

FACULTY PROFILE: PROF. ATHOKPAM K. SINGH

Name	Prof. Athokpam Krishnakanta Singh	
Designation	Professor	
Department	Applied Geology	
School	School of Engineering & Technology	
Date of holding Present Post	07-11-2023	
	E-mail : aksingh_wihg@rediffmail.com : aksingh@dhsgsu.edu.in Mobile: (91) 09412054678 (M) : (91) 06395239254 (M) Department Website: https://dhsgsu.edu.in/index.php/en/departments01/applied-geology University Website: https://dhsgsu.edu.in	Contact Address: Department of Applied Geology Dr. Harisingh Gour University Sagar - 470003, Madhya Pradesh (INDIA) Formerly: Scientist-F Wadia Institute of Himalayan Geology, Dehradun (An autonomous Institution of Department of Science & Technology, GoI, New Delhi

Researchgate: https://www.researchgate.net/profile/A_Krishnakanta_Singh (24 h-index)

Google Scholar: <https://scholar.google.com/citations?user=qFKf5yQAAAAJ&hl=en>

EDUCATIONAL QUALIFICATIONS (UG ONWARDS):

PDF (The Open University, England): 2011

Topic: Geochemical and geochronological studies of magmatic rocks from eastern Himalaya and Ophiolites of northeast India

Ph.D. (Kurukshetra University, Haryana) 2002:

Topic: Petrology and geochemistry of the granites and associated acid volcanic rocks around Kundal area, Barmer District, Rajasthan, India: Petrogenesis and Rare Metal Mineralization Potential

M.Sc. Applied Geology, 1997: Department of Geology, Kurukshetra University, Haryana

B.Sc. Geology (Hons.) 1994: D. M. College of Science, Imphal (Manipur University, Manipur)

FIELD OF SPECIALIZATION AND RESEARCH INTEREST

Igneous Petrology, Geochemistry, Geochronology, Mineralization, and Himalayan Tectonics:

My current research interests include: Understanding the geodynamic evolution of both crust and lithospheric mantle during continental collision, subduction, and obduction processes using proxies like whole-rock geochemistry, mineral chemistry, isotopic signatures, and U-Pb geochronology, etc. Study the characteristics of Ni-Cu-PGE in chromite and mantle peridotites to establish the role of partial melting/fractionation processes, geotectonic setting, and the chemical-physical conditions prevailing in the mantle during ophiolite formation. I also enjoy tweaking inductively coupled plasma mass spectrometers (ICP-MS).

PROFESSIONAL CAREER PROFILE: (Wadia Institute of Himalayan Geology (WIHG), Dehradun
Dr. Harisingh Gour University (DHSU), Sagar)

Professor, Department of Applied Geology, Dr. Harisingh Gour University, Sagar, India
(Nov 2023 – continue)

Scientist - F, Wadia Institute of Himalayan Geology, Dehradun, India (2022 – 2023)
(Merit Promotion)

Scientist - E, Wadia Institute of Himalayan Geology, Dehradun, India (2017-2022)

Scientist - D, Wadia Institute of Himalayan Geology, Dehradun, India (2013-2017)

Scientist - C, Wadia Institute of Himalayan Geology, Dehradun, India (2007-2013)

Scientist - B, Wadia Institute of Himalayan Geology, Dehradun, India (2002-2007)

AWARDS/SCHOLARSHIPS/FELLOWSHIP:

- Awarded the prestigious S. M. Naqvi Gold Medal – 2025 in recognition of outstanding contributions in the field of Igneous Petrology and Geochemistry by the Geological Society of India, Bangalore
- Awarded “BOYSCAST Fellowship” 2010-11 for post-doctoral research work (one year) in the Open University, Milton Keynes, United Kingdom (UK) by the Department of Science & Technology, Govt. of India, New Delhi.
- Awarded Senior Research Fellowship (CSIR-SRF) by the Council of Scientific & Industrial Research, Govt. of India in 2001-02.
- Awarded University Research Scholarship (URS) by the Kurukshetra University, Kurukshetra in 1998-99 for Doctoral research work.
- Nominated and sponsored by the Department of Science & Technology, Govt. of India, New Delhi, to participate in the exposure visit of Indian Scientists to China from 16 to 24 August 2014.
- Selected by the DST, Govt. of India, New Delhi for presentation of research highlights in the Young Scientist Contest held at VIT University, Vellore in 2008.
- Received FT Young Scientist Project (without JRF) funded by the Department of Science & Technology, Govt. of India (2003).
- Received FT Young Scientist Project (with JRF) funded by the Department of Science & Technology, Govt. of India (2010).
- “Best Poster Presentation Award” in the International Seminar on Magmatism, Tectonism and Mineralisation (MTM-2014) held from 27-29 March, 2014 organized by Kumaun University, Nainital for the poster entitled “Petrogenesis and tectonic-magmatic implication of mafic volcanic rocks from the Manipur ophiolitic mélange zone, northeast India” authored by S.K. Singh and A.K. Singh.

