

CURRICULUM VITÆ

DR. SAURODEEP CHATTERJEE

S/O: Dr. Chandan Chatterjee (Ph. D)

Permanent Address: 6/37 J.N Das Path, City Centre, Durgapur, West Bengal, India. Pin-713216.

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Present Position: Assistant Professor of Geology
Department of Sciences, MIT Mnipal
Manipal, Karnataka, India.

Educational Qualifications: M. Sc. (Applied Geology); Ph. D. (Sc.).

Research Interests: Tectonics and Solid Earth Geophysics, Terrestrial Magnetism, Paleomagnetism, Rock fabric and Magnetic Anisotropy, Environmental magnetism, Magnetic techniques of pollution assessment.

Ph. D. (Sc.) details:

Title: Combined Palaeomagnetic and Magnetic Anisotropy Analysis of the Proterozoic volcano-sedimentary Singbhum Group and associated Dalma lavas of the East Indian Shield.

Institution and Date of award: Jadavpur University (Kolkata, India) on 7th June 2019.

Post-doctoral research details:

Project: An appraisal towards the tectonics of Rajmahal traps: Insights from rock-magnetic, palaeomagnetic and magnetic fabric analysis.

Institution and funding body: Indian Institute of Technology (ISM) Dhanbad, India
Ministry of Education (MoE), Govt. of India

Academic Qualification details:

Examination	Board/University	Institution	Year of passing	% marks
M.Sc. in Applied Geology	Jadavpur University	Jadavpur University	2015	76
B.Sc. (Hons.) in Geology	The University of Burdwan	Durgapur Government College, Durgapur	2013	70
Higher Secondary Examination (10+2)	West Bengal Council of Higher Secondary Education	Bidhan Chandra Institution, Durgapur	2010	86
ICSE Examination (10 th Standard)	Council for the Indian School Certificate Examination	St. Peter's School, Durgapur	2008	88.4

Academic Achievements: 1. Qualified GATE in Geology and Geophysics (2015).
2. Ranked 7th in B. Sc. (Hons.) examination 2013 in university.

Teaching / Research experiences (Total experience: 5 years 2 month post-Ph.D)

Name of Organization	Job Title	Job responsibilities	Last Salary/Fellowship drawn (p.m)	Job duration	Reason for leaving
Manipal Institute of Technology (MAHE, Manipal)	Assistant Professor	Teaching and other academic duties, Research	AGP 6000	November 2024 till date	--
Rajiv Gandhi University	Guest Assistant Professor (UGC)	Teaching and other academic duties, Research	INR 50,000	September 2022 to October 2024 (2 years 2 months)	Selection as Assistant Professor (regular)
Indian Institute of Technology (ISM) Dhanbad	Post-Doctoral Fellow	Research and Teaching	INR 66,150	June 2020 to August 2022 (2 years 2 months)	Career upgradation
Jadavpur University	Research Assistant (RUSA 2.0)	Research and Teaching Assistance	INR 18,400	July 2019 to March 2020 (9 Months)	Completion of Project
Jadavpur University	Doctoral Fellow	Research and Teaching Assistance	INR 8,000 (Non-NET fellowship)	October 2015 to June 2019 (3 years 8 months)	Awarded Ph. D.

Teaching details:

Undergraduate level: Study of rocks and minerals (practical), palaeontology (theory and practical), fundamentals of geology (theory), Structural geology (theory and practical), Indian Geology, Geo-exploration (theory and practical); Geophysics and Geodesy (theory and practical).

Postgraduate level: Structural geology and tectonics (theory and practical), Geoexploration, mining and environmental geology (theory), ore geology and exploration geology (practical), Indian Stratigraphy, Palaeontology (Theory and Practical).

