




## Shivaji College Faculty Details Proforma

<b>Title</b>	<b>DR.</b>	<b>First Name</b>	<b>TEJBIR SINGH</b>	<b>Last Name</b>	<b>RANA</b>	<b>Photograph</b>
<b>Designation</b>	<b>ASSOCIATE PROFESSOR OF GEOGRAPHY</b>					
<b>Address</b>	<b>C-403, VENUS APARTMENT, SAINIK VIHAR, PITAM PURA, DELHI 110034</b>					
<b>Office Phone No.</b>	<b>011 2519 1458, 011 2544 6484</b>					
<b>Residence</b>	<b>9818312789</b>					
<b>Mobile</b>	<b>9818312789</b>					
<b>Email</b>	<a href="mailto:ranatejbir@shivaji.du.ac.in">ranatejbir@shivaji.du.ac.in</a> ; <a href="mailto:ranatejbir@gmail.com">ranatejbir@gmail.com</a> ;					
<b>Web-Page</b>	<a href="https://www.youtube.com/channel/UC5SMjdGxCyD1Rq7yaA7bjTA">https://www.youtube.com/channel/UC5SMjdGxCyD1Rq7yaA7bjTA</a> ;					
<b>Educational Qualifications</b>	<b>Ph.D., M.Phil, B.Ed.</b>					
<b>Degree</b>	<b>University/Institute</b>				<b>Year</b>	
<b>Ph.D.</b>	DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF DELHI				<b>2000</b>	
<b>M.Phil.</b>	DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF DELHI				<b>1990</b>	
<b>PG</b>	DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF DELHI				<b>1987</b>	
<b>UG</b>	KIRORI MAL COLLEGE, UNIVERSITY OF DELHI				<b>1984</b>	
<b>Any Other Qualification, B.Ed.</b>	CENTRAL INSTITUTE OF EDUCATION, UNIVERSITY OF DELHI				<b>1985</b>	
<b>NET</b>	NATIONAL ELIGIBILITY TEST : JOINT CSIR-UGC TEST, Eligibility for Lectureship in Earth, Atmosphere, Ocean Sciences				<b>1989</b>	
<b>Career Profile</b>						

**DEPARTMENT OF GEOGRAPHY, SHIVAJI COLLEGE, UNIVERSITY OF DELHI : AUG. 1990 - PRESENT**

- **ASSOCIATE PROFESSOR (READER) : JANUARY 2000 - PRESENT**
- **SENIOR LECTURER : AUGUST 1997 - JANUARY 2000.**
- **LECTURER : AUGUST 1990 - AUGUST 1997.**

**TOTAL TEACHING EXPERIENCE: 27 YEARS +**

**Administrative Assignments**

- **BURSAR- TWO TIMES (In-charge of College Accounts as Bursar of Shivaji College)**

**A. 2006-2007**

**B. 2013-2014**

- **NAAC – IQAC Co-ordinator of Shivaji College. (2015-2016) and college got “A” Accreditation.**

- **COLLEGE EXAMINATION SUPERINTENDENT - THREE TIMES**

**A. 1993**

**B. 1994**

**C. 2016**

- **TEACHER IN-CHARGE (DEPARTMENT OF GEOGRAPHY) – SIX TIMES ON ANNUAL BASIS**
- **COLLEGE GOVERNING BODY MEMBER (JULY 2000 TO JULY 2001): TEACHER REPRESENTATIVE**
- **COLLEGE BUILDING COMMITTEE MEMBER : Appointed by Governing Body and worked as nodal officer of the proposed college building :TEN YEARS**
- **CONVENER : ANTI-RAGGING COMMITTEE- 2016-2018.**
- **ACADEMIC COMMITTEE MEMBER - SIX YEARS**
- **CONVENER ACADEMIC SUPERVISORY COMMITTEE - TWO YEARS**
- **CONVENER DISCIPLINE COMMITTEE : TWO YEARS**  
**MEMBER : TWELVE YEARS**
- **DEVELOPMENT COMMITTEE MEMBER : FOUR YEARS**
- **CONVENER GENERAL PURCHASE COMMITTEE : TWO YEARS**  
**MEMBER : EIGHT YEARS**
- **STUDENTS ADVISORY COMMITTEE MEMBER : SIX YEARS**
- **CONVENER SPORTS COMMITTEE : TWO YEARS**  
**MEMBER : EIGHT YEARS**
- **TIME TABLE COMMITTEE MEMBER : TWO YEARS**
- **GARDEN COMMITTEE MEMBER : FOUR YEARS**

