

CURRICULUM VITAE

DR. SAGAR PANDURANG MALI

M.A., (K-SET, NET) M.Sc., M.B.A., M.Phil., Ph.D.

Assistant Professor of Geography

**Vidya Prabodhini College of Commerce, Education, Computer
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❖ CARRIER OBJECTIVE

My aim is to generate responsible and disciplined teachers and citizens for the society and nation. Gain, teach and applied the advance technology in the Geography and Information Communication Technology (ICT) to solve the social and environmental problems. Represent my potential skills and excellency to get precise solution on social and environmental problems. To Provide excellent and satisfactory service from my passion to my institute, society and my nation to make them great.

❖ RESEARCH SPECIALIZATION

Physical Geography, Environmental Science, Eco-tourism, Economic Geography, Urban Planning, Agriculture Geography, Watershed Management, Coastal Management, Geo-Spatial Technology (GIS, GPS and Remote Sensing).

❖ EDUCATIONAL QUALIFICATION

COURSE / DEGREE	PASSING YEAR	UNIVERSITY/ BOARD	RESULT/ CLASS
M.A. (EVS)	2023 -	Indira Gandhi National Open University	Pursuing
M.Tech. (Rural Tech.)	2020 -	Shivaji University, Kolhapur	Pursuing
Ph.D. (Geography)	2012-2016	Shivaji University, Kolhapur	Awarded
UGC-NET (Geography)	NOV-2014	UGC New Delhi	Qualified
K-SET (Geography)	APR-2014	Karnataka State Eligibility Test, Mysore	Qualified
M.Phil. (Geography)	2010-2012	Tilak Maharashtra Vidyapeeth, Pune	Distinction
M.B.A. (Geoinformatics)	2008-2010	The Global Open University, Nagaland	First Class
M.Sc. (Geoinformatics)	2006-2008	University of Pune, Pune	First Class
M.A. (Geography)	2004-2006	Shivaji University, Kolhapur	First Class
B.A. (Geography)	2000-2004	Shivaji University, Kolhapur	Second Class
H.S.C.	1998-2000	Pune Board (Devchand College)	First Class
S.S.L.C.	1997-1998	KSEEB, Bangalore (New English School)	Second Class

❖ GIS SOFTWARE SKILL

- 1) Arc GIS -10.3
- 2) Erdas Imagine-9.3
- 3) LPS. (Leica Photogrammetry Suite)
- 4) ENVI (Environmental Visualizing Image)
- 5) Arc view 3.2a
- 6) AutoCAD
- 7) QGIS 3.18 with SAGA
- 8) Global Mapper 13

❖ PAPER PUBLICATIONS IN INTERNATIONAL- NATIONAL JOURNALS

- **Total Paper Presented** : 29
- 1. National Level Publication : 01
- 2. International Level Publication : 28

❖ PAPER PRESENT: NATONAL / INTERNATIONAL CONFERENCES/ SEMINARS

- **Total Paper Presented** : 25
- 1. International Conferences (Abroad) : 02 (Sri Lanka)
- 2. International Conferences (Within India) : 05
- 3. National Conference/Seminar : 17
- 4. State Level : 01

❖ RESOURCE PERSON/ LECTURE DELIVERED/ INVITED TALK DELIVERED

- **Total Invited Lectures / Resource Person** : 51
- 1. National Level : 41
- 2. State Level : 10

❖ ACADEMIC RESEARCH GUIDANCE

- **Total Academic Research Guidance** : 20
- 1. P.G. Level dissertation guidance : 09
- 2. U.G. Level dissertation guidance : 11

❖ BOOK PUBLICATION

1. **Book Name:** “Watershed Development and Management using Geoinformatics techniques: A case study of Hiranyakeshi River Basin”
Publisher: Lambert Academic Publishing, Germany.
ISBN Code: 978-3-659-87829-9
Year of Publication: June 2016.