- “Best Oral Presentation Award” for the paper entitled “Forearc magmatism near the eastern flank of the Indian plate: Evidence from geochemistry of mafic intrusive rocks of the central part of Nagaland-Manipur Ophiolite, Northeast India” authored by S. K. Singh and A.K. Singh in the National Geo-Research Scholar Meet (NGEOSM-2016) held from 1-4 June, 2016 at Wadia Institute of Himalayan Geology.

SUPERVISION / GUIDANCE TO PH.D. STUDENTS / PDF / RA:

- Eleventh (11) Ph.D. students supervised: Registered and awarded by different Universities/Institutes (Banaras Hindu University, Varanasi; Indian Institute of Technology, Roorkee; Kumaon University, Nainital; Kurukshetra University, Kurukshetra, Manipur University, Imphal)
- Six Ph.D. students supervising.
- Two PDF/RA mentored.
- Twenty M.Sc./M. Tech. dissertation mentored.

ACADEMIC VISITS TO ABROAD:

- **USA** - San Francisco: To present research achievement during the 25th HKT workshop, June 2010 held at the San Francisco University
- **UK** - The Open University, Milton Keynes for post-doctoral research work (2011-2012) under “BOYSCAST Fellowship” awarded by the Department of Science & Technology, Govt. of India.
- **China** - Beijing, Shanghai: Under the DST, Govt. of India sponsored Exposure visit of Indian Scientists to China (16th - 23th August, 2014)
- **Hong Kong**: Under the DST, Govt. of India sponsored Exposure visit of Indian Scientists to China (16th - 23th August, 2014)
- **Taiwan** - Taipei: Academic visit to National Taiwan University (NTU) and Academia Sinica, Taipei (during Oct. to Nov, 2015)
- **USA** – Hawaii: To present research outcome during 15th Annual Meeting of AOGS, 03-08, June, 2018 held at Honolulu, Hawaii
- **Oman** – Muscat: To present research achievement during the International Conference on Ophiolite and Oceanic Lithosphere held at the Sultan Qaboos University Muscat, Oman, January 12-14, 2020
- **Myanmar** – Short field visit neighboring to India – 2010, 2012, 2015, 2017, 2000

RESEARCH PROJECT: Completed/Ongoing/Approved

Project Title	PI or Co-PI	Duration/Status	Name of Sponsoring Funding Agency
Petromineralogical and geochemical characterization of the Ophiolitic Suite in Manipur, North Eastern India	Principal Investigator	36 months Completed (02-11-2008)	Dept. of Science & Technology (DST), Govt. of India, New Delhi
Investigating along-strike changes in collision and exhumation tectonics across the eastern Himalaya	Co-Principal Investigator	6 months Completed 2012	NERC Isotope Geosciences Laboratories (NIGL), United Kingdom
Mineralization and Petrogenesis of Mantle sequence and Cumulates of the Manipur Ophiolite Complex, Indo-Myanmar Orogenic Belt, NE India	Principal Investigator	36 months Completed (31-10-2015)	Dept. of Science & Technology (DST), Govt. of India, New Delhi
Geochemistry and Geochronology of the Tethyan ophiolites of the Indo-Myanmar Orogenic Belt, Northeast India: Geodynamic and petrogenetic implications and mineralization	Principal Investigator	36 months Completed (10-05-2023)	Ministry of Earth Sciences (MoES), Govt. of India, New Delhi
Evaluating condition of deformation during subduction and exhumation of the north Indian continental margin: A study based on structure and crystallographic features of the Tso Moriri Dome of trans-Himalaya, Ladakh, India	Co-Principal Investigator	36 months Completed (31-03-2023)	Ministry of Earth Sciences (MoES), Govt. of India, New Delhi
Age, Origin, and Emplacement of the Eastern Himalayan Ophiolites, Northeast India: constraints from Platinum group elements geochemistry and isotopic signatures	Principal Investigator	36 months Ongoing (04-01-2024)	SERB-Dept. of Science & Technology (DST), Govt. of India, New Delhi