**PROFESSIONAL CONSULTANCY:**

- EXAMINER AND MODERATION COMMITTEE MEMBER FOR RECRUITMENT OF TEACHERS : TENYEARS, Ed. CIL - HRD, Ministry of Education.
- SYLLABUS RESTRUCTURING COMMITTEE MEMBER, ICSE Board
- GEOGRAPHY BOOK RESTRUCTURING COMMITTEE MEMBER, (VIITH CLASS), NCERT
- CBSEEXAM SUPERVISOR :EIGHTYEARS
- TEACHER SELECTION COMMITTEE MEMBER, DAV Schools, Delhi.
- GOVERNING BODY MEMBER, Jawahar Navodya Vidhyalaya, Mungeshpur, Delhi.
- TRUSTEE, Vikas Bharti Public School, Rohini, Delhi.
- MANAGING COMMITTEE MEMBER, Prateek School for Physically Challenged, Nangloi, Delhi.
- INFRASTRUCTURE DEVELOPMENT COMMITTEE MEMBER: JRN Rajasthan Vidhyapeeth University, Udaipur.

#### **Areas of Interest/Specialisation**

- **ESTABLISHED A UNIQUE MUSEUM OF GEOGRAPHICAL HERITAGE IN DELHI**
- **TEACHING DEVELOPMENT AND ENVIRONMENT CRISIS ALONG WITH POPULATION – DYNAMICS AND HABITAT BASED SUSTAINABILITY.**
- **REGIONAL PLANNING, URBAN AND POPULATION GEOGRAPHY**
- **RESOURCE, DEVELOPMENT AND SUSTAINABILITY IN CONTEMPORARY PERSPECTIVE**

#### **Subjects Taught**

- **GEOGRAPHY OF INDIA**
- **GEOGRAPHY OF POPULATION**
- **REGIONAL PLANNING**
- **HUMAN GEOGRAPHY**
- **CARTOGRAPHIC TECHNIQUES**
- **PHYSICAL GEOGRAPHY**

- **ECONOMIC GEOGRAPHY**
- **SETTLEMENT GEOGRAPHY**
- **DISASTER MANAGEMENT**
- **LONG EXCURSION – FIELD BASED STUDY**

### **Innovation Project/Research Projects (Major Grants/Research Collaboration)**

#### **INNOVATION PROJECT**

1. **‘WATER HARVESTING TECHNIQUES FOR DEVELOPMENT OF NAGOUR DISTRICT.’** PRINCIPAL INVESTIGATOR OF INNOVATION PROJECT FUNDED BY UNIVERSITY OF DELHI  
2013-2015. MAJOR PROJECT.
2. **‘INVENTORY AND PROSPECT OF WATER CONSERVATION IN WESTERN RAJASTHAN.’** PRINCIPAL INVESTIGATOR OF INNOVATION PROJECT FUNDED BY UNIVERSITY OF DELHI  
2015-2016. MAJOR PROJECT.

