

CURRICULUM – VITAE

Mr. ANMOL BARLA

Assistant Professor

Department of Geology

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EDUCATIONAL QUALIFICATIONS

Year	Degree Passed	Board / University	Branch/ Discipline
2017- till date	Pursuing Ph.D.	Indian Institute of Technology (Indian School of Mines) Dhanbad, India	Economic Geology
2017	M.Sc.	National Institute of Technology, Rourkela, India	Applied Geology
2014	B.Sc.	St. Xavier's College, Ranchi (An Autonomous college under Ranchi University), India	Geology Hons.
2011	Class XII	St John's Inter College, Ranchi (Jharkhand Academic Council, Ranchi), India	Physics, Chemistry, Mathematics, English, Economics
2009	Class X	Loyola High School, Khunti (Jharkhand Academic Council, Ranchi), India	General

TEACHING EXPERIENCE

Assistant Professor, November 2022 to till date

Department of Geology, Central University of Tamil Nadu, Thiruvarur

Subjects: Mineralogy, Sedimentary and sequence stratigraphy, Megascopic studies for minerals (Practical), Sedimentology (Practical), Project guidance.

RESEARCH INTEREST

1. Genesis of gold mineralization
2. Economic geology
3. Trace element systematics of Magnetite
4. Minerals geochemical characterization of Au bearing Pyrite

RESEARCH GUIDANCE

M.Sc. Dissertation

Year	No of students	Status
2022-2023	02	Completed

PUBLICATION (UGC Listed/Scopus/Web of Science Indexed/ISSN Journals): 3

Peer Reviewed Journals	3
h Index	2
Citations	12
Cumulative Impact Factor	11.7

CONFERENCES / SEMINARS / WORKSHOP

International-paper presented	3
Participation	3

CONFERENCES / SEMINARS ORGANIZED

Coordinator, One day workshop on Advanced microscopic techniques organized by department of Geology, SoES, CUTN and inBiotek Microsystems, Kochi, 8th May 2023.

MEMBERSHIP IN PROFESSIONAL BODIES

1. Society of Economic Geologist (SEG), Colorado, USA, 2022-23, Member.
2. Society Geology Applied to Mineral Deposits (SGA), Germany, 2022-23 Member.
3. Society of America (GSA), Washington, USA, 2022-23 Member.

ADMINISTRATIVE RESPONSIBILITIES

1. Member of the Admission Query Committee, CUTN, 2023.
2. Member in the Local Purchase Committee of Trinocular Stereo zoom Microscope for the Department of Geology, CUTN, 2023.

AWARDS/ ACHIEVEMENTS

1. Selected and awarded of **135 NZD** (New Zealand Dollar) for registration fee participate the Society for Geology Applied to Mineral Deposit (SGA) 16th Biennial meeting- Rotorua, New Zealand, (Virtual, 28-31 March, 2022).
2. Selected and awarded of **Euro 850** to attend “ReSToRE” International Summer school at University College Dublin, Ireland (2019).
3. Qualified the National Eligibility Test (NET) in **Earth Sciences** conducted on December 2018.
4. Awarded the Junior Research Fellowship in 2017 by the Indian Institute of Technology (Indian School of Mines), Dhanbad, India for passing the national level written examination and interview for a PhD position at the Department of Applied Geology, IIT (ISM) Dhanbad, India.
5. Qualified the Joint Admission Test for M.Sc. (IIT-JAM) in 2015.

ARTICLES/ CONFERENCES

ARTICLES

1. Chakravarti R., Frimmel H.E., Singh S., **Barla A.**, Venkatesh A.S., Balakrishnan S., 2022. A geochemical and mineral chemical assessment of sediment provenance and post-depositional alteration of auriferous conglomerates in the Singhbhum Craton. **Journal of Geochemical Exploration.** 243, p.107095. <https://doi.org/10.1016/j.gexplo.2022.107095>. (IF: 4.166)
2. Singh, S. Chakravarti, R., **Barla, A.**, Behera, R.C., Neogi, S., 2021. A holistic approach on the gold metallogeny of the Singhbhum crustal province: Implications from tectono-metamorphic events during the Archean-Proterozoic regime. **Precambrian Research.** 365, p. 106376. <https://doi.org/10.1016/j.precamres.2021.106376>. (IF: 3.82)

