



### **Dr. Virendra Nagarale**

Professor and Head

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### **EDUCATION**

- Ph.D., Geography (Geomorphology) from North Maharashtra University Jalgaon in 2008
- M.Sc. Geography (Geomorphology) University of Pune, Pune, 1995
- LLB (Bachelor of Law) University of Pune, Pune, 2012
- PGDCL (Post Graduate Diploma in Cyber Law), Bharati Vidyapeeth, Pune

### **HIGHLIGHTS OF PROFESSIONAL CAREER**

- Successfully completed One Orientation Course and Three Refresher courses from Academic Staff College.
- NNRMS- RS & GIS Application in Water Resources, National Water Academy Khadakwasla, Pune (M.S.)
- NNRMS- RS & GIS Application in Cartography & Mapping, Indian Institute of Remote Sensing, Dehradun (U.A.)
- DST Sponsor One Week workshop Cyber Law and Cyber Securities, IIPA New Delhi
- One Week ICT In Higher Education S.N.D.T. Women's University Mumbai, in collaboration with Commonwealth of Learning

### **ACADEMIC HONORS AND AWARDS**

- Recipient, '**Best Teacher Award 2011**' by Pune Municipal Corporation (PMC) Pune

### **ACADEMIC /TEACHING EXPERIENCE**

- **Professor**, Department of Geography, S.N.D.T. Women's University, Pune Campus from 2013
- **Associate Professor**, Department of Geography, S.N.D.T. Women's University, Pune Campus from 2010 to 2013
- **Reader**, Department of Geography, S.N.D.T. Women's University, Pune Campus from 2008 to 2010
- **Senior Lecturer**, Department of Geography, S.N.D.T. Women's University, Pune Campus from 2001 to 2008
- **Lecturer** Department of Geography, S.N.D.T. Women's University, Pune Campus from 1999 to 2001. Arts, Commerce and Science College Pusegaon, Satara and H.R.Mahavidyalaya Rajgurunagar, Dist Pune 1996 to 1999.

## HIGHLIGHTS OF PROFESSIONAL DEVELOPMENT

- Chairperson, B.O.S. in Geography, SNDT Women's University, 2010 to 2015
- Management Council Member, SNDT Women's University, 2010 to 2015
- SENATE Member, SNDT Women's University, 2005 to 2015
- Academic Council Member, SNDT Women's University, 2010 to 2015
- Grievances Committee, Member, SNDT Women's University, 2010 to 2015
- Faculty of Social Science, Member SNDT Women's University, 2005 to 2015
- Chairperson, Standing Committee, SNDT Women's University, 2005 to 2010
- Member, RRC (Research and Recognition Committee) SNDT Women's University, 2008 to 2015
- BUTR Member, SNDT Women's University, 2008 to 2015
- B.O.S. in Geography Member, Pune University, Pune 2010 to 2015
- Member, RRC, North Maharashtra University, Jalgaon 2014 to 2015
- B.O.S. in Geography Member, Mumbai University, Mumbai 2016 to 2017
- IQAC, Member, SNDT Women's University. 2015 to 2017

## International Visits and PRESENTATIONS

**Vienna (Austria)** Presented research paper 'Groundwater Potential Zonation' in EGU (European Geosciences Union) 2010, May, 2 to 7, 2010 Vienna (Austria).

**Los Angeles (USA)** Presented research Paper "Groundwater Regionalization in The Gunjawani Basin, Pune, India" in Annual Meeting of Association of American Geographers (AAG), USA. April 6 -13, 2013.

**Paris (France)** Presented research paper "Flood Risk Management- A Case Study of Savitri River Basin, Maharashtra (India)" in 8th IAG International Conference on Geomorphology, Paris, from August 27-31, 2013.

**Krakow (Poland)** Presented research paper "Monitoring Urban Landuse Changes by Geoinformatic, A Case study of PCMC (Pune, Maharashtra, India) at IGU 2014(International Geographers Union), organized by the Jagiellonian University, Krakow, Poland, from August 18 – 12, 2014.

**London (UK)** Visited Royal British Geographers Society (with IBG) to discuss research issues related to women's Geographical status. Meeting with research head Dr. Catherine on 22 August 2014.

**Beijing (China)** Presented research paper 'Identification Of Groundwater Scarcity Zones In The Karha River Basin With The Help Of Groundwater Fluctuation' at 33rd International Geographical Congress (IGC2016) August 21-25, 2016, Beijing, China

**Hiroshima (Japan)** Participated in the International Seminar of Geography between Hiroshima University and University of Delhi 'Promoting Economic Geography Studies on "Inclusive Growth" in Contemporary India'. Presented paper on 'Women's Enrolment in Education: A Study of Inclusive Growth in India' at Graduate School of Letters, Hiroshima University, Hiroshima, December 23 – 26 December 2016.