#### **CSR PROJECTS AND EVALUATION :**

1. Establishment of 5 no. New Women Empowerment Centre, U.P. of SEWA, THDC (Tehri Hydro Development Corporation), Rishikesh, Above Rs. 2 lakh.
2. Plantation at Pratapnagar Block, district Tehri, Uttarakhand of SEWA, THDC (Tehri Hydro Development Corporation), Rishikesh, Above Rs. 2 lakh.
3. Upkeep of 1 No. of Natural Water Body at Mahmandipur, Sultanpur District, U.P. (2012) of SEWA, THDC (Tehri Hydro Development Corporation), Rishikesh, Uttarakhand, Above 2 lakh
4. Empowerment and Enhancement of Livelihood of 30 Rim Area Villages at Tehri through Integrated Development. (2012) of SEWA, THDC (Tehri Hydro Development Corporation), Uttarakhand, Above Rs. 2 lakh.
5. Sustainable Development of upkeep of 5 Nos. of Natural Water bodies at Hazratpur, Barabanki district of U.P. (2012) of SEWA, THDC (Tehri Hydro Development Corporation) Above Rs. 2 lakh.
6. Plantation work for sustainable development in district Sultanpur, Lucknow and Barabanki of U.P. of SEWA, THDC (Tehri Hydro Development Corporation) Above Rs. 2 lakh
7. Empowerment and Enhancement of Livelihood of 30 Rim Area Villages at Tehri through Integrated Development. (2013) of SEWA, THDC (Tehri Hydro Development Corporation) Above Rs. 2 lakh.
8. Plantation of Saplings in the Rim Area at Tehri of SEWA, THDC (Tehri Hydro Development Corporation) Above Rs. 2 lakh.
9. Slope stabilization of Kooper Gad and Bhengi Gad in Pratapnagar block, Tehri of SEWA, THDC (Tehri Hydro Development Corporation) Above Rs. 2 lakh

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

### E-CLASSES:

e-classes on [www.youtube.com](http://www.youtube.com): More than 200+ e-classes are uploaded on the topic Geography of India, Physical Geography (Geomorphology, Climatology and Oceanography) and Human Geography. (In public domain).

Link: <http://m.youtube.com/channel/UC5SMjdGxCvD1Rq7vaA7bjTA>.

### PUBLICATIONS:

#### ▪ BOOKS:

1. Environmental Implication of Farm Land Diversification (1991), Rajat Publication, Delhi.
2. Geography of India in Brief (2005), V.P.G. Publication, Delhi.
3. Environment and Disaster (2015), Khan Study Group, Delhi. ISBN: 978-81-931477-8-8
4. Geography (2015), Khan Study Group, Delhi. ISBN: 978-81-931477-2-6
5. World Geography (2015), Khan Study Group, Delhi. ISBN: 978-81-931477-1-9
6. Translated book in Hindi (Geography of India in brief: *Bharat ka Bhugol*). (2005), VPG Book Pvt. Ltd. New Delhi. ISBN: 81-89522-02-7

#### ▪ PAPER:

1. *WATER MANAGEMENT IN WESTERN RAJASTHAN, DU Journal of Undergraduate Research and Innovation. Volume 2 Issue 2, Page 165-171, Oct. 2016, ISSN: 2395-2334.*
2. *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.*
3. *GENERIC URBANISATION: DELHI'S REALITY, Geography and You, Sustainable Future, 2016, Volume 15 Iss.94, pp-21-25, ISSN: 2347-884-5.*
4. *GEOGRAPHICAL DIMENSIONS OF FARMLAND ALTERATION, In Pandey, B.W. (Ed.) Environmental Resource Management, Concept Publication, New Delhi, pp.239-246.*
5. *PERSPECTIVES OF WOMEN HEALTH HAZARDS IN URBANIZED VILLAGES OF DELHI, In Nijhawan, S. et. al (Ed.) Empowering Women: The Indian socio-cultural scenario published by Pragnan publication, 2014, pp. 82-91.*
6. *SAGA OF WOMEN CRUSADER FOR WOMAN EMANCIPATION, in Nijhawan, S. et. al. (Ed.) Sansrishti, published by Shivaji college, 2015. 3*
7. *FLUORIDE TOXICITY OF GROUND WATER IN MAKRANA TEHSIL, NAGPUR DISTRICT, RAJASTHAN, DU Journal of Undergraduate Research and Innovation. Volume 1 Issue 2, 2 May 2015, Page 386-394. ISSN: 2395-2334.*