Dissertation/Project supervision:

Name and institution	Title of thesis	Session	Course
Miss Elizabeth Jolly MIT Manipal	Not yet decided (Topic: Rock magnetism)	2024-2026 (ongoing)	M.Sc in Geology
Miss Bennet Benny MIT Manipal	Not yet decided (Topic: Rock magnetism)	2024-2026 (ongoing)	M.Sc in Geology
Miss Shreya Kulkarni MIT Manipal	Flow patterns of Sylhet traps, Meghalaya India	2023-2025 (ongoing)	M.Sc in Geology
Miss Budi Ampu Rajiv Gandhi University	Mesosopic structures and their tectonic implications in lesser himalayas, Rupa, West Kameng, AR-IN	2022-2024 (completed)	M.Sc in Applied Geology

Miss Shelcy Deori Rajiv Gandhi University	Strain analysis from deformed conglomerates from Bhalukpomp-Tawang sector, West Kameng, AR-IN	2022-2024 (completed)	M.Sc in Applied Geology
Mr. Lobsang Tashi Sunickjee Rajiv Gandhi University	Microstructures in lesser himalayan rocks, Rupa, West Kameng, Arunachal Pradesh	2022-2024 (completed)	M.Sc in Applied Geology
Miss Glowrina Gogoi Rajiv Gandhi University	Rock magnetic studies of the Shylet traps, Shillong, India	2021-2023 (completed)	M.Sc in Applied Geology
Mr. Lemnai Wangnaw Rajiv Gandhi University	Anisotropy of magnetic susceptibility studies in determining flow in basalts: A case study in Shylet traps, Shillong, India	2021-2023 (completed)	M.Sc in Applied Geology
Mr. Azee Tayeng Rajiv Gandhi University	Generation of Fe-Ti oxides in trap basalts: implications to uplift related tectonics	2021-2023 (completed)	M.Sc in Applied Geology
Miss Rubilu Tawsik Rajiv Gandhi University (co-guide: Dr. Mousumi Gogoi)	Strain analysis from pebbles of basal conglomerates, Shillong plateau, India	2021-2023 (completed)	M.Sc in Applied Geology
Mr. Tako Doni Rajiv Gandhi University	Modern Methods of Fabric Analysis Using Anisotropy of Magnetic Susceptibility	2020-2023 (completed)	B. Sc (Hons) in Geology
Mr. Bani Jopir Rajiv Gandhi University	Petrography and generation of Fe-Ti Oxide in Basaltic rocks of Rajmahal traps	2020-2023 (completed)	B. Sc (Hons) in Geology

Other academic/administrative duties:

1. Invigilator at **Common University Entrance Test (NTA, RGU)**.
2. Invigilator at **State Level Eligibility Test (SLET, NE region, March 2023 till date)**.
3. Invigilator at **Arunachal Pradesh Staff Selection Board (September 2023 till date)**.
4. **Paper setter and evaluator** at University UG level (Palaeontology, Structural Geology, Economic Geology, Exploration and Fuel Geology) and PG level (Structural Geology, Mining exploration and environmental geology, Palaeontology, Engineering geology and hydrogeology).
5. **Paper setter and invigilator** for Palaeontology, Structural Geology, Mining exploration and environmental geology and research methodology for **Rajiv Gandhi University Ph.D entrance test**.
6. **Paper setter and invigilator** for Structural geology, palaeontology, exploration and fuel geology, logic and mathematics for **Rajiv Gandhi University common entrance test** for admission to M.Sc programme.

List of Publications (SCI / WOS / SCOPUS indexed Journals):

1. Das, S., Venkatshwarlu, M., **Chatterjee, S.**, Gain, D., Mondal, S. (2024) Anisotropy of Magnetic Susceptibility and Rock Magnetism of high-grade rocks from Eastern Ghats Mobile Belt, India: constraints to tectonics. *Journal of Earth System Sciences*, V. 133:175. *Doi: doi.org/10.1007/s12040-024-02397-x* [ISSN: 0973-774X, I.F = 1.91, Role: Associate author].