## PROFESSIONAL AFFILIATIONS

- Executive Member Institute of Indian Geographers (IIG) 2011 to 2013
- Executive Member The Deccan Geographical Society (DGS) 2012 to 2015
- Executive Member Indian Institute of Geomorphologists (IGI) 2013 to 2015
- Executive Member Maharashtra Bhugolshastra Parishad (MBP) 2015 to 2020

- Joint-Secretary, SNTD Women's University Teacher Union. 2005 to 2010
- Executive Member, MFUCTO. 2008 to 2012
- Life Member, The Deccan Geographical Society (DGS)
- Life Member, Institute of Indian Geographers (IIG)
- Life Member, Indian Society of Remote Sensing (ISRS)
- Life Member, Indian Institute of Geomorphologists (IGI)
- Life Member, Maharashtra Bhugolshastra Parishad (MBP)
- Life Member, National Association of Geographical India (NAGI)

### **PROFESSIONAL DEVELOPMENT: ACTIVITIES CONDUCTED**

- Organized two days' workshop on 'Research Methods in Geography' 3-4 March 2009 at PGSR, Dept. of Geography, S. N. D. T. Women's University, Pune Campus, Pune.
- Organized two days State Level Seminar on 'Recent Trends in Geographic Research' 26-27 March, 2010 at PGSR, Dept. of Geography, S. N. D. T. Women's University, Pune Campus, and Pune.
- Jointly organized workshop with KAVERI's Shamrao Kalmadi High School, Pune for school teachers on 'Global Warming' in the month of January 2010.
- Organized one week National Level Workshop on 'Application of Quantitative Techniques in Geographic Research' 5-10 March, 2012 at PGSR, Dept. of Geography, S. N. D. T. Women's University, Pune Campus, and Pune.
- Co-ordinated Eight EDUSAT Outreach Programme sponsored by ISRO and organized by IIRS, Dehradun (August 2013 to March 2017)
- Organized Eighth India International Geographical Union (IGU) Landuse, Water, Climate and Urban Health in Changing Urban Environments (4<sup>th</sup> to 6<sup>th</sup> November 2015) as a Convener of the conference

### **RESEARCH**

#### **PROJECT CARRIED OUT**

- Minor Research Project, Site Suitability for Tourism Development with the help of GIS, A case Study of Pune Dist. Maharashtra funded by U.G.C. New Delhi 2005 to 2006
- Major Research Project, Groundwater Zonation by using landform characteristics in Karha River Basin, Pune District, MS. Maharashtra funded by U.G.C. New Delhi 2013 to 2017

#### **GUIDANCE:**

- Seven Ph.D. and Fourteen M. Phil. students guided successfully.
- More than thirty Post Graduates projects and Dissertation guided.
- Five Ph.D. students working at present.

#### **PUBLICATIONS:**

Two books and forty research article published in journals, proceedings and edited books.

#### **Important research articles**

- Published a book titled A GIS Approach for Tourism Development Pune District, Maharashtra (ISBN: 978-3846518205) LAP LAMBERT Academic Publishing GmbH & Co. LAP LAMBERT Academic Publishing GmbH & Co. KG, Dudweiler Landstrasse 99, 66123 Saarbrücken, Germany.
- Book titled 'Physical Geography' ISBN: 978-93-81778-27-2 by Associated Publishing House, Agra (U.P).