LABORATORY RESPONSIBILITIES at WIHG & DHSGU

- Overall In-charge (Labs) to look after all Labs of WIHG, Dehradun w.e.f. 08-12-05-2022 till 06-11-2023.
- Officer In-charge to look after the ICP-MS Lab (wet chemical Lab), WIHG, Dehradun from 12-05 till 06-11-2023. Actively involved in instrument handling of ICP-MS, generating data for many users of WIHG and outside users from various Institutes/Universities.
- Officer In-charge to look after the XRF Lab, WIHG, Dehradun from 28-07-2015 till 06-11-2023.
- Being one of the Indentors of the LA-MC-ICP-MS instrument that was procured in 2014, I took responsibility as a Core group member for the establishment of the Geochronology Lab. at WIHG, Dehradun. Actively involved as Indentor for recently procured TQ-ICP-MS for WIHG, Dehradun (March, 2023).
- Co-Incharge of ICPMS Lab, Center for Advance Research, DHSGU

ADMINISTRATIVE/ACADEMIC RESPONSIBILITIES at WIHG & DHSGU

1. Activity In-charge (1A) – CAP – Himalaya Institute Research Project since 07-07-2021 till 06-11-2023.
2. Professor (Honorary) of the Academy of Scientific and Innovative Research (AcSIR) for teaching Ph.D. students till 6 Nov. 2023 at WIHG, Dehradun
3. Chairman of the Technical Committee for AMC/CAMC for the overall assessment and evaluation of proposal (New or renewal), including price justification and recommendation since 03/09/2019, till 06-11-2023.
4. Chairman, Library Advisory Committee of WIHG from 14.03.2022 till 06-11-2023.
5. Chairman, Core Committee for regular Assessment and Interaction with JRF/SRF/RA of WIHG from 01.05.2023 till 06-11-2023.
6. Member, Collegium of APAR of the Scientists (B and E levels) of WIHG till 06-11-2023.
7. Nodal Officer (DHSGU), Indian Universities and Institutions Network for Disaster Risk Reduction, Established by the National Institute of Disaster Management, New Delhi

TEACHING/THESIS EXAMINER/INVITED TALK

- Teaching Ph.D. scholars / M.Tech. and B.Sc. students
- Ph.D. Thesis Examiner/Evaluator of many Universities (from time to time)
- Invited talk/lecture delivered – International/National Conference/Seminar

EDITORIAL RESPONSIBILITIES

Associate Editor – Geological Journal (Wiley) 2022 - continuing

Editor – Madhya Bharti: Journal of Science (Dr. Harisingh Gour University, Sagar) 2024- continuing

Associate Editor – Indian Journal of Geoscience (published by Geol. Surv. India) 2020-22

Lead Guest Editor - Two special issues of the Geological Journal (Geodynamic evolution of Eastern Himalaya and Indo-Myanmar orogenic belts: Advances through interdisciplinary studies (2022)

Reviewer: Reviewed many research papers submitted by other geoscientists across the globe to Journals like Scientific Reports, Journal of Petrology, Tectonophysics, Geoscience Frontier, Lithos, Geological Magazine, International Geology Review, Journal of Asian Earth Sciences, Geochemistry, Geological Journals, Current Science, Journal of Geological Society of India, etc. from time to time..

