

RESUME

Dr. Sumedh R. Warghat

Assistant Professor

*M.Sc Geology, M.Sc Geoinformatics, Ph.D (Geology).
P.G. Diploma in WTM.*



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OBJECTIVE

To work in presumed organization, which can utilize my education, creative talent and commitment to excellence and put my efforts into achieving organization as well as individual goals.

PRESENT POSITION

Designation - Assistant Professor,
Department of Geology, Bharatiya Mahavidyalaya , Amravati.

QUALIFICATION

PHILOSOPHY OF DOCTORATE (PH.D)

S.G.B. Amravati University, Amravati.

(Awarded June 2016)

Title of Research - "Geo-Environmental Resources Assessment of Bhatkuli Taluka, Amravati District, Maharashtra"

POST GRADUATE STUDY

P.G. Diploma in Watershade Technology & Management *(July 2011- June2012)*
S.G.B. Amravati University, Amravati.

M.Sc. Geology *(July 2008- June2010)*
S.G.B. Amravati University, Amravati University.

M.Sc. Geoinformatics
University of Pune, Pune

(July 2006- June2008)

UNDER GRADUATE STUDY

B.Sc. Geology
Shri Shivaji Science College, Amravati.

(July 2003- June2006)

TEACHING EXPERINCE

UNDER GRADUATE

Bhartiya Mahavidyalaya, Amravati
Designation: CHB Teacher
Experience: One Year & 6 Month

(June 2018 – Dec 2019)

Shri Shivaji Science College, Amravati
Designation: CHB Teacher
Experience: Four Year

(June 2015- April 2019)

POST GRADUATE

S.G.B Amravati University, Amravati
Designation: CHB Teacher
Experience: Two Year

(June 2017– April 2019)

DISSERTATION

Regional Remote Sensing Service Center / (ISRO), Nagpur

(Dec2007-May 2008)

Title: - Geomorphic Analysis of Part of Hoshangabad District, Madhya Pradesh using Remote sensing and GIS.

Software: - ArcGIS 9.1, ArcInfo, Erdas9.1, Geomatica.

Period: - 6th Months.

Micro Associates Consultancy (I) Pvt.Ltd. Pune

(May2009 –Aug2009)

Title: Flood Vulnerability Analysis using Remote Sensing and GIS Techniques in Karad Region of Satara District, Maharashtra.

Software: ArcGIS 9.1, Erdas 9.1

Period: 4th Months.

GIS & RS SOFTWARE SKILLS

Arc Gis-10.1, Arc Info 9.1 (Workstation), Arc view 3.2., AutoCAD Map5, Erdas Imagine-9.1 LPS. (Leica Photogrammetry Suite), ENVI, Geomatica 10.2. Q-GIS 4.3.

COMPUTER COURSES

MS-CIT, VB.NET + WIN Forms, C++ Language.

WORKSHOPE/SEMINAR/TRANNING

1. Indian Institute of Remote Sensing/ (NRSC) - Dehradun. (Jan 2007 – April, 2007)

Training: EDUSAT based training on basic 'Remote Sensing, Geographical Information System (GIS) and Global Position System (GPS).

Duration: Six Week

2. Survey of India (SOI), Maharashtra and Goa GDC, Pune. (May2007 – June, 2007)

Training: - On 'Digital Photogrammetry'

Software: - Leica Photogrammetry Suit (LPS)

Duration: - 45 Day's in Summer Vacation

(21 – 26 Feb, 2011)

3. Symbioses Institution of Geoinformatics, Pune conduct under workshop under NRDMS, DST, Govt. of India.

Workshop On:- 'Application of RS and GIS in Natural Resources and Disaster Management'

Duration: - 6 Day

(16 - 20 July, 2012)

4. Maharashtra Remote Sensing Application Center (MRSAC), Nagpur.

Training: - On 'Integrated Watershed Management Programme (IWMP) Project Orientation Training.

