			<b>Year</b>	
<b>Ph.D.</b>		Jai Narain Vyas University, Jodhpur.			2018	
<b>M.Phil./M.Tech.</b>		-				
<b>PG</b>		Jawaharlal Nehru University, Delhi.			2011	
<b>UG</b>		University of Delhi, Delhi.			2009	

<b>Any Other Qualification</b>	NET-JRF	2011-2016
<b>Career Profile</b>		
Assistant Professor, Department of Geography, Shivaji College, University of Delhi.		
<b>Administrative Assignments</b>		
<b>Areas of Interest/Specialisation</b>		
Sustainable Development, Environment Geography, Water Resource, Population Geography		
<b>Subjects Taught</b>		
Sustainability and Development, Resource Geography, Remote Sensing, Geography of India, Statistical Methods in Geography.		
<b>Innovation Project/Research Projects (Major Grants/Research Collaboration)</b>		
<ul style="list-style-type: none"> <li>• Investigator and Co-mentor of innovative project of Shivaji College entitled as 'Water harvesting techniques for Development of Nagaur District.' Funding by UGC- 2013-2015. Major Project.</li> <li>• Mentor of project "Organic Farming in Sikkim: Socio-economic and Geographical Prospective." in GYANODHAY 5- Dharohar of North East Project, Delhi University-2014.</li> <li>• Investigator of innovative project of Shivaji College entitled as 'Inventory and prospect of Water conservation in western Rajasthan.' In University of Delhi, Funding by UGC- 2015-2016. Major Project.</li> </ul>		

**Publications Profile (Research Papers/Books)**

- **Fluoride Toxicity of Ground Water in Makrana Tehsil, Nagaur District, Rajasthan, DU Journal of Undergraduate Research and Innovation. Volume 1 Issue 2, 2 May 2015, Page 386-394.ISSN: 2395-2334.**
- **Water Management in western Rajasthan, DU Journal of Undergraduate Research and Innovation. Volume 2 Issue 2, Page 165-171, Oct. 2016,ISSN: 2395-2334.**
- **Implications of Technology in water management: A case study of western Rajasthan, North Asian International Research journal Consortium, Volume 2, Issue 5, May 2016. ISSN No. 2454-2326.**
- **Trends of Employment and unemployment in Indian states: Gender Analysis, North Asian International Research journal Consortium, Volume 2, Issue 1, January 2016. ISSN No. 2454-2326.**
- **Application of the Central Place Theory to determine current centrality patterns: A case Study of Parbatsar Tehsil, Nagaur District, Rajasthan, Golden Research Thoughts, Volume-4 | Issue-10 | April-2015, ISSN 2231-5063.**
- **Water Scarcity and pattern of migration : A case study of Makrana tehsil, Nagaur District, Rajasthan, Indian Journal of Geography, Vol. XXI, January 2017, ISSN : 0537-2011.Pp-208-221.**
- **Water management for Sustainability of Nagaur District, Rajasthan, Vol 3, Issue 6, June 2017. ISSN : 2464-9827.**
- **Pattern of migration: A case study of Tilora, Chawandia, Motisar and Genahera Villages near Pushkar town of Ajmer district, Rajasthan, Review Of Research Journal, Volume - 4 Issue - 8 May - 2015, ISSN: 2249-894X .**

• Gender discrimination and women in rural Nagaur District, Rajasthan, Indian Streams Research Journal, Volume - 5 | Issue - 4 | May - 2015, ISSN: 2230-7850.

• Water Resources Problems: The Barrier in the Development of Nagaur District. Chapter 18 in a edited book titled as Environmental Crises and Conservation, Editor Dr. Sunil Kumar Verma Publication: Laxmi Books, Solapur. ISBN- 978-1-329-27221-7.

#### **Conference/Seminar/Faculty Development Programme/Workshop**

• International Seminar on 'Spatial Decision Support System for United Nation Sustainable Development Goals' organized by Kalindi College, University of Delhi. Presented a research paper entitled as "Water management for sustainability of Nagaur District, Rajasthan" on 1st and 2nd February 2017.