2. **Chatterjee, S.**, Singh, S., Shalivahan, Mondal, S (2023) Magneto-tectonic framework of the East Indian Shield: The present state of knowledge. *Journal of Asian Earth Sciences*, V. 251:105667. *Doi:* doi.org/10.1016/j.jseae.2023.105667 [ISSN: 1878-5786, I.F = 3.4, Role: First and corresponding author].
3. Mondal, S., **Chatterjee, S.**, Maity, R., Gain, D., Mazumdar, D. (2022) Imprints of vehicular pollution in roadside dust from Kolkata, India: insights from magnetic susceptibility, geo-statistical and SEM studies. *Current Science*, V. 124(1), pp. 56-62. *Doi:* <https://doi.org/10.18520/cs/v124/i1/56-62>. [ISSN: 0011-3891, I.F = 1.1, Role: Second author].
4. **Chatterjee, S.**, Mondal, S., Basavaiah, N., Gain, D., Das, S. (2022) Demagnetization studies in the North Singhbhum Mobile Belt: palaeomagnetic poles, tectonics and GRM. *Arabian Journal of Geosciences*, V. 15: 1524. <https://doi.org/10.1007/s12517-022-10808-w> [ISSN: 1866-7511, I.F = 1.87, Role: First and corresponding author].
5. Gain, D., **Chatterjee, S.**, Mondal, S. (2022) Rock magnetism and magnetic anisotropy in high-grade metamorphic rocks: Studies from Kondapalle-Pangidi layered complex, Eastern Ghats Belt, India. *Physics of the Earth and Planetary Interiors*, V. 329-330: 106910. *Doi:* <https://doi.org/10.1016/j.pepi.2022.106910>. [ISSN: 0031-9201, I.F = 2.74, Role: Joint First author and Corresponding author].
6. Maity, R., Venkateshwarlu, M., Mondal, S., Kapawar, M.R., Gain, D., **Chatterjee, S.**, Paul, P. (2022) Mineral magnetic and geochemical characterization of the dust and soils around Mejia Thermal Power Plant, West Bengal: Implications to source apportionment. *Journal of Earth System Science*, V. 131: 138. *Doi:* doi.org/10.1007/s12040-022-01882-5 [ISSN: 0973-774X, I.F = 1.91, Role: Associate author].
7. Mondal, T.K., Chowdhury, A., Sain, A., **Chatterjee, S.** (2022) Understanding the maturity of columnar joints and its spatial relationship with eruptive centre: a critical appraisal from the Rajmahal Basalt, India. *Physics of the Earth and Planetary Interiors*, V. 326: 106867. *Doi:* doi.org/10.1016/j.pepi.2022.106867 [ISSN: 0031-9201, I.F = 2.74, Role: Associate author].
8. Ghosh A., Mukhopadhyay, S., **Chatterjee S.** (2021) Assessment of geoheritage and prospects of geotourism: An approach to geoconservation of important geological and geomorphological sites of Puruliya district, West Bengal, India. *International Journal of Geoheritage and Parks*, V. 9(2), pp. 264-283. *Doi:* doi.org/10.1016/j.ijgeop.2021.03.001 [ISSN: 2577-4441, I.F = NA, Role: Associate author].
9. **Chatterjee, S.**, Basavaiah, N., Mondal, S., Gain, D. (2021) Rock magnetic signatures of the Dalma Formation in the Singhbhum Mobile Belt, Eastern India. *Journal of the Geological Society of India*, V. 97 (6), pp. 635-642. *Doi:* doi.org/10.1007/s12594-021-1738-7 [ISSN: 0974-6889, I.F = 1.46, Role: First and corresponding author].
10. **Chatterjee, S.**, Mondal, S., Gain, D., Baidya, T.K., Mazumdar, D. (2018) Interpretation of magnetic fabrics in the Dalma volcanic rocks and associated meta-sediments of the Singhbhum mobile belt. *Journal of Earth System Science*, V. 127(6): 89. *Doi:* [10.1007/s12040-018-0992-6](https://doi.org/10.1007/s12040-018-0992-6) [ISSN: 0973-774X, I.F = 1.91, Role: First and corresponding author].