MEMBERSHIP OF PROFESSIONAL SOCIETIES:

- ❖ Life Fellow, Geological Society of India, Bangalore, India
- ❖ Life Member, Indian Science Congress Association, Kolkata, India
- ❖ Life Member, Indian Society of Applied Geochemists, Hyderabad, India
- ❖ Life Member of the Indian Geological Congress, Roorkee, India
- ❖ Life Member of the Himalayan Geology, Dehradun, India
- ❖ Life Member, Administrative Staff College of India, Hyderabad

RESEARCH PAPER PUBLICATION IN PEER-REVIEWED JOURNALS:

Research papers were published in reputed journals (e.g. *Lithos*, *Gondwana Research*, *Geoscience Frontier*, *Contributions to Mineralogy and Petrology*, *International Geology Review*, *Geological Magazine*, *Journal of Geological Society London*, *Minerals*, *Journal of Asian Earth Sciences*, *Geochemistry*, *Geological Journals* etc.). My works are well-cited in various reputed journals like *Nature Geoscience*, *Earth Science Reviews*, *American Journal of Science*, *GSA Bulletin*, *Earth and Planetary Science Letters*, *Contributions to Mineralogy and Petrology*, *Gondwana Research*, *Chemical Geology*, *Lithos*, *Precambrian Research*, *Geological Magazine* etc.).

LIST OF SELECTED RESEARCH PAPERS:

Sl.No.	Title of the Paper	Authors* indicates First / Corresponding	Name of the Journal/ISSN No.	Volume and Page No/ DOI/Year
96	Geochemistry and U–Pb Zircon Ages of the Bandal Granitoids Complex of the Himachal Region, Northwestern Himalaya (India): Constraints on Crustal Evolution and Columbia Supercontinent Assemblage	Sethy, P.C., Maurya, A.K., Singh, P., Singhal, S., Chahar, A., Singh, A.K. Singh, M.R.	Geological Journal 1099-1034	https://doi.org/10.1002/gj.70096 (2025)
95	Geological Evolution and Geoheritage of Palaeoarchean Bundelkhand Craton, India	Malviya, V.P., Thomas, H., Singh, A.K. , D. C. Meshram	Geoconservation and Geotourism Potential of India, Society of Earth Scientists Series: Springer - Nature,	https://doi.org/10.1007/978-3-031-81017-6_8 (2025)
94	Provenance, Paleoweathering and Paleotectonics of Cobalt Bearing Metasedimentary Rocks of the Delhi Supergroup, North Delhi Fold Belt, NW India.	Rana, S., Kumar, N. & Singh, A.K.	Geochemical International/ 0016-7029	https://doi.org/10.1134/S0016702924600913 (2025)
93	Magma heterogeneity in the generation of ophiolitic mafic rocks on the eastern flank of the Indian plate	Imtisunep, S., Singh, A.K. , Chaubey, M., Singh, R.K., Longchar, B., Khogenkumar, S., Dutt, A.	Acta Geochimica/ 2365-7499	https://doi.org/10.1007/s11631-024-00755-6 (2025)
92	Tectonic evolution of the Greater Himalayan Sequence and its associated fault systems in space and time: A monazite perspective	Hussain, M.D., Phukon, P., Kalita, P., Singh, A.K. , Kumar, D., Saikia, H.	International Geology Review/ 1938-2839	https://doi.org/10.1080/00206814.2024.2425988 (2024/)
91	Formation of the associating high-Al and high Cr chromitites in the Nagaland-Manipur Ophiolites in northeast India	Chaubey, M., Singh, A.K. , Imtisunep, S., Uysal, I., Singh, B.P., Satyanarayanan, M., Longchar, B., Khogenkumar, S.	International Geology Review/ 1938-2839	https://doi.org/10.1080/00206814.2024.2423865 (2024)
90	Origin, evolution, and emplacement of the Nagaland-Manipur Ophiolites, Indo-	Singh, A.K. , Ao, A.	Proceedings of the Indian National	https://doi.org/10.1007/s43538-024-00353-3