❖ PROJECT WORKS

1. **Socio-Economical Study of Tribal Community (2004):-** In M.A. done the project on “*Tribal population and its educational status in Maharashtra: A case study of Arivali and Arela villages in Thane district*” Under the Guidance of Mr.S.K.Pawar, Geography Department, Shivaji University, Kolhapur
2. **Preparation of Drainage System Map of Maharashtra (2006):-** During GIS course prepared a drainage map for whole Maharashtra using GIS technology by integrating ancillary data and spatial data(SOI Toposheet at 1:50000 scale) in Autodesk map 2006, Arc View 3.2a. Software.
3. **Maha-yield Project of Maharashtra (2006):-** Complete pilot project on Tahsilwise “*spatio-temporal analysis of Bengalgram*” in Maharashtra during P.G.B.Sc.(Applied) GIS & RS diploma in 2006
4. **P.G.B.Sc.Project on Cadastral Level Mapping (2007):-** Complete project on “**Cadastral Mapping Of Water Logging And Saline Areas In Krishna Canal Command**” contributing with DIRD Department Pune Division, Government of Maharashtra, under the guidance of Ms. Dr. Vrishali Deosthali (Reader and coordinator) during P.G.B.Sc. (Applied) GIS and RS diploma at Geography Department, University Of Pune.
5. **Maha-Soil Project of Maharashtra (2007):-** During M.Sc. Geoinformatics did pilot project to separated Agriculture and Non-Agriculture area from satellite image of Maharashtra with special reference to Bid District. in ArcGIS 9.1 Software.
6. **Mobile Mapping Project of Pune University(2007):** - Complete Mobile mapping survey of Pune university campus by taking **Google Earth** image and Georeferancing in ERDAS Imagine 8.7 Software.
7. **Project on Digital Image Processing (2008):-** In Parola Tahsil Awifs image Of Bid District done Digital Image Processing and generate super, unsuper wise classification image, NDVI, HIS, Texture, ANN and PCA in ERDAS Imagine 9.1 & ENVI 4.2 Software.

8. National Urban Information System Project (2008): - In Survey of India, Pune worked on NUIS project (National Urban Information System) under the guidance of Mr.A.K.Singh (Deputy Superintending Surveyor Maharashtra and Goa GDC, Survey Of India, Pune), which is live project of IIRS(Indian Institute of Remote Sensing). In that we demarked the Municipal areas on high resolution merged (PAN+LISS-III) satellite image in December, 2007 to May, 2008.

9. M.Sc Project on Digital Photogrammetry (2008):- In M.Sc.Geoinformatics completed 6 Months project entitled, "***Urban Utility Information System using Digital Photogrammetry and GIS Technology***" at Survey of India (SOI), Pune under the guidance of Major General V.R.Mahendra, Additional Surveyor General, Maharashtra and Goa GDC, Govt. of India and Shri. B. Tripathy, superintending surveyor, Maharashtra & Goa, GDC, Pune -06 from December, 2007 to May, 2008.

10. M.B.A. Project on Urban Utility Information System (2010):- During M.B.A. from The Global Open University, Nagaland, did the project on "***Urban Utility Information System of Pune City***" under the supervision of Dr. R.S. Deshmukh, Director, Micro Technology (India) Pvt. Limited, Pune.

11. M. Phil Project on City Sanitation Planning (2012) :- In my M. Phil programme from Tilak Maharashtra Vidyapeeth,Pune. I did my project research entitled, "***City sanitation Planning (CSP) of Gwalior City Using Geoinformatic Techniques***" under the guidance of Dr. J.B. Chougule, Principal Miraj Mahavidyalaya Miraj.

12. UGC Major Research Project (2011-2014): - Worked as a **Project Fellow** on UGC major research project of **Rs: 14,50,000/-** on the topic entitled, "***Watershed Development and Management in Hiranyakeshi Basin: A Geoinformatic Approach***" under the supervision of Prof.C.T.Pawar, Principal Investigator and Dr. S.S.Panhalkar, Co-Investigator of the Project during May 2011 to June, 2014.

13. Ph.D. in Integrated Watershed Development (2016) :- Ph. D awarded from Shivaji University, Kolhapur on the research topic entitled, "***Integrated Watershed Development of in Hiranyakeshi Basin: A Geoinformatic Approach***" under the guidance of Dr. S.S. Panhalkar, Associate Professor, Dept. of Geography, Shivaji University, Kolhapur.

14. Research Project on Land use Land Cover Change (2023-2025) :- Working on the Project, "***Geo-Spatial Study of Growth and Management of Land use and Land Cover Change and Utility Services for Sustainable Development: A Study of Parvari Region, Goa-India***" of Rs. 50,000/- given by Management of Prabodhan Education Society for the Decadal completion of Vidya Prabodhini College. It has started from May, 2024 (In Process)