11. **Chatterjee, S.**, Mondal, S., Paul, P., Das, P. (2018) Paleocurrent and environmental implications from Anisotropy of Magnetic Susceptibility (AMS): A case study in Talchir and Barakar Formations, Raniganj Basin, West Bengal, India. *Arabian Journal of Geosciences*, *V.11 (11): 288*. **Doi:** [10.1007/s12517-018-3644-x](https://doi.org/10.1007/s12517-018-3644-x) [ISSN: 1866-7511, I.F = 1.87, Role: **First and corresponding author**].
12. **Chatterjee, S.**, Mondal, S., Roy, P., Gain, D., Bhattacharya, A. (2018) Magneto-mineralogy characterization and manifestations magnetic fabrics from the gneissic rocks and associated intrusive bodies in and around Bankura and Purulia Districts, West Bengal, India. *Current Science*, *V. 114(9), pp.1894-1902*. **Doi:** [10.18520/cs/v114/i09/1894-1902](https://doi.org/10.18520/cs/v114/i09/1894-1902) [ISSN: 0011-3891, I.F = 1.1, Role: **First and corresponding author**].
13. Mondal, S., Mazumdar, D., **Chatterjee, S.**, Gain, D., Shil, R. (2017) Nature of flow patterns of Rajahmundry lava, Gowripatnam Area, West Godavari, India: Insights from AMS studies. *Current Science*, *V. 113(9), pp. 1719-1728*. [ISSN: 0011-3891, I.F = 1.1, Role: **Corresponding author**].
14. Mondal, S., **Chatterjee, S.**, Maity, R., Gain, D., Das, A., Sinha, S. (2017) Magnetic Susceptibility as a proxy for pollution in the Triveni-Bandel area, Hooghly District, West Bengal, India. *Current Science*, *V. 112(11), pp. 2306-2311*. **Doi:** [10.18520/cs/v113/i09/1719-1728](https://doi.org/10.18520/cs/v113/i09/1719-1728) [ISSN: 0011-3891, I.F = 1.1, Role: **Corresponding author**]

List of Publications (Book Chapters / UGC Indexed journals):

1. Deori, S., Ampri, B., Phukan, M.J., **Chatterjee, S.**, Sunickjee L.T. (2024) Deformational features and their tectonic implications from the lesser Himalayan rocks in and around Rupa, Arunachal Pradesh (India), *Geosciences Research Journal*, *V. 2(1), pp. 41-50*. [ISSN: 2990-9457; I.F.-1.13; Role: Corresponding author] [DOI: doi.org/10.26480/amdn.01.2024.41.50]
2. **Chatterjee, S.**, Gogoi, G. (2023) Magnetic susceptibility as a proxy to air pollution: A case study from Durgapur, West Bengal, India. In: Shit P.K., Datta, D.K., Bera, B., Islam, A., Adhikary P.P., (eds) **Spatial Modeling of Environmental Pollution and Ecological Risk**, Elsevier (DOI: <https://doi.org/10.1016/B978-0-323-95282-8.00023-7>). [ISBN: 978-0-323-95282-8, Role: **First and corresponding author**].
3. Gain, D., **Chatterjee, S.**, Mondal, S. (2022) Rock-Magnetic properties of Kondapalle-Pangidi Layered Complex: Evidences towards Remanence Feasibility. *Journal of Scientific Research*, *V. 66(1), pp. 69-75*. [ISSN: 0447-9483, Role: **Corresponding author**].
4. Mondal, S., **Chatterjee, S.**, Gain, D. (2021) Application of magnetic susceptibility in the assessment of environment: A case study in and around Kolaghat-Mecheda area, East Midnapore District, West Bengal, India. *Earth Science India*, *V. 14 (1), pp. 28-40*. [ISSN: 0974-8350, Role: **Corresponding author**].
5. Mondal S., **Chatterjee S.**, Gain D. (2021) Mineralogy and Morphological Characterization of Technogenic Magnetic Particles (TMP) from Industrial Dust: Insights into Environmental Implications. In: Shit P.K., Adhikary P.P., Sengupta D. (eds) **Spatial Modeling and Assessment of Environmental Contaminants. Environmental Challenges and Solutions**. Springer, Cham. [ISBN: 978-3-036-63422-3, Role: **Corresponding author**].
6. **Chatterjee, S.**, Mondal, S., Roy, B., Gain, D. (2017b) Magnetic Fabric as a tool to determine kinematic vorticity number of the high-grade rocks from Chilka Lake Area, Eastern Ghats Belt,

India. *Int. J. Recent Sci. Res.*, V. 8(6), pp.17845-17850. [ISSN: 0976-3031, Role: **First and corresponding author**].

