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1. Name and full corresponding address:

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3. Institution:

Kavayitri Bahinabai Chaudhari North
Maharashtra University, Jalgaon, Maharashtra
(INDIA)

4. Date of Birth:

12th April, 1975

5. Gender:

Male

6. Academic Qualification (Undergraduate Onwards):

Sr. No.	Degree	Year	Subject	University/Institution
1.	B. Sc.	1996	Geology	Gurunanak College, Ballarpur (R. T. M. Nagpur University, Nagpur)
2.	M. Sc.	1998	Geology	Postgraduate Department of Geology, R. T. M. Nagpur University, Nagpur
3.	SET	2000	Geology	University of Pune (As a state agency)
4.	Ph. D	2003	Geology	R. T. M. Nagpur University, Nagpur

7. Work experience (In chronological Order):

Sr. No.	Position held	Name of the Institute	From	To
1.	Associate Professor	School of Environmental and Earth Sciences, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon	13 th January, 2021	Till Date
2.	Assistant Professor		25 th September 2007	12 th January, 2021

3.	Junior Geologist	Groundwater Survey and Development Agency, Department of Water Supply and Sanitation, Govt. of Maharashtra	19 th October 2005	24 th September, 2007
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8. Research Guidance:

Sr. No.	Name of the Candidate	Title of the research	Date of Registration	Status of Research work
1.	Sujit Suresh Shimpi	Hydrogeological Investigations in the Bori-Chikli Watershed Using Geospatial Technology	May, 2013	Awarded (17 th May, 2021)
2.	Kuldip Pravin Upasani	Geospatial and Geostatistical study for evaluation of Groundwater Resources in lithologically diversified Amb watershed, Nagpur district, Maharashtra	May, 2013	Awarded (26 th October, 2021)
3.	Bhagyashree Ramdas Wankhede	An Integrated Hydrogeological Study for Sustainable Development of Gomai and Amravati Watersheds of Nandurbar District, Maharashtra, India	Jan, 2014	Awarded (11 th April, 2022)

9. Research Projects Ongoing/ Completed:

Sr. No.	Title of the Research Project	Awarding Agency	Amount (In Lacs)	Duration
Ongoing Research Projects				
1.	Integrated Geological Investigations for Sustainable Development of Vaki Watershed of Nandurbar District using Geospatial Technology	Rajiv Gandhi Science and Technology Commission, Mumbai	4.5	10/03/2022 To 09/03/2024
Completed Research Projects				
2.	Integrated Geological Investigations for Solid Waste Disposal Site Selection for Jalgaon City Using High Resolution Remote Sensing and GIS	UGC, New Delhi	1.5	01/02/2010 To 31/01/2012
3.	Statistical methods and Geomatics for water resources mapping of Girna watershed of Jalgaon District.	Vice Chancellor Research Scheme, North Maharashtra University, Jalgaon	0.80	01/04/2014 To 30/03/2016

10. **Publications** (List of papers published in SCI Journals, in year wise descending Order):

Sr. No.	Author (s)	Title	Name of the Journal	Year
1.	Rokade, V. M. and Shimpi, S. S.	Evaluation of Aquifer Parameters in the Bori-Chikli Watershed of Jalgaon District, Maharashtra State, India	Journal of Geosciences Research v. 7(2), pp. 216-220.	2022
2.	Rokade, V. M. and Shimpi, S. S.	Application of Vertical Electrical Sounding to Decipher Groundwater Prospecting Zones in the Bori-Chikli Watershed of Jalgaon District, Maharashtra State	Journal of Geosciences Research v. 6(1), pp. 113-119.	2021
3.	Rokade, V. M. and Wankhede, B. R.	Spatial Distribution of Groundwater Quality Parameters in Gomai watershed, Nandurbar District, Maharashtra, India	Solid State Technology. v.64 (1),pp. 905-922.	2021
4.	Rokade, V. M. and Shimpi, S. S.	Comparative Drainage Morphometric Evaluation Of Lithologically Varied Sub-Watersheds Of Bori-Chikli Watershed, Jalgaon District, Maharashtra.	Journal of Indian Water Works Association, v. LI(4),pp. 274-281.	2019
5.	Rokade, V. M.	Application Of Remote Sensing And GIS For Groundwater Potential Zonation: A Case Study Of Girna Watershed, Maharashtra, India.	Journal of Geosciences Research Spl. v.2, pp. 21-28.	2019
6.	Upasani, K. P. and Rokade, V. M.	Spatial Distribution of Groundwater Qualitative Parameters in lithologically diversified Amb Watershed, Nagpur District, Maharashtra. Spl. Vol. No. 2 (2019), pp. 127- 134.	Journal of Geosciences Research, Spl. v.2, pp. 127-134.	2019
7.	Shimpi, S. S., Upasani, K. P and Rokade, V. M.	Application of Remote Sensing and GIS for Groundwater Potential Zonation: A Case Study of Bori-Chikli Watershed, Maharashtra, India.	Bulletin of Pure and Applied Sciences. Vol.38 F (Geology), No.1, pp.114-127	2019
8.	Ghope, N. S. , Dandge, K. P., Ingle, S. T. and Rokade, V. M.	GIS Application for Assessment and Mapping of Irrigation Water Quality in Piedmont Plain of Jalgaon District, Maharashtra, India.	International Journal of Advanced Remote Sensing and GIS v. 8 (1), pp. 2997-3010	2019
9.	Rokade, V. M. and Naitam, S. S.	Statistical Analysis for Establishing the Relation of Decadal Rainfall Data and Variation in Ground Water Levels: A Case Study of PTW1 Watershed, Buldhana District of Maharashtra State.	International Journal of Research in Advent Technology v.7(3),pp. 1411-1417	2019