• National Seminar on 'Sustainable Water Resource Management in Arid and Semi - Arid Region' organized by Department of Geography JNVU, Jodhpur. Presented a research Paper entitled as 'Water resource Problems - A barrier in Development of Nagaur District.'" on Jan , 2014 .

• National Seminar on 'Water and Air Quality in Urban Ecosystem' organized by Eco club, Shivaji College, University of Delhi, Delhi. Presented a Poster Titled "Smart cities and water problems: A case study of Ajmer" on 22 March 2016.

• Innovation Project awarded for Research Display at the Convocation Ceremony of University of Delhi, presented a poster Titled as SHC 315 "Inventory and prospect of water conservation in western Rajasthan".

• Inter-national Women Conference attended Organized by Shivaji College, University of Delhi.

• Participated in VIMARSH-2017 THE YOUTH CONCLAVE organized by The YUVA (Youth United for Vision and Action), HELD ON 2nd to 4th November 2017 at IIMC, New Delhi.

#### **Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)**

### **Awards and Distinctions**

- **Teaching Excellence Award for Innovation Project SHC-204 “Rain water Harvesting Techniques for Development in Nagaur District, Rajasthan” by Vice Chancellor of University of Delhi 2015.**
- **Best Innovative Idea for Innovation Project SHC-204 Rain water Harvesting Techniques for Development in Nagaur District, Rajasthan. In Antardhwani 2015.**
- **Innovation Project awarded for Research Display at the Convocation Ceremony of University of Delhi, Titled as SHC 315 “Inventory and prospect of water conservation in western Rajasthan”.**

### **National Award**

- **President Award by Shree A.P.J. Abdul Kalam ( President of India) in Bharat Scouts and Guide, 2003.**

### **Memberships**

- **Member of Association of Geographical Society (AGS)**
- **Member of Eco-club in Shivaji College, University of Delhi.2016-2018.**
- **Member of Discipline Committee in Shivaji College, University of Delhi- 2016-18**
- **Member of Cultural Committee in Shivaji College, University of Delhi- 2017-18.**
- **Member of National Service Scheme Committee in Shivaji College, University of Delhi- 2018-19.**
- **Member of Women Development Cell Committee in Shivaji College, University of Delhi- 2018-19.**

### **Other Academic Activities**

### **COMPUTER AWARENESS**

- **Certificate of Attending computer Basics and Internet from Arena Multimedia Computer education, Ajmer.**
- **Certificate of Attending computer fundamentals, MS Office and Internet from ZED Career Academy, Ajmer.**

### **Cultural/Extracurricular Activities**

- **Runner up in Badminton District Level Tournament, Organized by District Sports Authority of Ajmer, 2002.**
- **Runner up in Badminton District Level Tournament, Organized by District Sports Authority of Ajmer, 2004.**
- **Runner up in Athletics (200m) District Level Tournament, Organized by District Sports Authority of Ajmer, 2003.**
- **Winner in Badminton (Men's Doubles and Mixed Doubles) organized by CSRD FEST- SAMAGAM-2010, JNU.**
- **Winner in Badminton (Men's Doubles) organized by CSRD FEST- UTSAV-2011, JNU.**
- **Winner in Athletics (400m) organized by K.D Jain Public School, Kishangarh.**
- **Winner and Second Runner-up in Athletics and Tag of war in Sports day of Shivaji College, University of Delhi.**
- **Second Prize in Slogan Writing Competition held at Bhagat Singh College, University of Delhi, 2008.**
- **Runner-up in Mega Unique Quiz organized by Bhartiya Lions Parisangh Ajmer.**
- **First in 'Bhartiya Sanskriti Gyan Pariksha-2001, organized by International Gayatri Pariwar, Haridwar.**
- **Third prize in Rajasthan technical Education Institution, Jaipur.**
- **Application Certificate by All India Gandhi General Knowledge Competition 2001.**
- **Certificate of NTSC by Central Institute of General Knowledge Learning.**

**Signature of Faculty Member**