7. **Chatterjee, S.**, Gain, D., Mondal, S. (2016) Magneto-Mineralogy Characterization and Analysis of Magnetic Fabrics of the High-Grade Rocks from Chilka Lake Area, Eastern Ghats Belt, India. *Earth Science India*, V. 9(1), pp.29-47. [ISSN: 0974-8350, Role: **First and corresponding author**].

Research under process:

1. **Chatterjee, S.**, Arif, M., Singh, S. (2023) Magnetic properties vis-à-vis geothermal gradient in basaltic flows, Rajmahal, India.
Role: **First author and Corresponding Author**
Communicated to: Environmental Earth Sciences
Status: Submitted on August, 2023. Currently under review.
Collaborating Institute: Birbal Sahni Institute of Paleosciences (Lucknow)
2. **Chatterjee, S.**, Lakshmi B.V., Gain, D., Das, S., Mondal, S. (2023) Magnetic properties of gneissic basement rocks from the northern part of the East Indian Shield: magnetism vis-à-vis metamorphism of deep crustal rocks.
Role: **First author and corresponding author**
Status: Submitted on September 28, 2024.
Communicated to: Geological Journal.
Collaborating institute: Indian Institute of Geomagnetism (IIG, Navi Mumbai), Jadavpur University (Kolkata).
3. **Chatterjee, S.**, Arif, M., Das, S., Gain, D. (2023) Morphology of the lava flows from rock magnetic and magnetic anisotropy analysis (tentative theme, exact title not finalized).
Role: First and corresponding author.
Status: Data curated, original draft preparation under process.
To be communicated to: International journal of earth sciences by December 2024 (expected).
Collaborating institute: Birbal Sahni Institute of Palaeosciences (Lucknow) and Jadavpur University (Kolkata).
4. **Chatterjee, S.**, Gogoi, M., Tawsik, R., Mahanta, B.N (2023) Strain analysis from deformed conglomerates in the Shillong plateau: A comparative study between Mawiong and Trysad conglomerates. (exact title and authorship sequence may vary).
Role: First author. Corresponding author: Dr. M. Gogoi (she/her)
Status: Data curated, analysis of field data in progress, original draft preparation will follow.
To be communicated to: International journal of earth sciences by December 2024 (expected).
Collaborating institute: Geological Survey of India (NER, Shillong).

List of Publications (In seminar abstract volumes):

1. Mondal, T.K., Chowdhury, A., Sain, A., **Chatterjee, S.** (2021) Understanding the maturity of Columnar joints in Rajmahal basalts, India, *National Seminar on Rock Deformation and Structures Under the aegis of Structural Geology & Tectonic Study Group of India (RDS – VI), October*.
2. **Chatterjee, S.**, Mondal, S., Gain, D. (2021) Magnetic Fabrics vis-à-vis Deformation in the North Singhbhum Mobile Belt, *National Seminar on Rock Deformation and Structures Under the aegis of Structural Geology & Tectonic Study Group of India (RDS – VI), October*.
3. **Chatterjee, S.** and Mondal, S. (2018) Saturating Isothermal Remanent Magnetization (SIRM) studies of Dalma rocks (Singhbhum, Jharkhand): Determining feasibility of recording magnetic remanence, 3rd *Regional Science and Technology Congress, Government of West Bengal, Southern Division, Kolkata*

