

# CURRICULUM VITAE

**Name :** Dr. Susware Nilesh Kamalakar  
Assistant Professor,  
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## ACADEMIC QUALIFICATION:

COURSE	YEAR	SUBJECT	UNIVERSITY / BOARD	PERCENTAGE	GRADE
Ph.D	July 2015 to Sept. 2018	Geography	S.P. Pune University	-	-
P.G.B.Sc.(APPLIED) in GIS & REMOTE SENSING	2009-10	Geoinformatics	Pune University	65.00	I Class
M.A.	2007-09	Geography	Shivaji University, Kolhapur	60.00	I Class
B.A.	2004-07	Geography	Shivaji University, Kolhapur	69.33	I Class
H.S.C.	2004	Minimum Competency Vocational Courses (MCVC)	Maharashtra State Board	71.17	I Class
S.S.C.	2002	All Subjects	Maharashtra State Board	59.46	II Class

## **COMPUTER SKILLS:**

### **Software's Known:**

1. Arc GIS Pro + SWAT tool
2. ERDAS Imagine 23 + LPS.
3. Leica Geo office
4. Global Mapper.
5. QGIS.
6. Autodesk Civil.
7. SPSS- (Statistics)

### **Computer Programming Languages Known:**

1. "C" Programming.
2. C++.

## **KNOWLEDGE OF HANDLING INSTRUMENTS:**

1. **Sedigraph III**- Particle Size Analyzer (Department of Geography, SPPU).
2. **dGPS** -Leica Dual frequency **GS14**, Leica Uno & Zeno (Department of Geography, SPPU).
3. **dGPS** Trimble 5700 Series (Anna University).
4. **Total Station** (Leica TS06).
5. Handheld **GPS** (Garmin- Montana 650)
6. Theodolite.
7. Dumpy level.

## **PROFESSIONAL BACKGROUND:**

1. Currently working as **Assistant Professor (Full Time)** Department of Geography, Gopal Krishna Gokhale College, Kolhapur.
2. **Assistant Professor (CHB)** Department of Geography, Gopal Krishna Gokhale College, Kolhapur. **May 2019 TO March 2025.**
3. **Research Assistant** in Science and Technology Park, University of Pune for (SECOA - the European Commission Funded Project) from **June 2010 to November 2013** .
4. **Research Assistant** in the Department of Geography, Savitribai Phule Pune University for DST funded project from **December 2013 to December 2015.**

5. **Project Assistant** in the Department of Geography, Savitribai Phule Pune University from December 2015 to November 2018.

### **TEACHING EXPERIENCE :**

- ✓ **Assistant Professor:** Gopal Krishna Gokhale College, Kolhapur - **May 2019 to till date.**
- ✓ Visiting Faculty at **Gokhale Institute of Economics and Politics (Pune)** for Remote Sensing and GIS (Jan 2022 to May 2022)
- ✓ **Visiting Faculty** at Chhatrapati Shahu Institute of Business Education and Research (CSIBER) for Remote Sensing and GIS - **March 2019 to April 2019.**
- ✓ **Teaching Advance Surveying:** Total Station and dGPS Practical & Theory - Department of Geography, Savitribai Phule Pune University, Pune **(2014 - 2017).**
- ✓ **Teaching Surveying :** Dumpy level, Theodolite, GPS Practical & Theory. Department of Geography, Savitribai Phule Pune University, Pune **(2014 - 2017).**

### **PAPER PUBLISHED:**

1. Mane M. M, Sapkale S. J, **Susware N. K**, Sapkale J. B. **(2024)** : Comparative Study of the Coastal Geomorphology of Kajirbhati Sand-Spit Using Google Earth Pro Images (2005, 2011, 2023): An Approach Towards the Impact of the Casuarina Plantation. **Curr World Environ;** 19(2), 903 – 9015.
2. Sapkale S. J, Mane M. M, **Susware N. K**, Sapkale S. J. **(2023)** : Dynamic Changes in Coastal Geomorphology of Shiroda Coasts, using Remote Sensing and GIS: An Approach to Climate Change and Coastal Disaster Risk. *Disaster Advances* ,16(12), 20- 32.
3. Sinha D., **Susware N.K.**, Sapkale J. B. and Susware V. N. **(2022)** : Flood Hazard Zone Mapping of Kasari River Basin (Kolhapur, India), Using Remote Sensing And GIS Techniques. *Journal of the Indian Society of Remote Sensing.* 50 (12). 2523- 2541.
4. **Susware N. K.** Sapkale J. B., Susware V. N., and Gavhane S. K. **(2021)** : Linkages Between Sinuosity Index and Flood Sustainability: A Study of Morna River (Maharashtra), India. *Current World Environment*, 16 (2) 649-661.