8. **GEOGRAPHICAL DIMENSION OF DYNAMIC FRINGE HABITAT**, in Patra P., (Ed.) *Fringe Dynamism in Delhi Metropolitan City*, Globe Publishing House, Ghaziabad, U.P., (2011), pp. 111-118.
9. **CHANGING LANDSCAPE OF RURAL-URBAN FRINGE OF DELHI: A PROCEDURAL ENQUIRY OF ALIPUR BLOCK, DELHI**. ISSN No. 2454-2326 (pp. 79-86) *North Asian Research Journal*, Vol. 1, Issue 4 Sept 2015.

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

#### **SEMINARS:**

1. **INDIAN SOCIAL SCIENCE CONGRESS** (March, 13-18, 1999) Gandhi Gram University, Dindigul, Tamilnadu.
  - Presented Paper: *“Forces and Consequences of Farmland Diversification in Rural Urban Fringe”*.
  - Presided one Technical Session.
2. **MEGA CITIES FRINGE DYNAMISM** at Aditi Maha Vidyalaya, Department of Geography, Delhi University
  - Presented Paper: *“Forces and Process of Farmland Alteration in Rural Delhi”*.
  - Presided over Valedictory Session.
3. **INTERNATIONAL SEMINAR ON SCIENCE, SPIRITUALITY AND HUMANITY: TRANSCENDING DISCIPLINE BARRIERS, ORGANISED BY SHIVAJI COLLEGE, UNIVERSITY OF DELHI. DATED 17-19, FEBRUARY , 2011.**
  - Presented Paper: *“HARVESTING THE YAMUNA FLOOD WATER IN DELHI.”*
4. **INTERNATIONAL CONFERENCE ON EMPOWERMENT OF WOMEN IN THE DEVELOPING WORLD, organised by WDC, shivaji college, university of delhi. dated: april, 1-2, 2013.**
  - Presented Paper: *“DIMENSION OF SEGREGATED WOMEN- FOLK OF URBANISED VILLAGES IN DELHI.”*
5. **NATIONAL CONFERENCE ON “SMART CITIES- CHALLENGES AND VISION AHEAD”, organised by shaheed bhagat singh college, university of delhi. dated: april, 6, 2015.**
  - Presented Paper : *“POPULATION SIZE AND AMENITIES FOR SMART CITIES, a study of 2001 and 2011 census of Uttar Pradesh.*
6. **ATTENDED THE INTERNATIONAL CONFERENCE ON “RE ORIENTING GENDER: GEOGRAPHIES OF RESISTANCE, AGENCY, VIOLENCE AND DESIRE IN ASIA” ON 19TH NOVEMBER, 2014, ORGANIZED BY DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF DELHI.**
7. **NATIONAL SEMINAR ON ENVIRONMENT AND RESOURCE & URBAN AND REGIONAL PLANNING – UGC –SAP-DRS-III In The Department Of Geography University Of Delhi On 21-3-2015.**
  - Presented Paper : *Changing Landscape Of Rural Urban Fringe Of Delhi: A Procedural Enquiry Of Alipur Block, Delhi.*
8. **9TH INTERNATIONAL CONFERENCE OF INTERNATIONAL GEOGRAPHICAL UNION (IGU) AT SBS COLLEGE, UNIVERSITY OF DELHI FROM 18-20, MARCH, 2016.**
  - Presented Paper : *“GOVERNANCE OF LANDUSE CHANGE AND THE POTENTIAL OF*