Duration: - 5 Days

(16 - Jan, 2012)

5. Department of Geography, Shri Shivaji Arts and Commerce College, Amravati.

Workshop On: - 'Geographical Information System and Remote Sensing'

Duration: - 1 Days

(2ed March, 2013)

6. The Institution of Engineers (India) and Indian Society of Remote Sensing (ISRS), Nagpur.

- Workshope: - on 'Exploring Remote Sensing and GIS techniques for better Education and Governance'.**
Duration: - 6 Days
(08- 13 Dec, 2014)
- 7. Deccan College, Post Graduate and Research Institute, Pune.**
- Workshope: - Winter School On 'Quaternary Geology and Paleenvironment'.**
Duration: - 2 Days
(20 - 21 Feb, 2015)
- 8. Government Vidharbha Institute of Science & Humanities, Amravati.**
- Workshope: - On 'Surveying Techniques and Procedure in Geography'.**
Duration: - 2 Days
- 9. Department of Environment, Shri Shivaji Science College, Amravati.**
- Workshop On: - 'Basic of Remote Sensing, GIS and its application.**
Duration: - 1 Days
(8 - 10 May, 2019)
- 10. Symbioses Institution of Geoinformatics, Pune conduct under workshop under NRDMS-DST, Govt. of India.**
- Workshop On:- 'NRDMS-DST Orientation Program on Geospatial Technologies- ' Spatial Data Analytics and Current Trends'**
Duration: - 3 Day
(14- 18 May, 2019)
- 11. Sant Gadge Baba Amravati university, Amravati conduct under GIAN (Global Initiative for Academic Network, MHR Govt. of India.**
- Workshop On:- Short Term Course - 'History of Life and Mass Extinction Events'**
Duration: - 5 Day
(13 July, 2019)
- 12. UGC- Human Resource Development Center and IQAC of Sant Gadge Baba Amravati university, Amravati and Space application centre, Ahmadabad.**
- Workshop On:- 'Indian space Research Organization RESPOND Programme- Interest Exploration Meeting'.**
Duration: - 1 Day

JOURNAL PUBLICATIONS -International/Nationl

- 1. Flood Vulnerability Analysis of the part of Karad Region, Satara District, Maharashtra**

using Remote Sensing and Geographic Information System technique, International Journal of Advancements in Research & Technology, Vol. 1, Issue2, July-2012, pp. 1-7.

2. Morphometric Analysis for Hydrological Studies using GIS: A case study, International Journal of Engineering Research & Technology, Volume1, Issue5, July-2012, pp. 1-8.
3. GIS Based Morphometric analysis for Sub Basin of PEDI River in Bhatkuli Taluka, Amravati Dist.(MH), Proceeding National Conference on Watershed Management for Sustainable Development (WMSD-2013), ISBN No.978-81-926186-1-6, Page no. 33-40.
4. Remote Sensing and GIS Inputs for Urban Development Planning, An International Quarterly Research Journal, Volume 12, July 2012, pp. 48-59.
5. Grid based Morphometric analysis of using GIS technique – A case study on Bhatkuli Taluka, Amravati District, Maharashtra., MAT Journals, Journal of Remote Sensing & GIS Technology, Volume 1, Issue 3, pp. 1-18, 2016.
6. Hydrogeological Assessment of Groundwater studies of Bhatkuli Taluka, Amravati District, Maharashtra using Geographical Information System (GIS) technique. Journal of Emerging Technologies and Innovative Research (JETIR), January 2019, Volume 6, Issue 1, pp. 203-212.
7. An Integrated Approach for Mapping Groundwater Potential Zones using GIS, Remote sensing and MIF techniques in the semi-arid region. Springer Journals of Environment, Development and Sustainability (ENVI), Volume 22, Issue 1, January 2020.

