

Curriculum Vitae

Ms. Ranjana Santosh Kale (R. W. Gore)

E-mail: goreranjana123@gmail.com

Mobile No.: 9404982462

Teaching Experience of 12.3 years + Research 3.9 years

Qualification: B.E., M.E., Ph.D.(F.T. Pursuing) Computer science and Engineering



MH-SET Qualified , UGC NET Qualified

Educational Qualification					
Degree	University/ board	Institute	Percentage	Class	Year
PhD (CSE) (Full Time)	Dr. BAMU	Dr. BAMU	Pursuing	-	Reg. 2018 (Thesis submitted)
ME(CSE)	Dr. BAMU	GECA	81.25	Distinction	2011
BE(CSE)	Dr. BAMU	JNEC	65.38	First	2006
HSC	A'BAD	SBESA	88.83	Distinction	2002
SSC	A'BAD	SMGHA	82.13	Distinction	2000

Experience			
Sr. No.	Name of post/designation	Name of Organization	No. of years Teaching Experience 15+ Years
	Research Experience	Dr. B.A.M. University	3 years 9 months
1.	Assistant professor from 1 st Aug 2013 to Nov 2018	MIT(E), MIT(P) Aurangabad	5 years, 4 Months
2.	Head of the department and Assistant Professor from 25 th June 2010 to 31 July 2013. (UGC Approved)	Savitribai Phule Women's Engineering College, Aurangabad	3 years 1 month
3.	(Full Time) Lecturer from 15 Sept 2008 to 24 Jun 2010	Government Engineering College, Aurangabad	1 year 9 months
4.	(Full Time) Lecturer from 10 Jun 2006 to 02 Aug 2008.	Shivaji College, Kannad, Aurangabad	2 years 1 month

List of Courses Taught:

- Machine Learning
- Data Mining and Data Warehousing
- Soft Computing/ ANN
- Database Management System
- Theory of computation/ Formal Languages and Automata Theory
- Digital Electronics
- Discrete Maths
- Advanced Algorithms
- PECS, Computer networks
- Web programming languages
- Computer Graphics
- **Programming Languages & tools:** C, C++, Python, MATLAB, ERDAS Imagine, ENVI, Oracle, etc.
- **Copyright for Software Code:** “Python Module for Image of Hyperion Sensor of EO1 Satellite” Software code (Under Scrutiny)
- **Responsibilities Handled**
 - ✓ Worked as Head of the department
 - ✓ Worked as NBA coordinator
 - ✓ Conducted course for C programming.
 - ✓ Worked as project Coordinator
 - ✓ Worked as Term Work Coordinator
 - ✓ Dr. BAMU Exam US

Courses Attended:

- Certification course “python for Data Science”, by SWAYAM NPTEL with Elite, 2019 With proctored and non-proctored Exam.
- Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System- 36th Outreach Programme Course, conducted by Indian Institute of Remote Sensing, ISRO, Dehradun, from 4-9-2018 to 16-11-2018
- Remote Sensing and Digital Image Analysis- 37th Outreach Programme Course, conducted by Indian Institute of Remote Sensing, ISRO, Dehradun from 4-9-2018 to 14-09-2018.

- Hyperspectral Remote sensing and its applications, 41st Outreach Programme Course, conducted by Indian Institute of Remote Sensing, ISRO, Dehradun from 21-01-2019 to 01-02-2019.
- 63rd RS Applications in Agricultural Water Management, IIRS Outreach Programme, conducted by Indian Institute of Remote Sensing, ISRO, Dehradun, 03-07 Aug 2020.
- MOOC on “**Earth Imagery at Work**” 6 weeks, Completed on May 16, 2019 by **ESRI**
- MOOC on “**Cartography**” 6 weeks, Completed on May 16, 2019 by **ESRI**
- Training **ArcGIS Desktop, ArcGIS Map, ArcScene** (3 days) by ArcGIS, **ESRI**
- Training on “**Building 3D cities using Esri City Engine**, completed on 21 May 2019 by **ESRI**
- Attended many workshops, STTPs and FDPs based on academics and advanced topics