**DISASTERS : A CASE STUDY OF ALIPUR BLOCK, DELHI.**

- **Co-chaired : A TECHNICAL SESSION ON RESOURCE CONSERVATION AND MANAGEMENT.**

**9. SUSTAINABLE DEVELOPMENT IN AGRICULTURE AND ENVIRONMENT GOVT. COLLEGE FOR WOMEN. ROHTAK, 2017-02-09**

- **Presented Paper: COMMERCIALIZATION OF FARMLANDS AND ENVIRONMENTAL HAZARD OF BIKANER DISTRICT, RAJASTHAN.**

**10. MAKING CITIE RESILIENT POST HABITAT 3 S.B.S. COLLEGE (DELHI UNIVERSITY) NEW DELHI NATIONAL 2017-03-02**

- **Presented Paper: HUMAN RESPONSE TO SUSTAINABLE TRANSPORT SYSTEM IN DELHI.**

**SPECIAL INVITED LECTURES :**

- Dibrugarh University, Assam : Entry into Services : 16-09 -2014 to 18-09-2014 : 9 lectures
- Department of Geography, Dibrugarh University, Assam : 17-09-2014 : 2 lectures
- Dibrugarh University, Assam : Entry into Services : 28- 01-2015 to 30-01-2015. : 11 lectures
- Dibrugarh University, Assam : Entry into Services : 09- 09-2015 to 11-09-2015. : 11 lectures
- JRN Rajasthan Vidhyapeeth University, Udaipur : Preparation of IQAC and NAAC: 11-01- 2015 to 12-01-2015. : 3 lectures
- JRN Rajasthan Vidhyapeeth University, Udaipur : Preparation of IQAC and NAAC: 10-03- 2015 to 12-03-2015. : 3 lectures
- JRN Rajasthan Vidhyapeeth University, Udaipur : Preparation of IQAC and NAAC: 22-11- 2016 to 23-11-2016. : 3 lectures

**REFRESHER'S COURSE:**

- Post Modernism (2003) Grade - 'A'
  - UGC, Academic Staff College, Jamia Milia Islamia, New Delhi
- GIS and Remote Sensing (2005) Grade - 'A'
  - UGC, Academic Staff College, Jamia Milia Islamia, New Delhi

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

- **PH.D RESEARCH SUPERVISOR**, DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF DELHI, ON “EXPLORING SOCIAL FABRIC FOR SUSTAINABLE DEVELOPMENT IN ALIGARH, U.P. (DEGREE AWARDED)
- SUPERVISED M. A. DISSERTATION : ENVIRONMENTAL SCIENCE, UNIVERSITY OF DELHI, ON FLOOD WATER HARVESTING TECHNIQUES IN JHAJJAR DISTRICT, HARYANA.
- **PH. D EXAMINER**, DEPARTMENT OF GEOGRAPHY, JRN RAJASTHAN VIDHYAPEETH UNIVERSITY, UDAIPUR.

### Awards and Distinctions

- **Meritorious Teacher Award** by Govt. of NCT Delhi, 2017 - 18 alongwith **Rs. One Lac reward**
- **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 Award**for Innovation Project SHC-204 Rain water Harvesting Techniques for Development in Nagaur District, Rajasthan,in Antardhwani, University of Delhi, 2015.
- **Research DisplayAward**for Innovation Project “Inventory and prospect of water conservation in western Rajasthan” SHC 315 at the Convocation Ceremony of University of Delhi, 2017.
- **Rashtriya Gaurav Award** by India International Friendship Society, 2010.
- **Best Teacher Award** by Lions Club, Delhi – 2015.
- **Best in Sports Award** by CIE, Delhi University, 1985.

### Memberships

- **FOUNDER PRESIDENT OF FRINGE HABITAT INDIA** - Fringe Habitat India is committed towards creating awareness in Rural - Urban Fringe of Delhi about land use changes and consequences of its degradation.
- **FOUNDER AND TREASURER OF ENVIRONMENTAL MONITORING SOCIETY AT UNIVERSITY OF DELHI.**
- **LIFE MEMBER OF ASSOCIATION FOR GEOGRAPHICAL SOCIETY (A.G.S. ) AT UNIVERSITY OF DELHI. WORKED AS TREASURER FOR 2 YEARS AND SECRETARY FOR 4 YEARS.**
- **LIFE MEMBER OF NATIONAL ASSOCIATION OF GEOGRAPHER’S INDIA (NAGI).**