❖ PROFESSIONAL EXPERIENCE

- 1. Company Name:** Micro Associates Consultancy (India) Pvt.Limited, Pune
Designation: GIS Analyst/GIS Engineer
Joining Date: August 2008 **Resignation Date:** April 2011
Nature of Work: Geoinformatics course teaching, Web-GIS Mapping, City Sanitation Planning of Ashta, Raisen, Khajuraho and Gwalior city of MP. in collaboration with CEMDS, Vienna based NGO.
Total Experience: 2 year and 10 Months
- 2. Institute Name:** Department of Geography, Shivaji University, Kolhapur
Designation: Project Fellow, UGC Major Research Project
Project Investigator: Prof. C.T.Pawar and Dr. S.S. Panhalkar
Project Period: May 2011 to Jan 2014
Total Experience: 2 Year 9 Months
- 3. Institute Name:** Department of Geography, Shivaji University, Kolhapur
Designation: Visiting Faculty (on CHB basis)
Class: P.G.Diploma in Geoinformatics Course
Work Period: July 2012 to April 2013, July 2013 to April 2014
Total Experience: 1 Year 8 Months
- 4. Institute Name:** Parvatibai Chowgule College of Arts and Science, Margao,GOA
Designation: Assistant Professor in Geography
Classes: B.Sc, M.A., and P.G.Diploma in Geoinformatics course
Work Period: December 2014 to April 2015 and June 2015 to April 2016.
Total Experience: 1 year 4 Months
- 5. Institute Name:** Vidya Prabodhini College, Parvari-Goa
Designation: Assistant Professor in Geography
Classes: B.A.B.Ed (Integrated B.A.B.Ed)
Work Period: June 2016 to till date
Total Experience: 5 years

Total Experience: 16 Years & 7 Months (Till 31st January, 2025)

❖ ADMINISTRATIVE EXPERIENCE

1. Co-ordinator of IIRS-ISRO Edusat Program: Vidya Prabodhini college has selected as a centre for IIRS-ISRO sponsored Edusat program for students and faculties. I am the Coordinator of IIRS-ISRO online EDUSAT online learning program in GIS, GPS and Remote Sensing technology which sponsored by Indian Space Research Organization (ISRO) from June,2017 to till date.

2. IGNOU Study Centre (08033) Co-ordinator: I have been appointed as 'Study Centre Coordinator' of Indira Gandhi National Open University (IGNOU) of Vidya Prabodhini College of Commerce, Education, Computer & Management, Parvari-Goa, from August 2017 to till date.

3. NIOS Study Centre (473001003) Co-ordinator: I had been appointed as 'Study Centre Coordinator' of National Institute of Open Schooling (NIOS) sponsored by MHRD, Govt. of India, for the **Diploma in Elementary Education (D.El.Ed.)** and Professional Development Program for Elementary Teachers (PDPET) programs for untrained Primary and higher secondary teachers in the state of Goa from October, 2017 to March, 2019.

4. B.O.S. Member in Maharashtra: appointed as **B.O.S. Member** (Board of Studies) for U.G. and P.G. Geography subject by 'Sadguru Gadage Maharaj College (Autonomous), Karad from June 2018 to till date.

5. B.O.S. Member in Goa: appointed as **B.O.S. Member** (Board of Studies) by vice-chancellor, Goa University for P.G. Geoinformatics subject by at Govt. College of Commerce and Economic, Borda, Margaon-Goa from May 2024.

6. Executive Member: Goa Samagra Shiksha Abhiyan (GSSA): I have been appointed as "Executive Member of Goa Samagra Shiksha Abhiyan' by Government of Goa from June, 2019 to till date.

7. D.R.C. Member: Appointed as **D.R.C. Member** by vice-chancellor, Goa University for Ph.D. Students guidance for Geography research at Govt. College of Arts , Science and Commerce,Khandola-Goa from June - 2019 onwards.

8. iDA Member, GSCERT, Govt. of Goa: Appointed as 'Sub-committee member for iDA (Inter Disciplinary Areas) by Goa State Council for Educational Research and Training (GSCERT), Govt. of Goa, for curriculum development for Goa Board from 6th to 12th standard under NEP-2020 vision. (From December, 2023)