	Myanmar Orogenic Belt, Northeast India		Science Academy/ 03700046	(2024)
89	Geochemistry of Mafic Rocks From the Nagrota– Kathindi Section, Himachal Pradesh, Northwestern Himalaya: A Probable Example of Plume–Lithosphere Interaction	Singh, M.R., Singh, P. Sethy, P.C. Singh, A.K.	Geological Journal/ 1099-1034	https://doi.org/10.1002/gj.5058 (2024)
88	The Kerguelen Mantle plume activity in Sylhet Trap mafic rocks of Southern Shillong Plateau, NE India: Implications for its role in magmatism of eastern India	Kumar, M., Singh, A.K.* , Bikramaditya, R.K., Singh, N.S., Imtisunep, S.	Geological Journal/ 1099-1034	https://doi.org/10.1002/gj.5013 (2024)
87	Plagioclase ultraphyric basalts of the Abornmagmatic complex: Implications for a plumbing system at the eastern Himalaya	Oinam, G, Singh, A. K.* , Santosh, M., Joshi, M., Dut, A. Khogenkumar, S., Da, B.P., Bikramaditya, R.K.	Lithos /0024-4937	https://doi.org/10.1016/j.lithos.2024.107647 v.480–481 107647 (2024)
86	A hydrous sub-arc mantle domain within the northeastern Neo-Tethyan ophiolites: Insights from cumulate hornblendites	Dutt, A., Shukla, A.D., Singh, A.K. , Narayanan, A.	Geochemistry 0009-2819	https://doi.org/10.1016/j.chemer.2024.126122 v.126122 (2024)
85	Tectonic evolution of the neoproterozoic tusham ring complex, Northwestern India: Constraints from geochemistry and zircon U–Pb geochronology, and implications for Rodinia supercontinent history	Singh, A.K.* , Kumar, N., Chung, S.L., Lee, H.Y., Santosh, M., Sharma, R., Kumar, N., Bikramaditya, R.K., Oinam, G., Lakhan, N.	Lithos/ 0024-4937	Doi.org/10.1016/j.lithos.2023.107022 v.440–441 107022 (2023)
84	Origin and Tectonic Implications of I-type Granites, North Delhi Fold Belt, NW, India: Insights from Whole Rock Geochemistry and Mineral Compositions	Kanyan, N.K., Kumar, N., Rana, S., Kumar, N., Singh, A.K.	Jour. Geol. Soc. India/ 0016-7622	doi.org/10.1007/s12594-023-2521-8 v.99, 1641-1658 (2023)
83	Neoproterozoic Felsic Volcano-plutonic Rocks, Tusham Ring Complex, Malani Igneous Suite, NW Indian Shield: Petrogenetic Modeling, Magmatic Source and Geodynamic Evolution	Kumar, N., Kumara, N., Singh, A.K.	Geochemistry International/ 0016-7029	https://doi.org/10.1134/S0016702923040080 v.61, 410-435 (2023)

82	Petrogenesis and tectonic implications of the Late Cretaceous to Paleogene calc-alkaline volcanic rocks, Ladakh Himalaya	Singh, N.L., Akhtar, S., Singh, A.K.* Singh, B.P., Saikia, A., Jeelani, S.M.	Journal of Asian Earth Sciences/ 1367-9120	https://doi.org/10.1016/j.jseaes.2023.105700 v.253, 105700 (2023)
81	High concentration of cobalt in the Ajabgarh rocks of Delhi Supergroup, Southwest Haryana, India	Kumar, N., Rana, S., Singh, A.K.	Current Sciences/ 0011-3891	https://www.currentscience.ac.in/Volumes/125/04/0428.pdf v.125, 1-9 (2023)
80	Genesis of peridotite-hosted podiform chromite ore and associated PGE, southern Manipur Ophiolite Complex, northeast India	Premi, K., Sen, A.K., Singh, A.K. , Singh , W.I., Chaubey, M.	Periodico di Mineralogia/ 0369-8963	Doi: 10.13133/2239-1002/17854 v. 197/3, 209-232 (2023)
79	Magmatic records of Gondwana assembly and break-up in the Eastern Himalayan syntaxis, Northeast India.	Oinam, G., Singh, A. K.* Dutt, A., Khogenkumar, S., Joshi, M., Singhal, S., Bikramaditya, R.K.	Gondwana Research/ 1342-937X	https://doi.org/10.1016/j.gr.2022.09.009 v.1-20, 126–146 (2023)
78	Geochemistry and U-Pb zircon geochronology of the Jutogh Thrust sheet, Himachal Pradesh, NW-Himalaya: Implications to the petrogenesis and regional tectonic setting	Singh, P. Sethy, P.C., Singh, A.K. , Singhal, S., Maurya, A.K., Giri, S.R.,	Geological Journal/ 1099-1034	Doi: 10.1002/gj.4583 v.58(1), 131-149 (2023)
77	Temporal and Spatial Relationship between the Indian Plate Tectonics and Magmatism in the Eastern Himalaya	Singh, A. K.*	Journal of Geological Congress/ 2229-435X	v.14(1-2), 1-21 (2022)
76	Neoproterozoic Felsic Volcano-plutonic Rocks, Tusham Ring Complex, Malani Igneous Suite, NW Indian Shield: Petrogenetic Modeling, Magmatic Source and Geodynamic Evolution	Kumar, N., Kumar, N., Singh, A.K.	Geochemistry International/ 0016-7029	DOI: 10.1134/S0016702923040080 (2022)
75	INTRODUCTION, PART-1 - Geodynamic evolution of Eastern Himalayan and Indo-Myanmar orogenic belts: Advances through interdisciplinary studies	Singh, A.K.* , Chung, S.L., Somerville, I.D.	Geological Journal/ 1099-1034	DOI: https://doi.org/10.1002/gj.4396 v.57(2), 476–481 (2022)