5. Gavhane S. K., Sapkale J. B., **Susware N. K.** and Sapkale S. J. (2021) : Impact of Heavy Metals in Riverine and Estuarine Environment: A review. *Chemistry and Environment*, 25 (5) 226-233.
6. Mane M.M., Sapkale J. B., and **Susware N. K.** (2020) : Variability of Sand Spits at the Mouth of Estuaries: A Disastrous Impact Study of Phanase, Tambaldeg and Tondavali of Sindhudurg Coasts. *Disaster Advances*, 13 (6) 1-5.
7. Joshi V.U and **Susware N.K.** (2020) : Assessing the applicability of SWATmodel to predict soil loss from watersheds in western Deccan, India. *Transaction Institute of Indian Geographers*, 42 (1) 1-20.
8. Joshi V.U and **Susware N.K.** (2018) : Application of RUSLE-3D model to predict soil loss from a watershed in Western Deccan, India. *Journal of Indian Geomorphologists*. 6, 91-107.
9. Joshi V.U, **Susware N.K.**, and Sinha D (2016) : Estimating soil loss from a watershed in Western Deccan, India, using Revised Universal Soil Loss Equation. *Acta Geodaetica ET Geophysica Hungarica, AGD Landscape & Environment* 10 (1) 2016. 13-25.

### *Conference Papers*

- 1.Varekar V., Nanekar A., Rameez H., and **Susware N.K.** (2018). Rationalization of Krishna River Water Quality Monitoring Locations using Multivariate Statistical Techniques and Water Quality Index. International Conference on Sustainable Technologies for Intelligent Water Management during February 16-19, 2018 at **IIT Roorkee**.
2. Nanekar A, Varekar V, **Susware N.K.** , Munde P (2017). Rationalization of Krishna River water quality monitoring locations by combination of Multivariate Statistical and Multi Criteria Decision Making techniques in a geo-spatial framework. International Conference on Urbanization Challenges in Emerging Economies, Moving towards Resilient Sustainable Cities and Infrastructure ASCE India Conference, during December 12-14, 2017 at **IIT Delhi**.
- 3.Varekar V. and **Susware N.K.** (2017). Effect of Chandoli dam on changes in land use land cover applications in eco-sensitive zone of western ghat of India using remotely sensed data.

International Symposium on Water Urbanism and Infrastructure Development in Eco Sensitive Zones 6-7 January 2017 Kolkata, India.

4. Tambe D., **Susware N.K.**, Pawar S., V.S. Kale (2011). Comparison of Land Surface Parameters Derived from SRTM and Aster Digital Elevation Datasets and from Cartosat-DEM: A Case Study of Mumbai Metropolitan Region, "24th Indian Institute of Geomorphologists National Conference and Annual Convention on Coastal Dynamics and Geomorphology", 19-22 October, 2011. Chennai, Page No. 37-38.

#### **COUNTRIES VISITED FOR ACADEMIC AND RESEARCH WORK:**

- ✓ **United Kingdom** – Visited London Metropolitan University, London, regarding SECOA project meeting. (April 2012).
- ✓ **Italy** – Visited Rome, regarding SECOA project meeting. (November 2013).

#### **RESEARCH WORK AND EXPERIENCE:**

- ✓ **PhD in Geography**, topic entitled "**Modeling Soil Erosion in a Watershed along the Middle Tapi Basin, India using RUSLE 3D and SWAT**", from Savitribai Phule Pune University, Pune. (From 7 July 2015, to 29 September 2018).
- ✓ Research Assistant in **DST project** titled "**Morphology and Dynamics of bank gullies along the Tapi River: Study based on field observations, DEM analysis and modeling**" Department of Geography, Savitribai Phule Pune University (December 2013- December 2015)
- ✓ Research Assistant in "**SECOA**" Project (**Solutions For Environmental Contrasts In Coastal Areas**, Science and Technology Park, University of Pune (July 2010 to November 2013))
- ✓ Differential Global Positioning System (dGPS) Survey, Chennai (as part of SECOA Project), (January -2011).
- ✓ Research project – "**Change Detection Study Using Multi-Temporal Satellite Data**" CEPT University, Ahmedabad, Gujarat. (15<sup>th</sup> March To 15<sup>th</sup> May 2010)
- ✓ Research project – "**Tourism Development And Potential In Vishalgad : A Geographical Analysis**" (November 2008 to March 2009).