❖ SPECIAL ACHIEVEMENTS

- 1) **Best Academic Excellence Award Lifetime Achievement (2025)**: Honored with '*National Level Best Academic Excellence Award Lifetime Achievement*' by the 'Global Foundation', Bacheri, Dist. Solapur, Maharashtra in January, 2025 at Kothrud, Pune.
- 2) **Certificate from IIRS-ISRO (2019)**: Successfully participated in one weeks training course on 'Numerical Weather Prediction Modeling' During November, 2019 at Indian Institute of Remote Sensing (IIRS), Deharadun, ISRO, Department of Space, Govt. of India.
- 3) **Certificate from National Water Academy (NWA), Pune (2013)**: Successfully participated in one weeks training program on 'Advance Water Resource Modeling' at National Water Academy (NWA), Govt. of India, Khadakwasla, Pune in September, 2013.
- 4) **International Best Paper Award (2012)**: "INRIA BEST PAPER AWARD" got for the presentation of research paper entitled, "Generation of 3D City Model for Urban Utility Information System Using Digital Photogrammetry and GIS Technology" in international conference at Indian Institute of Technology (IIT), Mumbai in Feb,2012.
- 5) **Certificate from IIRS-ISRO (2007)** :- Successfully participated in six weeks basic training course in Remote sensing(RS),Geographical Information System(GIS) & Global Positioning System(GPS) During January-April 2007 Virtual workshop organized by Indian Institute of Remote Sensing, Govt. of India.
- 6) **N.S.S. Certificate (2006)**:- Successfully completed two years in National Service Scheme (N.S.S) with 10 days Special Camp in Galgale (Tal:- Kagal. Dist:- Kolhapur) village under Shivaji University branch in 2006.
- 7) **Best Participants Award in Nature Training Camp (2006)**: Awarded with *Best Participants* in Nature Training Camp organized by 'Green Guards, Kolhapur and Shivaji University, Kolhapur during 16th May to 25th May 2006.
- 8) **First Prize In 'Indian Culture (2005)**: in University Level "*Indian Culture 2005*" competition on 'Swami Vivekananda life and his Philosophy' from Solapur Region which organized by '**Ramakrishna Mission**' Kanyakumari in December 2005.

❖ SPECIAL WORKSHOPS AND TRAINING PROGRAM ATTENDED

Sr.No	Nature of Program	Name of the Organizing Institute	Duration	Month and year
1	MS-CIT (Maharashtra State Certificate of Information Technology)	Maharashtra State Board of Technical Education, Mumbai	4 Months	July, 2005
2	EDUSAT Certificate in RS, GIS and GPS	Indian Institute of Remote Sensing	Six Week	April, 2007
3	Work in NUIS Project in GIS Platform	Survey of India, Pune	6 Months	May, 2008
4	Training on Digital Photogrammetry Technology	Survey of India, Pune	6 Months	May 2008
5	Advance Water Resource Modelling in Water Resources	National Water Academy, Pune	One Week	Sept, 2013
6	102 nd Orientation Programme	UGC, HRDC, Goa University	3 Week	Nov-Dec, 2018
7	Introduction to Numerical Weather Prediction Model	Indian Institute of Remote Sensing, Dehradun, India	1 Week	Nov, 2019
8	Refresher Course in Environmental Studies	UGC, HRDC, Goa University	2 Week	Jan, 2020
9	Advance Research Methodology Workshop	Dept. of Geography, Shivaji University, Kolhapur, MS, India	1 Week	Mar, 2022
10	Online International Workshop on "Digital Image Processing"	Athale, Sapre, Pitre College, Devrukh, Maharashtra,	16 Days (32 Hr)	Jan, 2023

❖ EXTRACURRICULAR ACTIVITIES

- 1) **Visiting Faculty for P.G Diploma in Geoinformatics:** Giving my special service as a 'Visiting Faculty' for P.G. Diploma in Geoinformatics at Parvatibai Chowgule College of Arts and Science, Margao, Goa under MoU activity.
- 2) **Visiting Faculty for Career Development Course:** Given my special service as a 'Visiting Faculty' for B.Sc. Geology students of Dhempe College of Arts and Science, Miramar, Panaji, Goa for career development course of Open source GIS software training.(February – March, 2019)

- 3) **Delivering lectures as a 'Resource Person':** I have been invited as a 'Resource Person' for the delivering lectures in the state of Goa and Maharashtra in state and national level workshop, seminar and conferences. Till today I have delivered more than 50 lectures on different themes of Geography and Geospatial Technology.
- 4) **Delivering key note as a 'Chief Guest':** I have been invited as a 'Chief Guest' for the delivering Key note address in the state of Maharashtra in state and national level workshop, seminar and conferences.

❖ SOCIAL DEDICATION

1. **Eye Donation:** We (me & my wife) have given small dedication towards the society through donating our eyes to the 'Kolhapur Eye Bank' on our marriage day, 11th May 2011.
2. **'GURU DRONACHARYA SCHOLARSHIP' for students:** On the memory of my respected teacher *Late. Shri. T. B. Salunkhe sir*, scholarship namely, *"Guru Dronacharya Scholarship"* of Rs. 5000/year for the sincere and economic backward students of 10th standard in 'New English School', Soundalga, from the year June, 2017.

❖ VIEW TOWARDS THE LIFE

Life is golden opportunity, pickup it; Life is an Book, just read it; Life is trouble, ride on it; Life is challenge, accept it; Life is a sweet bond, became part of it; Life is Journey, Keep your own footprint behind it; Life is one mistake, Just do it and correct it; Life is distance between two breath, know yourself in that, Life is life, just learn to smile and Love on it; Life is everything, just do something to make it memorable and glorious.



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