74	Petrogenesis of mantle peridotites in Neo-Tethyan ophiolites from the Eastern Himalaya and Indo-Myanmar Orogenic Belt in the geo-tectonic framework of Southeast Asia	Singh, A. K.* , Chung, S.-L., & Somerville, I. D.	Geological Journal/ 1099-1034	Doi: 10.1002/gj.4629 v.57(2), 4886-4919 (2022)
73	Stable isotope geochemistry and microfossil assemblages of carbonate rocks in the ophiolite mélangé zone of the Indo-Myanmar orogenic Belt, NE India: Implications on age and depositional environment	Singh, A. K.* , Guruaribam, V., Singh, Y. R., Singh, N. I., Singh, L. R., Chaubey, M., Tewari, V. C., Singh, W. I., Lakhan, N., Devi, L. D., & Chanu, R. S.	Geological Journal/ 1099-1034	DOI: 10.1002/gj.4550 v.57(2), 5308-5325 (2022)
72	Geochemistry of Late Palaeoproterozoic (1.69 Ga) A-type Mayong granitoids in Shillong Plateau, north-east India: Implication for anorogenic magmatism during Columbia Supercontinent cycle	Doley, D., Bhagabaty, B., Sarma, G., Singh, A.K. , Zou, X.	Geological Journal /1099-1034	DOI: 10.1002/gj.4303 v.57(2),662-680 (2022)
71	New constraints on the tectono-magmatic evolution of the Tidding-Mayodia Ophiolites, Eastern Himalaya, northeast India	Singh, A.K.* , Dutt, A., Nayak, b., Bikramaditya, R.K. Oinam, G., Thakur, S.S., Srivastava, R.K., Khogenkumar, S., Kumar, M.	Geological Journal/ 1099-1034	DOI: 10.1002/gj.4332 v.57(2),514-536 (2022)
70	Evidence of intraplate magmatism and subduction magmatism during the formation of Nagaland-Manipur ophiolites, Indo-Myanmar Orogenic Belt, northeast India	Imtisunep, S., Singh, A.K.* , Bikramaditya, R.K., Khogenkumar, S., Chaubey, M., Kumar, N.	Geological Journal /1099-1034	DOI: 10.1002/gj.4332 v.57(2), 782-800. (2022)
69	INTRODUCTION, PART-1 - Geodynamic evolution of Eastern Himalayan and Indo-Myanmar orogenic belts: Advances through interdisciplinary studies	Singh, A.K.* , Chung, S.L., Somerville, I.D.	Geological Journal /1099-1034	DOI: 10.1002/gj.4396 v.57(2), 476-481 (2022)
68	Geochemical characteristics and petrogenesis of magmatic rocks of the Shyok suture zone, NW Himalaya, India	Lakhan, N. Singh, A.K. , Singh, B.P., Salim, A.	Arabian Journal of Geosciences/ 1866-7511	https://doi.org/10.1007/s12517-021-09361-9 v. 15:223, (2022)