- **V. R. Nagarale** & Vishwas Kale, "Lithological control on the channel Morphology of upper Tapi River Madhya Pradesh." Indian Journal of Geomorphology, Vol. 2 No.2, (July-Dec) 1997, Pp 159-167,
- Patil Subhash & **V. R. Nagarale**, Published an article entitled, 'Status of Women in Rural Development' in YASHADA - YASHMANTHAN (Govt. of Maharashtra), Quarterly, Oct-Dec. 2003.
- Prashant Magar, **V. R. Nagarale** & Nirupama Mishra, "Piedmont Plain-A Geomorphic overview of Satpura Piedmont in Western Vidarbha Maharashtra." Indian Journal of Geomorphology, Vol. 10 No.1 & 2, 2005, Pp 37-42.
- **V. R. Nagarale** & Prashant Magar, "Hydrogeomorphic analysis and study of groundwater exploration in the Shivganga drainage basin with the help of GIS." Maharashtra Bhugolshastra Patrika Volume XX ( I ) Jan – Jun 2006, Pp. 20 – 25
- Prashant Magar, **V. R. Nagarale** & Nirupama Mishra, "Geomorphic Analysis of Akot Alluvial fan, Western Vidarbha Maharashtra." Indian Journal of Geomorphology, Vol. 11 & 12 No.1 & 2, 2006-07, Pp 1-8.
- Harpale D. V., **V. R. Nagarale** & Deore S. "T.I.S. and site suitability of New Tourist Centers in Pune District". Maharashtra Bhugolshastra Patrika Volume XXVIII (I) Jan – Jun 2011, Pp. 113 –117
- Bhailume S. & **V. R. Nagarale**, 'A Geographical study of civic amenities in PMC area using GIS Techniques' Indian Streams Research Journal, Vol. I, Issue - IV, July 2011, Pp. 187-191.
- Prashant Magar & **V. R. Nagarale**, "Creation of Health Information System with the help of GIS: case Study" Pune Maharashtra' in 'The Research Journal of Social Science Jalgaon M.S.' International Peer-reviewed and refereed Journal, Vol II, Issue 8, Oct. 2011, Pp. 41-52.
- **V. R. Nagarale** & Ratnprabha Jadhav, "Changing Landuse Pattern: A case study of Khed Tahsil, Pune District, Maharashtra State" Golden Research Thought Vol I, Issue IX, March 2012 Pp. 1-4
- **V. R. Nagarale** & Harpale D. V., "Tourist Information System (TIS) for the sustainable development and planning of Pune District", in the 'Environmental Climate Change and sustainable development' Book (2012) Edited by Dr. Vinita Katiyar and Dr. S. K. Verma, Radha Publications, New Delhi. Pp. 406 - 414
- **V. R. Nagarale** & Harpale D. V., "An assessment of Environment Impact on Bhimashankar and Lonavala with help of Likert Scale Transactions (Journal of the Institute of Indian Geographers) Vol. 34, No. 1 winter 2012 Pp, 127-136
- **Virendra Nagarale** & **Ratnprabha Jadhav** 'Population Growth, Urbanization and Landuse Pattern in Khed Tahsil of Pune District, Maharashtra The Goa geographer Vol.VIII,No.1, Dec.2011, Pp. 41-48
- **V. R. Nagarale** and et.al (2011) 'Urban Sprawl and Utility Planning of Pune City- RS & GIS Approach'. Indian Geographical Quest, Vol. I, 2011-12
- **Virendra Nagarale** & **Anushree Kadam** 'Application of RS/GIS Technique for Change Detection (2001-2009) : A case study of PCMC Urban Landuse, Pune' The Goa geographer. Vol. IX, No.1, 2012,Pp. 108-112.
- **V. R. Nagarale** & Priyadarshani More, 'Trends of Paleofloods in River Savitri (During 2001-2008)' Maharashtra Bhugolshastra Patrika Volume XXX (I) Jan-July 2013, Pp 100-106.
- **V. R. Nagarale** & Pravin Gaikwad, 'Sub Basin Prioritisation of Karha River Drainage Basin' Maharashtra Bhugolshastra Patrika Volume XXXII (I) Jan-June 2015, Pp 27-36.

- **V. R. Nagarale** & Dipali Waykar, 'A Geographical Analysis of Population Growth and Characteristics in Pune Municipal Corporation (2001-2011)' Maharashtra Bhugolshastra Patrika Volume XXXII(I) Jan-June 2015 Pp 57-65.
- **V. R. Nagarale** & Nilam sawant, ' A Geographical Study of Changing Landuse pattern in Ratnagiri Tahsil: An Impact of Konkan Railway (1991-2001)' Maharashtra Bhugolshastra Patrika Volume XXXII(I) Jan-June 2015, Pp 66-71.
- **V. R. Nagarale** 'Women's Enrolment in Education: A Study of Inclusive Growth in India' proceedings of International Seminar of Geography between Hiroshima University and University of Delhi 'Promoting Economic Geography Studies on "Inclusive Growth" in Contemporary India'. Pre paper on at Graduate School of Letters, Hiroshima University, Hiroshima, December 23 – 26 December 2016.

- **PARTICIPATION:**

**CONFERENCES, SEMINAR, WORKSHOP AND RESOURCE PERSON**

Presented research paper more than twenty five International, national and State level conferences and seminar in India. Chaired sessions in various conferences and workshops. Evaluated more than fifteen PhD thesis. Invited frequently to guide PhD, M.Phil. and PG students for research and Academic issues. Delivered special lectures for Orientation, Refresher, faculty development programmes for college and University faculties. Work as a VC Nominee, Expert for various selection committees for University Registrar, Finance Officer, Principals and Professors in the University departments and colleges.