- **International Journal and Conference Papers**

1. Ranjana Gore, Abhilasha Mishra, and Ratndeeep Deshmukh, “Exploring the Mineralogy at Lonar Crater with Hyperspectral Remote Sensing,” *J. Geol. Soc. India*, Vol. 97, No. 3, Pp. 261–266, 2021, Doi: 10.1007/S12594-021-1676-4. (Scopus, SCI)

2. Ranjana W. Gore, A. D. Mishra, R. R. Deshmukh, I. B. Abbasov, And P. U. Randive, “LULC-Analysis of Land-Use with The Help of Unsupervised Classification,” *Izv. Sfedu. Eng. Sci.*, Vol. 4, No. 93, Pp. 184–192, 2020. (SCI)

3. Ranjana Gore, A. Mishra, And R. Deshmukh, “Mineral Mapping at Lonar Crater Using Remote Sensing,” *Journal of Scientific Research*, Vol. 64(2), pp. 1-7, June 2020. (UGC appr.)

4. Ranjana W. Gore, S. Kasar, and Abhilasha Mishra, “Mineral Mapping and Lithological Discrimination Using Remote Sensing In Indian Region: A Review”, *International Conference on Innovations in Engineering, Technology and Sciences (ICIETS)*, IEEE, 20 and 21 September 2018, NIE Institute of Technology, Mysuru.

5. Ranjana Gore, Abhilasha Mishra, and Ratnadeep Deshmukh, Ranjana Gore, Abhilasha Mishra, and Ratndeeep Deshmukh, “Hyperspectral Image Classification Using Machine Learning”, in *Proceedings of the International Conference on Data Science, Machine Learning and Artificial Intelligence (DSMLAI’21’)*, 9-12 August, Association for Computing Machinery, New York, NY, USA, Pp. 261-265, 2021.

6. Ranjana Gore, Deepa Deshpande, “Voting Method for AQI Prediction and Monitoring Air Pollution using Real-Time Data”, *International Conference on Smart Innovations in Design, Environment, Management, Planning and Computing*, organized by MGM's Jawaharlal Nehru Engineering College Aurangabad, Maharashtra, IEEE, 30-31 Oct 2020.

7. Ranjana Gore, Deepa Deshpande, “An approach for classification of health risks based on air quality levels”, 2017 1st International Conference on Intelligent Systems and Information Management (ICISIM), IEEE, pp. 58-61, 2017.
8. Nagori M.B., Gore Ranjana W., Dr. Madhuri Joshi, “Dynamic Causal Modelling for Schizophrenia”, International Symposium on Humanities, Science and Engineering Research, Kuala Lumpur, Malaysia, IEEE, pp. 78-83, 2011.
9. Ranjana Gore, Deepa Deshpande, “Air Data Analysis for Predicting Health Risks”, International Journal of Computer Science and Network, Elsevier, Vol. 7(1), pp. 36-39, 2018.
10. Gore Ranjana Waman, “Mineral Mapping in the Region of Lonar Sarovar”, International journal of Computing and Corporate Research, Vol. 6(4), pp. 1-5, 2016.
11. Gore Ranjana Waman, Rucha Tare, “Database Watermarking Using SHA 512 Signature Generation Technique”, International Journal of Computer Science and Information Technologies, Vol.5 (3), pp. 4065- 4068, 2014.
12. Gore Ranjana Waman, “Automated Classification of Schizophrenia with Neural Networks”, International Journal of Computer Science and Technology, Vol 4(1), pp.594-597 , 2013.
13. Gore Ranjana W, Dharmadhikari Dipa, “Classification of Schizophrenic and Controls using fMRI Data”, International Journal of Computing and Corporate Research, Vol. 1(2), pp. 1-15, 2011.

Date: 10-05-2022

Place: Aurangabad