67	Significance of aegirine-bearing metabasic rocks in the metamorphic evolution of the Nagaland Accretionary Prism, northeast India	Ghose, N.C., Singh, A.K. , Dutt, A., Imtisunep, S.	Geological Journal /1099-1034	DOI: 10.1002/gj.4317 v.57(2), 5207-5221 (2022)
66	Zircon U-Pb ages and Hf isotopes of I-type granite from western Arunachal Himalaya, NE India: Implications for the continental arc magmatism in the Paleoproterozoic supercontinent Columbia	Bikramaditya, R.K., Chung, S.L, Singh, A. K. , Lee, H.Y., Lemba, L.	Geological Journal /1099-1034	DOI: 10.1002/gj.4342 v.57(2), 5000-5018 (2022)
65	Refertilization of depleted mantle peridotite in the Nagaland-Manipur ophiolite, northeast India: Constraints from PGE, mineral and whole-rock geochemistry	Chaubey, M., Singh A.K.* , Singh, B.P., Imtisunep, S., Dutt, A., Satyanarayanan, M., Premi, Ksh. Abhirami, S.G.	Geological Journal /1099-1034	DOI: 10.1002/gj.4411 v.57(2), 5265-5283 (2022)
64	Petrogenesis and tectonic environments for formation of peridotites and associated podiform chromite ore, southern part of Manipur Ophiolite Belt, Indo-Myanmar Orogenic Belt, NE India	Premi, Ksh., Sen, A.K., Singh. A.K. Lakhan, N.	Journal of Mineralogy and Geochemistry/ 0077-7757	DOI: 10.1127/njma/2021/0255 v.197/3, 209-232 (2022)
63	Geological Field Observations Along the Pandoh Syncline: The Mandi-Kataula-Bajura Section of Himachal Pradesh, NW-India	Singh, P., Sethy, P.C., Rastogi, H., Singh, M.R., Singh, A.K. , Thakur, S.S., Singhal, S	In: Structural Geology and Tectonics Field Guidebook—Volume 2, pp 179–201	https://doi.org/10.1007/978-3-031-19576-1_4 . ISBN 978-3-030-60143-0 (eBook) (2022)
62	Subduction versus non-subduction origin of Nagaland-Manipur ophiolites along Indo-Myanmar orogenic belt, northeast India: fact and fallacy	Khogenkumar, S., Singh, A.K.* , Kumar, S., Lakhan, N., Chaubey, M. Imtisunep, S., Dutt, A., Oinam, G.	Geological Journal/ 1099-1034	DOI: 10.1002/gj.4030 v.56 (4), 1773-1794 (2021).
61	Testing Trace-Element Distribution and the Zr- Based Thermometry of Accessory Rutile from Chromitite	Zaccarini, F., Garuti, G., Luvizotto, G.L., de Melo Portella, Y., Singh, A.K.	Minerals/ 2075-163X	https://doi.org/10.3390/min11070661 v.11(7), 661 (2021)

60	Petrogenesis and tectonic implications of Anorogenic acid plutonic rocks of southwestern Haryana of Northwestern Peninsular India: An understanding approach to reconstruct the Malani Igneous Suite	Sharma, R., Kumar, N., Kumar, N., Singh, A.K.	Geochemistry International/ 0016-7029	https://link.springer.com/article/10.1134/S0016702920120034 . v.59, No. 1, pp. 66–91 (2021)
59	Evidence of melt– and fluid–rock interactions in the refractory forearc peridotites and associated mafic intrusives from the Tuting– Tidding ophiolites, eastern Himalaya, India: Petrogenetic and tectonic implications	Dutt, A., Singh, A.K. ,* Srivastava, R.K., Oinam, G	Geological Journal/ 1099-1034	DOI: 10.1002/gj.4043 v.56, 2082–2110 (2021) .
58	Geochemical and metamorphic record of the amphibolites from the Tuting-Tidding Suture Zone ophiolites, Eastern Himalaya, India: Implications for the presence of a dismembered metamorphic sole	Dutt, A., Singh, A.K. , Srivastava, R.K., Oinam, G., Bikramaditya, R.K.	Geological Magazine/ 1469-5081	https://doi.org/10.1017/S0016756820000825 v.158(5), 787–810 (2021)
57	Depositional environment and tectonic backdrop of meta-carbonates in the Eastern Himalayan ophiolites, India: insights from calcite microstructures, whole-rock elements and stable isotopes	Dutt, A., Singh, A.K. ,* Oinam, G., Srivastava, R.K.	Carbonates and Evaporites 0891-2556	https://doi.org/10.1007/s13146-021-00704-x v.36:34(2021) v.36:34(2021)
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