10.	Upasani, K. P. and Rokade, V. M.	Morphometric Study of Amb Watershed from Nagpur District, Using GIS based Quantitative Spatial Analysis,	Journal of Indian Geological Congress v.10 (2), pp. 27 - 39	2018
11.	Shimpi, S. S., and Rokade, V. M.	GIS Based Morphometric Analysis of Bori-Chikli Watershed of Jalgaon District, Maharashtra, India, Vol. 8, No. 3 (2017), pp. 1-8	Int. J. Econ. Environ. Geol. v. 8 (3), pp. 1-8	2017
12.	Rokade, V. M.	Weighted Overlay Analysis for Sustainable Management of Municipal Solid Waste	Jour. of Indian Geological Congress v. 9(1), pp. 25-35	2017
13.	Rokade, V. M.	Morphometric Analysis And Statistical Study Of Girna Watershed, Jalgaon District: A Geomatic Approach	Journal of Geosciences Research v.2(2), pp.175-185	2017
14.	Shimpi Sujit, Mahajan Chetan and Rokade, V. M.	Drainage Morphometric Approach for evaluation of water conservation potential and artificial recharge structures site suitability	Gondwana Geological Magazine Spl. v. 14 , pp. 57-64	2014
15.	Rokade, V. M.	Geoscientific Investigations for Searching suitable Solid Waste Disposal Site using Remote Sensing and GIS.	International Journal of Economic and Environment Geology v. 4(1), pp. 27-35	2013
16.	Bhoyar C. P., Khadse S. P. and Rokade V. M.	Geophysical Approach for Delineation of Ground Water Potential Zones: A Case Study from Deccan Basalt	Memoir of Geological Society of India Memoir. 80, pp. 67-77	2012
17.	Khadse S. P. and Rokade V. M. , Ramteke, R. J., Bhoyar C. P. and Khadse S. P.	Groundwater Level Forecasting Using Learning Vector Quantization (LVQ): A Case Study from Kholad Watershed, Wardha River Basin, Amravati District, Maharashtra.	Gondwana Geological Magazine v. 27 (2), pp. 165-171	2012
18.	Rokade, V. M.	GIS Modelling For Identification Of Suitable Artificial Recharge Sites: A Case Study Of Chandrapur District, Maharashtra.	Journal of Applied Hydrology v. 24 (3&4), pp. 64-75	2011
19.	Patil S. N., Rokade V. M. , Patil S. P., Patil S.	Hydrogeochemical Investigation of Groundwater from Faizpur area of Jalgaon District, Maharashtra.	Journal of Applied Geochemistry v. 12 (2), pp. 217-223	2010

	and Jagdale S.			
20.	Rokade, V. M. , Joshi, A. K. And Kundal, P.	Drainage Morphometric Analysis of the Sasti Watershed, Chandrapur District of Maharashtra using Remote sensing and GIS.	Gondwana Geological Magazine v. 23 (2), pp. 151-158	2008
21.	Rokade, V. M. , Kundal, P. and Joshi, A. K.	Groundwater Potential Modeling through Remote Sensing and GIS: A case study from Rajura Taluka, Chandrapur District (MS)	Journal of The Geological Society of India v. 69 (5), pp. 943-948	2007
22.	Rokade, V. M. , Kundal, P. and Joshi, A. K.	Water Resources Development Action Plan prepared for Sasti Watershed using Remote Sensing and Geographic Information System.	Journal of Indian Society of Remote Sensing , v. 32 (4), pp. 364-372	2004