4. **Chatterjee, S.**, Mondal, S., Mazumdar, D., Gain, D. (2018) Magnetic fabric as indicator of lava flow pattern: A case study from Gowripatnam lava flow, West Godavari, India, *Geo-symposium 2018 (sponsored by CAS-VI), Department of Geological Sciences, Jadavpur University, Kolkata.*
5. Paul, P., **Chatterjee, S.**, Mondal, S. (2018) Determination of paleocurrent pattern from sediments of Talchir and Barakar formations, Raniganj Basin, West Bengal, *Geo-symposium 2018 (sponsored by CAS-VI), Department of Geological Sciences, Jadavpur University, Kolkata.*
6. Maity, R., Mondal, S., **Chatterjee, S.**, Gain, D. (2018) Magnetic investigation fly ash pollution in Triveni-Bandel area, Hooghly district, West Bengal, India, *Geo-symposium 2018 (sponsored by CAS-VI), Department of Geological Sciences, Jadavpur University, Kolkata.*
7. **Chatterjee, S.**, Mondal, S. (2018) The Patterns of Magnetic Fabric in the Basic Volcanic Rocks of the Proterozoic Dalma Volcano-Sedimentary Range and its Geological Implications, *National Seminar on Dynamics of Surface and Sub-Surface geological Processes, Pondicherry University, Puducherry, India (ISBN: 978-93-86724-39-7).*
8. **Chatterjee, S.**, Mondal S. (2017) Assessment of Environmental Pollution in Durgapur Residential Area: Insights from Geophysical Studies, *2ND Regional Science and Technology Congress, Government of West Bengal, Southern Division, Kolkata.*
9. **Chatterjee, S.**, Baidya, T.K., Gain, D., Mondal. S. (2016) Petrology and Crystallization History of the Volcanic Rocks from the Mid-Proterozoic Dalma Formation, Singhbhum District, Jharkhand, India, *Frontiers in Earth and Climate Sciences-A conference of young scientists in central and south Asian region”, IISc Bengaluru, December.*
10. Paul, P., **Chatterjee, S.**, Maity, R., Mondal, S. (2016) Magneto-Mineralogy and Structural Implications of the Magnetic Fabrics from the rocks of the Govindpur Area, Dhanbad, Jharkhand, India. *National Seminar on Rock Deformation and Structures Under the aegis of Structural Geology & Tectonic Study Group of India, November.*
11. **Chatterjee, S.**, Gain, D., Mondal, S. (2016) An Overview of the Metamorphic control on Magnetic Fabrics in the Charnockite Belt of Southern India at Krishnagiri and Dharmapuri Region, Tamil Nadu, India. *National Seminar on Rock Deformation and Structures Under the aegis of Structural Geology & Tectonic Study Group of India, November*
12. **Chatterjee, S.** (2016) Petrography and Micro-Structural Studies from the Rock Sections of Dalma Formation in the Burudih-Dharagiri Area, Ghatsila, Singhbhum District, Jharkhand, India. *Ist Regional Science and Technology Congress, Government of West Bengal, Presidency Division, Kolkata, November.*
13. Gain, D., **Chatterjee, S.**, Mondal, S. (2016) Magneto-mineralogy and magnetic susceptibility study of Gneissic rocks and associated intrusive from Bankura and Purulia, West Bengal, India. *Ist Triennial Congress of FIGA, 53rd Annual Convention of IGU (Indian Geophysical Union) and 34th Annual Convention of AHI (Association for Hydrologists in India), November.*
14. **Chatterjee, S.**, Mondal, S., (2016) Characterization of Magnetic-Mineralogy and the Interpretation of the Magnetic Fabrics along the Galudih-Banduan Section of the Dalma Formation, Singhbhum District, Jharkhand, India, *Ist Triennial Congress of FIGA (Federation of Indian Geosciences Association), 53rd Annual Convention of IGU (Indian Geophysical Union) and 34th Annual Convention of AHI (Association for Hydrologists in India), November.*
15. **Chatterjee, S.**, Baidya, T.K., Mondal, S., (2016) Petrography and Micro-Structural Studies from a Selected cross-section of the Mid-Proterozoic Dalma Formation in and around Tatanagar-Chandil Area, Singhbhum District, Jharkhand, India. *Seminar abstract volume of development in Geosciences in the past decade-emerging trends for the future and impact on society, October.*
16. **Chatterjee, S.**, Gain, D., Mondal, S. (2015) Magneto-mineralogy and interpretation of AMS fabrics of the Balugaon Anorthosite Massif, Eastern Ghats Belt, India. *IGU 52nd Annual Convention, November.*

Conferences/Webinars/Seminars attended:

