

CURRICULUM VITAE



PERSONAL DETAILS:

Dr. SACHIN S. PANHALKAR
Professor and Head in Geography,
Department of Geography,
Shivaji University, Kolhapur- 416 004, INDIA

Nationality

Indian

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ACADEMIC DETAILS:

Ph.D

Year and University: February 2011 / Shivaji University, Kolhapur.
Topic: Rain Water Harvesting and Watershed Management in Dudhganga Basin,
Maharashtra.

SET

Year: February 2002/ University of Pune

M. A. /M.Sc

Year and University: April 2000 / Shivaji University, Kolhapur.

RESEARCH INTEREST:

Watershed Management, Hydrological Modeling, Remote Sensing, Geographical Information System

TEACHING EXPERIENCE:

UG: 03

EMPLOYMENT DETAILS:

- ✚ Assistant Professor, Govt. Vidharbha Institute of Science and Humanities, Amravati, MS, India (29/08/2002 to 20/04/2003)
- ✚ Assistant Professor, Govt. Vidharbha Institute of Science and Humanities, Amravati, MS, India (1/08/2003 to 30/09/2003)
- ✚ Assistant Professor, Smt. Kesherbai lahoti Mahavidyalaya, Amravati, MS, India. (1/10/2003 to 11/04/2005)
- ✚ Assistant Professor, Shivaji University, Kolhapur, MS, India. (12/04/2005 to 19/01/13)
- ✚ Associate Professor, Shivaji University, Kolhapur, MS, India. (19/01/2014 to 18/01/16)
- ✚ Professor, Shivaji University, Kolhapur, MS, India. (From 19th Jan. 2016 to till today)

RESEARCH GUIDANCE

Ph.D: Working-05 students
Awarded: 01 student

M.A. /M.Sc: Guided 60 students for their research project

RESEARCH PAPER PUBLICATIONS

- National: 8
- International: 20

CONFERENCES ATTENDED

- International: 08
- National: 09

RESEARCH PROJECTS

Sr. No	TITLE	AGENCY	YEAR	AMOUNT (RS.)	STATUS
1.	Land Degradation, Land Conservation and Improvement in Panchganga Basin	UGC, New Delhi	2006-2009	8,79,600/-	Completed

2.	Potential of roof rain water harvesting and watershed management in Vedganga basin (Maharashtra)	UGC, New Delhi	2008-2010	62,000/-	Completed
3.	Watershed Management and Development in Hiranyakeshi Basin: A Geoinformatic Approach	UGC, New Delhi	2011-2013	10,55,000/-	Completed
4.	Hydrological Modeling of Satluj Basin using GIS Techniques	IASc, Bangalore	2011	Fellowship Programme	Completed
5.	Hydrodynamic Modeling of Panchganga River Flood Using Geoinformatic Techniques	NRDMS, DST, New Delhi	2013-2017	19,08,000/-	On going

ACADEMIC AWARDS AND DISTINCTIONS

- Received Best paper award in International Conference on Geospatial Technologies and Applications (Geomatrix 2012), held at IIT, Bombay in February 2012.

FELLOWSHIPS/SCHOLARSHIPS

- Summer Research fellowship (SRF) of Indian Academy of Science, Bangalore (Year: 2011)

SOFTWARE KNOWLEDGE

- ARCGIS
- ERDAS
- HEC-RAS
- HEC-HMS
- ARCSWAT
- ENVI

TRAINING PROGRAMME:

Sr. No.	Programme	Duration	Organized by
1.	Digital mapping and GIS	2 nd to 27 th July 2001	NATMO, Kolkatta
2.	ARCGIS 9.3	21 st to 25 th May 2007	Department of Geography, Mumbai University, Mumbai
3.	Basic Photogrammetry and Remote Sensing	3 rd March to 27 th June 2008 (Four month)	IIRS, Dehradun

4.	Digital Surface modeling and watershed modelinh	2 nd to 13 th December 2013	National Water academy, Central water commission, Government of India,
5.	Total Station	6 th and 7 th June 2013	KIT, Kolhapur

BOOK PUBLICATION:

Sr. No.	Title with page nos.	Publisher & ISSN/ISBN No.
1.	Prospects of Watershed Development by Using Geoinformatic Techniques	Lambert Academic Publications (2012), Germany. ISBN 978-3-8484-1817-6
2.	Rain Water Harvesting and Watershed Management in Dudhganga Basin	LAP Lambert Academic Publishing (2012), ISBN-13: 978-3659236631, Germany.
3.	Watershed development and management using Geoinformatic techniques	LAP Lambert Academic Publishing (2016), ISBN-978-3-659-87839-9, Germany.

MEMBERSHIP:

- ✚ Deccan Geographical Society
- ✚ Geospatial World, New Delhi
- ✚ HDUG, Nashik
- ✚ Shivaji Vidyapeeth Bhoogol Shikshak Sangh

OTHER CHARGE:

- ✚ Coordinator of PG Diploma in Geoinformatics

Selected Paper Publication Details:

Sr. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	Abhijit Patil and Sachin Panhalkar:	Analytical hierarchy process for landslide hazard zonation of South-Western ghats of Maharashtra,	Disaster Advances	12(1)	26-39	2019

2.	Abhijit Patil, Sachin Panhalkar, Sabiha Bagwan & Shanishwar Bansode:	Impact of Land Use Land Cover Change on Land Surface Temperature Using Geoinformatics Techniques	International Journal of Research and Analytical Reviews	5(4)	550-555	2018
3.	Sachin Panhalkar Amol Jarag	Flood Risk Assessment of Panchganga River Using GIS Based Multicriteria Decision Technique	Current Science, Bangalore	112	785-793	2017
4.	Sachin Panhalkar Amol Jarag	Generation and Accuracy Assessment of Digital Elevation Model Using Digital Photogrammetry and DGPS techniques.	International Journal of Earth Sciences & Engineering, (No.01). ISSN 0974-5904	Vo l. 09	-	201 6
5.	S.S. Panhalkar Sager Mali	Land Capability Classification in Hiranyakeshi basin of Maharashtra (India): A Geoinformatic Approach	International Journal of Engineering and Technical Research (IJETR)., Issue: 6 ISSN: 2321-0869.	Vo l.2	-	201 5.

International Visits:

Attended and Participated in the International Geographical Union (IGU) Regional Conference, 2015 at **Moscow, Russia**, during August 17-21, 2015.