

Name of the Teacher: Dr. M. M. Deshmukh Total

citations –

h-Index –

Highest Impact Factor 5.97

S. N.	Title of Research Paper	Name of the Journal	Vol. No./Page No./ Year	Impact factor if any
1	Geospatial study on Morphometric characterization of Tapi micro watershed of Asirgarh, Burhanpur District, MP, India	International Journal of Research (IJR)	Volume 2, Issue 10, October 2015, pp: 591-601.	4.226
2	Morphometric Analysis of Tapi micro - watershed using remote sensing and GIS Technique in Burhanpur District of M.P. India	IJPRET	Volume 3 (9), March 2015, pp 64- 75.	4.226
3	Geographic information system based on Morphometric analysis of Asirgarh area, Burhanpur District, MP, India	IJPRET	Volume 4 (9), May 2016, pp 201- 212.	4.226
4	Petrography of Asirgarh Volcanic, Burhanpur District, Madhya Pradesh.	Journal of Applied Science and Comutations (JASC)	Volume 5 (5), May 2018, pp. 122-128.	5.8
5	Priliminary Flow Stratigraphy of Asirgarh Volcanic, Burhanpur District, Madhya Pradesh.	International Journal of Creative Research through (IJCRT)	Volume 6 (2), April 2018, pp. 741-745.	5.97
6	Major Earth Elements Geochemistry of Asirgarh Volcanics.	International Education and Research Journal (IERJ)	Volume 5 (3), March 2019, pp. 22-24.	5.56.
7	Geomorphology of Asirgarh Volcanics Volcanic, Burhanpur District, Madhya Pradesh.	Universal Review (Scientific Information and Technological	Volume 10 (4), March 2019, pp. 56-64.	5.52

		BoardofSadhana)		
8	ApplicationofMorphometric Analysis for geohydrological studiesusingGIS technology- A case study from Asirgarhregion ,Burhanpur dist. M.P.	Gondwana GeologicalSociety (Conferenceon Challengesin Groundwater &surfacewater in India)	Volume2,2019, pp.121-126	
9	"Unveiling the Washim Land Cover : A Multispectral Approach using Sentinel-2 Remote Sensing & GIS Data",pp:	Conference Processing Emerging Trends in Computational Science and Technology	ISBN 13 : 978-81-19435-61-6,GL 5-8	
10	Morphometric Analysis of Linear Aspect Parameters of Asirgarh Region, Madhya Pradesh, India – A GIS Approach	Conference ProcessingEmerging Trends in Computational Science and Technology		
11	Asirgarh Formation Stratigraphy: A study of the Asirgarh Region, Madhya Pradesh, India	IDEAL- V – XII, I- II,	ISSN-2319-359X	
12	Palaeomagnetic Polarity of the Deccan Basalt Lava Flows, Exposed Around Eastern Part of Amravati City, Central India: Implications of N-R Sequence	JOURNAL OF SCIENTIFIC RESEARCH	Vol. 17 (1), 317-323 (2025)	4.003

13	Exploring the Stratigraphy & Geochemical Profile of Dahinala Formation in the Asirgarh Region, Madhya Pradesh, India,	ROYAL	ISSN 2278-8158 2025 Volume - XIV Issue - I pp. 89-98	
14	Rocks and Landforms of Asirgarh Area, M.P. India: A Field-Based Perspective	International Journal of Research in Academic World	2025 Volume: 4 Issue: 8 pp-10-13	
15	FTIR and UV-Vis Assessment of Impact-Generated Glass, Vesicular Basalt and Weathered Red Boles in the Lonar Crater System,	International Journal of Advanced Research in Science, Engineering and Technology	Vol. 12, Special Issue, December 2025, ISSN: 2350-0328,pp 665-670.	7.150
16	Remote Sensing and GIS Based Geomorphological Mapping of Amravati District Maharashtra,	International Journal of Advanced Research in Science, Engineering and Technology	Vol. 12, Special Issue, December 2025, ISSN: 2350-0328,pp 818-823	7.150
17	Cotton Crop Yield Estimation Using Multi Spectral Data in GIS Environment: A Comparative study from Amravati Tehsil for Year 2023-2024	, International Journal of Advanced Research in Science, Engineering and Technology	Vol. 12, Special Issue, December 2025, ISSN: 2350-0328,pp 902-909	7.150
18	Petrogenetic Implications from the Petrography of Lonar Volcanic Rocks, Deccan Traps,	International Journal of Advanced Research in Science, Engineering and Technology	Vol. 12, Special Issue, December 2025, ISSN: 2350-0328,pp 944-950	7.150

19	PALAEOMAGNETIC INVESTIGATION OF THE DECCAN BASALT LAVA FLOWS, AMBA FORMATION, CENTRAL INDIA: INSIGHTS OF TD AND AFD TECHNIQUES ,	Advanced Engineering Science,	ISSN: 2096-3246 Volume 58, Issue 02, 2026, pp-1-14	
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Book Chapter Published List :Dr. M.M Deshmukh

S. N.	Title of Book Chapter	Name of the Book	Published by	Vol.No./Page No./ Year
1	Morphometric Investigation of Tapi Micro Watershed, Asirgarh, Burhanpur District, MP, India with Emphasis on Geographical Data Analysis	New Visions in Science and Technology	B P International	Vol.7 ISBN:978-93-5547-228-1, 2021, pp-135-146
2	Climate Change Impact on Groundwater Resources in Semi-arid Regions	Climate Change Impact on Groundwater Resources Human Health Risk Assessment in Arid and Semi-arid Regions	Springer	ISBN 978-3-031-04707-7, 2022, pp 9-23
3	Petrographic Investigation of basaltic lava flows from Dahinala formation, Malwa Subgroup, Asirgarh, Madhya Pradesh, India	Geological Development in Anthropocene	Excel India Publishers, New Delhi	ISBN 978-93-91355-17-3, 2022, pp 223-238
4	Hydro – Geodynamics of Groundwater in Mahalgaon Area, Bhandara District, Central India	Geosciences & sustainable Development in Tribal Areas	Gondwana Geological Society, Nagpur	V-3, 2024, ISBN 978-81-955246-8-6, PP- 77-80
5	Morphometric Analysis of Linear Aspect Parameters of Asirgarh Region, Madhya Pradesh, India – A GIS Approach	Emerging Trends in Computational Science and Technology	Dnyanpath Publication	ISBN 13 : 978-81-19435-61-6, pp: GL 9- 13, 2024
6	Unveiling the Washim Land Cover : A Multispectral Approach using Sentinel-2 Remote Sensing & GIS Data	Emerging Trends in Computational Science and Technology	Dnyanpath Publication	ISBN 13 : 978-81-19435-61-6, pp- GL 5- 8, 2024

7	Monitoring and forecasting of land use/land cover (LULC) Change 2021-2023 of Abu using Machine Learning in Google Earth Engine	Advances in Hydrogeology and Groundwater Systems Geochemistry and GIS Perspectives	CHYREN PUBLICATION Palwal Haryana, India	ISBN: 978-93-7143-572-7, pp-90-101, 2026
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