## INTERNATIONAL / NATIONAL CONFERENCES AND SEMINARS ATTENDED :

1. Inter-National SECOA Project Meeting in **Rome , Italy**, 19<sup>th</sup> to 21<sup>st</sup> November, 2013.
2. Inter-National SECOA Project Meeting in **Mumbai**, 3<sup>rd</sup> to 7<sup>th</sup> December 2012.
3. Inter-National Workshop on Data Uploading in London Metropolitan University, **London**, U.K., 2<sup>nd</sup> to 4<sup>th</sup> April 2012.

## CERTIFICATE COURSE:

- ✓ Hydrological Modeling using “HEC-HMs and HEC-RAS” organized by National Institute of Hydrology Roorkee under National Hydrology Project (NHP) during Oct. 19-23, 2020.
- ✓ Hydroinformatics for Integrated Water Resources Management (GIAN Course) 28<sup>th</sup> November, 2016 to 9<sup>th</sup> December, 2016 on **Soil and Water Assessment Tool (SWAT)**.
- ✓ Training Course on **Soil and Water Assessment Tool (SWAT)** Modeling, (16<sup>th</sup> December to 20<sup>th</sup> December 2013), National Institute of Hydrology, IIT Roorkee, Uttarakhand.
- ✓ Successfully completed Maharashtra State Certificate Course in Information Technology (MSCIT, 2008).

## SWAYAM COURSE:

- ✓ Geography and Tourism

## AWARDS AND DISTINCTIONS:

- ✓ First prize award for data uploading in **London Metropolitan University, U.K.** (2013).
- ✓ Third prize award for “**Geographical Model Exhibition**”, Balasaheb Desai College, Pathan, Satara, 2<sup>nd</sup> & 3<sup>rd</sup> February 2007.
- ✓ Third prize award in “**MUKTA H.I.V./ AIDS**” Janjagruti Pathnatya Competition, 5<sup>th</sup> December, 2005.

### CO-CURRICULAR ACTIVITY:

- ✓ Actively participated in the Department of Geogrpahy, Gopal Krishna Gokhale College.
- ✓ Actively participated in the Department of Geogrpahy, Savitribai Phule Pune University, many events like **Science Day Exhibition, Mr. & Mrs. Geography, Thinking Space, Sole to Soul.**
- ✓ Attended 10 days **N.S.S.** camp of college level at Shivaji University, Kolhapur between 10 December 2005 to 19 December 2005.
- ✓ Attended 10 days special **N.S.S.** camp of University level in Shirol & Hatkanagle Tahsil between 11 January 2008 to 20 January 2008.
- ✓ **“Scout-Guide”** District level Workshop participate 15 February 2001 to 17 February 2001.

**PERSONAL PROFILE:**

Name : Susware Nilesh Kamalakar.  
Father's Name : Susware Kamalakar Ramu.  
Mother's name : Susware Sunita Kamalakar.  
Spouse Name : Susware Vinaya Nilesh  
Date of Birth : 10<sup>th</sup> September 1986.  
Sex : Male.  
Marital Status : Married.  
Nationality : Indian.  
Religion : Hindu.  
Cast : Maratha.  
Language : English, Marathi, Hindi. (Read, Write, Speak)  
Hobbies : Cooking, Gardening.  
Permanent Address : 790/ B, Plot No 6,  
Panchagaon Road,  
Jagatap Nagar,  
Kolhapur-416007.  
Mobile No : +91 77984 47199  
Email : [nileshsusware@gmail.com](mailto:nileshsusware@gmail.com)  
Skype : nilesh.susware

**DECLARATION:**

I hereby declare that the above information is correct and true to the best of my knowledge and belief.

Place: - Kolhapur.

Date: 8<sup>th</sup> October, 2025



(Susware Nilesh Kamalakar)