1. **National Webinar on Rock Deformation and Structures (RDS – VI)** organized by the Department of Geology, Central University of Kerala, India [ORAL PRESENTATION].
2. **National Webinar on Recent trends on Researches and Career Opportunities in Geosciences, August 2020** organized by **Dr. H.S. Gaur Sagar University, M.P.**
3. **National Webinar on “Recent Earthquakes in Indo-Burmese ranges”, August 2020**, organized by **Pachhunga University College, Aizawl, Mizoram.**
4. **GEOCHRON-an online lecture series, August-September 2020** organized by Geological Institute, Department of Geology, Presidency University, Kolkata.
5. **“Martian Geology: Enigmas And Recent Insights”**, September 2020, organized by Department of Geology, Asutosh College, Kolkata.
6. **Geo-symposium 2018 (sponsored by CAS-VI), Department of Geological Sciences, Jadavpur University, Kolkata (ORAL PRESENTATION)**
7. **Regional Science and Technology Congress, Government of West Bengal, Southern Division, Kolkata (2016, 2017, 2018; ORAL PRESENTATION).**
8. **Lithify '17** organized by JUGS (Jadavpur University Geological Society) at the Department of Geological Sciences, Jadavpur University (2017; Invited Talk).
9. **“Frontiers in Earth and Climate Sciences-A conference of young scientists in central and south Asian region”** jointly organized by TWAS-Regional Office for Central and South Asia at Jawaharlal Nehru Centre for Advanced Scientific Research and Divecha Centre for Climate change, Indian Institute of Science Bengaluru (2016; POSTER PRESENTATION).
10. **Ist Triennial Congress of FIGA, 53rd Annual Convention of IGU and 34th Annual Convention of AHI (2016; ORAL PRESENTATION)**
11. Development in Geosciences in the past decade-emerging trends for the future and impact on society (DGPD-ETFIS)” and “Annual General Meeting of the GEOLOGICAL SOCIETY OF INDIA held in the Indian Institute of Technology Kharagpur (2016; POSTER PRESENTATION).

Training / Workshops participated:

1. **NPTEL Awareness Workshop** conducted by NPTEL, IIT Madras in association with **Rajiv Gandhi University, Itanagar, Arunachal Pradesh (November 22, 2023).**
2. **Workshop on NEP 2020-North Eastern Perspective**, organised by the faculty of Environmental Sciences, Rajiv Gandhi University, Arunachal Pradesh (27-28th July 2023).
3. **Summer School on Crystallography, Mineralogy, Thermodynamics and Mantle Petrology, Indian Institute of Science Education and Research (IISER) Kolkata, Mohanpur Campus, Ministry of Earth Sciences, Govt. of India** by Prof. Alok K. Gupta and Prof. Tapas Bhattacharya (6th-17th June 2016).
4. Workshop on **(a) Mohr Circle Simplified and (b) Modern Methods of Fabric Analysis in Deformed Rocks** at IIT Kharagpur (India) organized by **IUGS-TecTask** on 21st and 22nd October 2016.
5. South and East Asia Honorary Lecture delivered by Dr. Naide Pan, President, Petroleum Geo-Services, China **SEG Jadavpur University Students Chapter**, Department of Geological Sciences, Jadavpur University, Kolkata 700 032.

Journals where associated as Editor/Reviewer:

1. Environmental Earth Sciences, Springer (Reviewer)
2. Journal of Paleolimnology, Springer (Reviewer)
3. Current Science, Indian Academy of Sciences (Reviewer)
4. Spatial Modeling and Assessment of Environmental Contaminants. Springer, Cham. (Book)

Membership of professional bodies:

1. Member, **American Geophysical Union (AGU)**, Washington DC, USA.
2. Member, **Society of Geomagnetism and Earth, Planetary and Space Sciences (SGEPSS), Japan.**
3. Member, **International Association for Structural Geology and Tectonics** (formerly known as IUGS-TecTask).
4. Member, **Indian Geophysical Union**, Hyderabad, India
5. Member (Life), **Geological Society of India**, Bengaluru, India.

Declaration

I hereby certify that all the information provided above is true and correct to the best of my knowledge. Any false or misleading information provided on this form or any other document may result in the position/desired position being terminated.

Date:30.11.2024

Place: Manipal, KA-IN

SAURODEEP CHATTERJEE