CONFERENCE ATTAINED - International/National

1. **National Geography conference on “Recent trends in Geography and Environmental study” (12-14 November, 2009).** Organized by Shri Shivaji Arts and Commerce College, Amravati. **Paper Title** - ‘Geomorphic Analysis for the part of Hoshangabad district, MP using Remote Sensing and GIS’, pp. 10.
2. **International conference on “Multidisciplinary approaches in applied Geology” (MAAG - 20th- 21st January, 2012).** Organized by Gopal Krishana Gokhale College, Kolhapur. **Paper Title** – “Flood vulnerability analysis using GIS and RS – A Case study for Karad Region, Satara (M.S). pp. 22-23.
3. **National Conference on “Climate change and Agriculture Problems” (CCAP – 13th- 14th February 2012).** Organized by – Vai. Dhunda Maharaj Deglurkar College, Degloor

(Nanded, MS) in the association with Marathwada Assoc. of Geographers, Latur. **Paper Title** - 'Agriculture –Non Agriculture Mapping Using Satellite Data-A case study for Rajnandgaon Tahasil', pp. 42.

4. **National Conference on “Watershed Management for Sustainable Development” (WMSD- 22-23 February 2013)**, Organized by, Shri Shivaji Science College, Amravati in collaboration with CGWB and GSDA. **Paper Title** – GIS Based Morphometric analysis for Sub Basin of Pedita River in Bhatkuli Taluka, Amravati Dist. (MH), pp. 11.
5. **National conference on “Recent Trends in Chemical and Geological Science and its relevance to environmental conservation (22 December 2013)**. Organized by Department of Chemistry and Geology, Mahatma Gandhi Arts, Science, Commerce College, Armori (Gadchiroli). **Paper Title** – Morphometric analysis of the Renuka river basin in Bhatkuli taluka of Amravati, Maharashtra using GIS techniques. PP.
6. **National Conference on “Basin Dynamics, Facies Architecture and Paleoclimate” (19-21 December, 2017)**. Organized by Dept. of Geology, Sant Gadge Baba Amravati University, Amravati (MS). **Paper Title** - 'Hydrogeomorphological Assessment of Bhatkuli taluka Amravati Districts, Maharashtra using RS and GIS technique', pp. 180-181.
7. **National Conference on “Basin Dynamics, Facies Architecture and Paleoclimate” (19-21 December, 2017)**. Organized by Dept. of Geology, Sant Gadge Baba Amravati University, Amravati (MS). **Paper Title** – 'GIS based morphometric analysis of pedhi river basin tributary of Purna river, Amravati and Akola Districts, Maharashtra', pp. 187-188.
8. **National Conference on “Basin Dynamics, Facies Architecture and Paleoclimate” (19-21 December, 2017)**. Organized by Dept. of Geology, Sant Gadge Baba Amravati University, Amravati (MS). **Paper Title** – 'Morphometric Analysis of the Suryaganga river basin Tributary of Wardha river, Amravati District, Maharashtra', pp. 189-190.
9. **National Conference on “Innovations in Environmental and Earth Sciences for Sustainable Future” (IEESSF- 27 -28 February, 2019)**. Organized by School of Environmental and Earth Science, K.B.C. North Maharashtra University, Jalgaon (MS). **Paper Title** – 'Integrated Geomorphic, Morphometric and Hydrogeologic characteristics Studies of Bhatkuli Taluka, Amravati (MH) using Remote Sensing and GIS', pp. 34-35.
10. **National Conference on “Innovations in Environmental and Earth Sciences for Sustainable Future” (IEESSF- 27 -28 February, 2019)**. Organized by School of

Environmental and Earth Science, K.B.C. North Maharashtra University, Jalgaon (MS).
Paper Title - 'Qualitative Analysis of the Groundwater of the Shallow Aquifer along MIDC Area, Amravati City - A Case Study', pp. 24-25.

Yours Faithfully
(Dr. SUMEDH R. WARGHAT)