11. Book Chapters:

Sr. No	Title of the Book	Name of the Publisher with address	Chapter	Year
1	Recent Advances in Geology and Earth Sciences (Vol. 1)	AKINIK Publications, New Delhi	Chapter - 3 Title of the Chapter: “Groundwater Prospecting In Girna Watershed: Geological And Geomorphological Perspective”	2019
2.	Recent Advances in Geology and Earth Sciences (Vol. 1)	AKINIK Publications, New Delhi	Chapter - 4 Title of the Chapter: “Drainage Morphometric Evaluation Of Girna Watershed”	2019
3.	Recent Advances in Geology and Earth Sciences (Vol. 2)	AKINIK Publications, New Delhi	Chapter - 4 Title of the Chapter: “Groundwater Qualitative Evaluation of Amb Watershed, Nagpur District of Maharashtra”	2022
4.	Recent Advances in Geology and Earth Sciences (Vol. 3)	AKINIK Publications, New Delhi	Chapter - 4 Title of the Chapter: “Groundwater Development and Management Action Plan for Bori-Chikli Watershed of Jalgaon District, Maharashtra, India”	2022

12. Edited Books

Sr. No	Role Played	Title of the Book	Name of the Publisher with address	ISBN No.	Year of Publication
1	Chief Editor	Recent Advances in Geology and Earth Sciences (Vol. 2)	AKINIK Publications, New Delhi	978-93-5570-037-7	2022
2.	Chief Editor	Recent Advances in Geology and Earth Sciences (Vol. 3)	AKINIK Publications, New Delhi		2022

13. Research Reports/General articles etc.:

Sr. No.	Title	Author's Name	Publisher	Year of Publication
Research Project Reports				
1.	Statistical methods and Geomatics for water resources mapping of Girna watershed of Jalgaon District	Rokade, V. M.	North Maharashtra University	2016
2.	Integrated Geological Investigations for Solid Waste Disposal Site Selection for Jalgaon City Using High Resolution Remote Sensing and GIS	Rokade, V. M.	UGC	2012
Conference Proceeding				
1.	Application of Remote Sensing and GIS techniques in Geo-environmental Disposal Site Investigation for Jalgaon Municipal Solid Waste Management	Rokade, V. M.	Deccan Education Society, Pune	2015
General Articles				
1.	Agrogeological Studies For Potential Farming	Rokade, V. M.	Bio-Nano Frontier	2014
2.	Medical Geology: Integrated Study of Geochemistry and Health	Rokade, V. M.	Journal of Applied Environmental Chemistry	2012
3.	Watershed Management: Remedy for Water Scarcity	Rokade V. M. , Agarval D. K. and Kundal M. P.	Bionano Frontier	2012
4.	Geo-Environmental study of Rock Quarrying in the Savda Area, District Jalgaon (Maharashtra): Geo-Spatial Approach	Rokade V. M. , Kundal M. P. and Waghulde K. D.	Bionano Frontier	2012

5.	Role of Information Technology in Watershed Management and Food Security	Ramteke R. J., Rokade V. M. and Bhojar C. P.	North Maharashtra University	2010
6.	Solid waste disposal site selection from CARTOSAT-2A stereo data	Rokade, V. M.	Enrich Environment	2008
7.	Satellite Remote Sensing: An Overview	Rokade, V. M. and Kundal, P.	Every Man's Science	2005

14. Events Organized:

Sr. No.	Name of the event	Level	Dates	Roles Played	Sponsoring Agencies
1.	Webinar On 'Role Of Geosciences In Drought Management: Issues, Challenges And Opportunities'	National Level	17 th June, 2021	Organizing Secretary	Kavayitri Bahinabai Chaudhari North Maharashtra University
2.	National Conference on "Advances in Environmental Sciences and Geospatial Technology" (AESGT-2018)	National Level	15 th -16 th February, 2018	Organizing Secretary	
3.	"GIS Applications in Natural Resource Management"	National Level	10 th February, 2017	Organizing Secretary	
4.	Research Project Presentation Competition	University Level	31/01/2019	Coordinator	Department of Student Welfare, KBCNMU
5.	National Science Day Celebration	University Level	Every Year	Coordinator/ Member	Rajiv Gandhi Science and Technology Commission

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