### Other Academic Activities



## **FIELD WORK SUPERVISION:**

### **LONG FIELD EXCURSIONS - 19 TRIPS**

Conducted and supervised exhaustive and comprehensive learning in all Geographical issues through Nation wide Excursions and Field Visits conducted with undergraduate Geography Students as part of their academic curriculum. 8

1. **1991** - Sariska (Tiger Project) Alwar, Bharatpur. Study of two wildlife sanctuaries.
2. **1993** - Chennai, Ooty- Mysore study of Peninsular Relief.
3. **1994** - Vasco-Panjim –Goa – Study of Coastal Relief and Tourism.
4. **1997** - Udaipur Mount Abu – Socio Economic study.
5. **1999** - Mandleshwar-mandu – study of Narmada valley project.
6. **2000** - Parasia- Panhmarhi – study of Coal- Mining and Environment.
7. **2001** - Gangtok – Darjeeling – Siliguri – study of mountain Habitat.
8. **2002** - Jabalpur- Bilaspur-Vizag – Comparative study of rift valley, plain and coastal Features.
9. **2003** - Jodhpur- Jaisalmer-Mount Abu – Study of implication of Indira Gandhi Canal on desert.
10. **2006** - Manali- Manikaran study of Himalayan Morphology and Habitat.
11. **2007** - Anand- Khambat-Goa study of dairy Farming and Coastal Topography.
12. **2009** - Shiroda-Mangeshi- Sindhudurg, Maharashtra – Study of Environment and Habitat of Western Ghat.
13. **2011** - Karwar-Palolim – study of Displaced Farmers due to Naval base in Karnataka.
14. **2012** - Satari-Sanquilim – Goastudy of implications of ban on iron ore mining.
15. **2014** - Mandleshwar- Mandu- Ujjain – Comparative study of Narmada submersed area rehabilitation and Bhil tribal habitat of Malwa Plateau.
16. **2015** - Environmental study of Sariska National Park and Fetehpur Sikri.
17. **2016** - Panajim –Vasco-National Centre for Ocean and Antarctic Research.
18. **2017** - Amarkantak -Jabalpur, study of Maikal Plateau and its environment.
19. **2018** – Diu and Somnath, Gujarat : Socio Economic study of coastal habitat.

### **LOCAL EXCURSIONS – 12 TRIPS**

- Conducted and supervised several local excursions in several fringe villages around Delhi to study the socio-economic life and impact of urban proximity. This study is conducted for B.A. (Hons) Geography students as part of their academic curriculum.
- 2018 – Yamuna Flood Disaster study area visit to Behlolpur, Sonipat, Haryana with 48 students.
- 2018 – Industrial Fire Disaster study area visit to Sultanpuri Delhi with 40 students.

### **Cultural/ Extracurricular Activities**

- **PRESIDENT**, Jatav Cooperative Group Housing Society (Venus Apartments) for the **past 8 years**. Executed several successful projects on Safety, Tree Plantations (over 500), Parks Creation, Accounting Transparency etc
- **GENERAL SECRETARY**, Jatav Cooperative Group Housing Society (Venus Apartments)
  - Supervised construction of 108 HIG and MIG residential complex with high end amenities.
- **ENVIRONMENTAL CAMPAIGNS**: Conducted Environmental Awareness Seminars and Workshops in at least 15 villages of rural Delhi.
- **KAILASH MANSORAVAR YATRA** – Trekked Himalayas via Dharchula – Lipu Lekh Pass – 2012.
- **SPORTS**: Won Best in Physical Education Prize of the year (1984-85) at CIE, University of Delhi.
- **NSS**: Volunteer Member of K.M. College NSS for 3 years and organized several social service camps, tree plantation and traffic Control Program for Delhi Traffic Police (1981 – 1984).
- **NCC**: Active member of NCC at K. M. College, Attended NCC Camp at Shimla and PM Rally at Delhi.
- **BHARAT SCOUT** : Participated in a training camp at Haridwar Kumbh (1976) with First Aid Training.



**Signature of Faculty Member**