



Dr. Sachin J. Deore

Professor

Department of Geography, SNTD Women's University
Karve Road PUNE (INDIA) 411038

Contact: Mobile- +919423024393 off: +912025430498

Email: sachindeore@geographypune.sndt.ac.in

EDUCATION

- Ph.D., Geography (Soil Erosion Modelling) from University of Pune, Pune in 2006
- M.Sc. Geography (Climatology) University of Pune, Pune, 1994
- LL.B. (Bachelor of Law) University of Pune, Pune, 2013

HIGHLIGHTS OF PROFESSIONAL CAREER

- Completed Ph. D. on **Watershed Management** in general and **Soil Erosion Modeling** in particular.
- Experience as a 'Junior Field Assistant' in a project titled '**National Ambient Air Quality Monitoring**' sponsored by CPCB, at School of Environmental Sciences, UoP.
- Undergone basic training to operate geodetic receivers at Indian Institute of Geomagnetism (IIG), Mumbai and worked in the project on **Crustal Deformation Studies using Global Positioning System (GPS)**.
- Participated in 8-week (NNRMS) sponsored course in **Remote Sensing and GIS Applications to Water Resources** at Indian Institute of Remote Sensing, (IIRS), Dehra Dun.
- Successfully completed One Orientation Course and Three Refresher courses from Academic Staff College, University of Pune, Pune.
- One Week ICT In Higher Education S.N.D.T.Women's University Mumbai, in collaboration with Commonwealth of Learning

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 2009 to 2010
- **Reader/ Selection Grade Lecturer**, Department of Geography, Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Dist Pune from 2008 to 2009.
- **Senior Lecturer**, Department of Geography, Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Dist Pune from 2001 to 2008.
- **Lecturer** Department of Geography, Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Dist Pune from 1996 to 2001.

HIGHLIGHTS OF PROFESSIONAL DEVELOPMENT

- Worked as author for the text book of S.S.C., **Board of Secondary and Higher School Certificate Examinations**, Pune.
- Member, B.O.S. in Geography, SNTD Women's University, 2010 to 2015
- Member, Faculty of Social Science SNTD Women's University, 2010 to 2015
- Campus In-charge, SNTD Women's University, Pune Campus, 2013 to 2015
- Member, RRC (Research and Recognition Committee), North Maharashtra University, Jalgaon, 2016 Onwards

INTERNATIONAL VISITS and PRESENTATIONS

Tampa, Florida, USA Presented a research paper entitled "Modeling Soil Erosion for Kukadi River Basin in Maharashtra, India" at the International Conference of Association of American Geographers (AAG), 08 - 12 April, 2014.

Moscow, Russia Presented a research paper entitled "Malaria spread in changing urban environment of Thane District of Maharashtra, India" at the IGU Regional Conference 2015 "Geography, Culture and Society for Our Future Earth" 08 - 12 April, 2014.

PROFESSIONAL AFFILIATIONS

- Executive Member, The Deccan Geographical Society (DGS) 2016 onwards
- Life Member, Institute of Indian Geographers (IIG)
- Life Member, Indian Society of Remote Sensing (ISRS)
- Life Member, Maharashtra Bhugolshastra Parishad (MBP)
- Life Member, National Association of Geographers in India (NAGI)

PROFESSIONAL DEVELOPMENT: ACTIVITIES CONDUCTED

- Coordinated two days state level seminar on '**Environmental Awareness**' during January 12 and 13, 2007, hosted by Hutatma Rajguru Mahavidyalaya, Rajgurunagar and sponsored by University of Pune, Pune under the Quality Improvement Program.
- Worked as an Organizing Secretary for the two days state level seminar on '**Recent Trends in Geographic Research**' held at the Department of

Geography, P.G.S.R., Pune Campus under the auspice of B.C.U.D., S.N.D.T. Women's University, Mumbai on March 25 and 26, 2010.

- Jointly organized a seminar with Kannada Sangh, Pune; KAVERI Group of Institutes for school teachers on '**Climate Change**' at Dr. Kalmadi Shamarao High School, Pune on January 29, 2010.
- Worked as an Organizing Secretary for National level workshop on '**Applications of Quantitative Techniques in Geographic Research**' held at the Department of Geography, P.G.S.R., Pune Campus under the auspice of B.C.U.D., S.N.D.T. Women's University, Mumbai during 05th to 10th March 2012.
- Worked as an Organizing Secretary for Eighth India International Geographical Union (IGU) Conference on '**Landuse, Water, Climate and Health in Changing urban Environmets**' held at the Department of Geography, S.N.D.T. Women's University, Pune Campus during 04th to 06th November 2015.

PROJECT CARRIED OUT

- Completed a Minor Research Project entitled '**Evaluation of soil erodibility and Associated landuse/ landcover in Bhama Watershed using Digital Technology**', funded by University Grants Commission, New Delhi (2000 – 2002)
- Completed a Research Project titled '**Khed Information System**' funded by Board of College and University Development (B.C.U.D.), University of Pune, Pune (2006 – 2008).
- Major Research Project at present entitled '**The quantitative evaluation of soil erosion: A case study of upper Bhima Basin**' funded by University Grants Commission, New Delhi (2013 – 2015).

GUIDANCE:

- Four students completed Ph.D. and six completed M. Phil. in the field of Climatology, Agriculture Geography, Soil Science, Bio-geography, Medical Geography, Population Geography etc.
- Four students are working for Ph.D. at present.

PUBLICATIONS:

One book on Soil Erosion Modelling and Twenty Four research articles published in Journals, Proceedings and edited Books.

PARTICIPATION: CONFERENCES, SEMINAR, WORKSHOP AND RESOURCE PERSON

Chaired sessions in various conferences. Presented papers in 18 National / International Conferences and participated in more than 20 conferences.

Delivered a Keynote address, Delivered special lectures for Refresher courses, Faculty development programmes for college and University faculties and Quality Improvement Programmes.

DELIVERED SPEECHES on: (1) Climate Change, (2) Watershed management (3) Land Degradation (4) Soil Erosion (5) Sustainable Development (6) GIS and RS

PUBLICATIONS

- Oak, Deepali., Deore, Sachin., (2011). Seasons and the resurgence of diseases: A case study of Dombivli. Maharashtra Bhugolshtra Sanshodhan Patrika. XXVIII (02). pp. 85-91.
- Deore, Sachin., (2012). Spatio-temporal variability of rainfall erosivity for a river basin in Maharashtra. Vasundhara, I(01). 42-58.
- Deore, Sachin., (2012). Sustainable Rural Development Management of agricultural lands for erosion control – A case study of Bhama basin. Environmental Climate Change and sustainable development, Edited by Dr. Vinita Katiyar and Dr. S.K. Verma, Radha Publications, New Delhi. 406-414.
- Kathe, Madhuri., Deore, Sachin., (2013). Geographical study of changes in sugarcane production in Junnar tehsil. Maharashtra Bhugolshtra Sanshodhan Patrika.
- Oak, Deepali., Deore, Sachin. (2013). Analytical Study of Malaria Prevalence in Tribal and Non-Tribal Areas of Thane District of Maharashtra. The Goa Geographer. 10(1).
- Deore, Sachin., (2014). Environmental Impacts of Stone Quarrying and Health Hazards. Environmental Degradation Issues and Challenges, New Delhi Publishers. 353-360.
- Oak, Deepali., Deore, Sachin., (2014). Transmission of Malaria Diverse Geoecological Paradiagms: A case Study of Thane District in Maharashtra. International Journal of Life Sciences. 2(3). 1-6