3. **Barla, A.**, Singh, S., Chakravarti, R., 2020. Genesis of metasomatic gold mineralization in the Pahardiha-Rungikocha gold deposit, eastern India: constraints from trace element signatures in chromite-cored magnetite and bulk rock geochemistry. **Ore Geology Reviews**, 121, p. 103482. <http://doi.org/10.1016/j.oregeorev.2020.103482>. (IF: 3.714)

CONFERENCES

1. Behera, R.C., Singh, S, and **Barla, A.**, 19th - 21st January, 2023. Invisible Gold Occurrence as a Strategic Element in National and Global Prospective Current Trends in Earth System Sciences, Trivandrum, India.
2. **Barla, A.**, Singh, S. Chakravarti, R., and Behera, R.C., 27th -30th August, 2022. Genesis and Geochemistry of the Pahardiha- Rungikocha Gold Deposit in North Singhbhum Mobile Belt, Eastern India. **Society of Economic Geologists (SEG 2022) Conference**, Denver, USA (Speed talk).
3. Behera, R.C., Singh, S, and **Barla, A.**, 27th -30th, August, 2022. Invisible Gold Association within the Vempalle dolostone, Cuddapah Supergroup, Southern India: A carlin like gold occurrence. **Society of Economic Geologists (SEG 2022) Conference**, Denver, USA (Speed talk).
4. **Barla, A.**, Singh, S., and Chakravarti, R., 28th -31st March, 2022. Genesis of gold mineralization in the Pahardiha–Rungikocha gold deposit, North Singhbhum Mobile Belt, eastern India: A geochemical and mineral-chemical approach. **16th biennial meeting, Society for Geology Applied to Mineral Deposit (SGA) 2022**, Rotorua, New Zealand (Oral).
5. **Barla, A.**, Singh, S., Chakravarti, R., and Behera, R.C., 14th -17th September, 2021. Physico-Chemical Conditions of Pahardiha- Rungikocha Gold Deposit, North Singhbhum Mobile Belt, Eastern India. **Society of Economic Geologists anniversary (SEG 100) Conference**, Whistler, Canada (Speed talk).
6. Chakravarti R., Singh S., Venkatesh A.S., and **Barla A.**, 22nd -25th September 2018. Deducing Source Lithology and Nature of Gold Mineralization Within Archean-Proterozoic Quartz Pebble Conglomerates from the Singhbhum Craton, Eastern India. **Society of Economic Geologists (SEG) annual meeting**, Keystone, Colorado, USA (Poster).

TRAINING/ WORKSHOP/ DISSERTATION PROJECT

1. Selected and participated in the National Workshop on 11th – 12th October, 2022 titled “**National Workshop on Geochronology**” organized by Geochronology Group, IUAC, New Delhi.
2. Participated in the National Workshop on 19th -21st, April 2022 titled “**Chronological Systematics and their applications in Earth sciences**” organized by Geochronology Group, IUAC, New Delhi.
3. Selected and participated in SEG Foundation Student Field Trip 22nd – 23rd September, 2021 “**Giant Carbonate-Replacement (Manto) Gold Deposits, North Central Nevada: The Carlin and Cortez Trends**” organized by **Society of Economic Geologists Foundation, Inc.**
4. Participated the e-Training on 8th – 15th September, 2020 titled “**Advanced Course on Mineral Exploration for Gold and Base Metals**” conducted by RTD-FTC, Western Region, **Geological Survey of India Training Institute (GSITI), Jaipur.**
5. Participated the National Webinar on 4th – 7th September, 2020 titled ‘**Ore deposits and Ore forming processes**’ by *Prof. M.S. Pandian* Dept. of Earth Sciences, Pondicherry University.
6. International summer school 1st to 5th July, 2019 titled “**Researching Social Theories, Resources, and Environment Summer School (ReSToRE)**” at University College Dublin Ireland organized by the “**Irish Centre for Research in Applied Geosciences (ICRAG)**”.
7. M.Sc. Dissertation work on “**Erosional Characteristics of Brahmani River Basin, Odisha**” Under the guidance of **Dr. Sk. Md. Equeenuddin** during 2015-2017.
8. 8 weeks Industrial training at **National Aluminium Company Limited (NALCO)**. Worked with professional geologist at Damanjodi Bauxite mines (Largest Bauxite ore mine in India), Odisha, India during 16th May – 11th July, 2016.
9. One-week training on **Aquifer Management and Local Ground Water Issues** under CENTRAL GROUND WATER BOARD during 11th – 15th March, 2014.