

SWATI SANTOSH GHADI**E-mail:** ssg037@chowgules.ac.in**Department:** Geology**Designation:** Assistant Professor*Other designations:* Geologist**Date of joining:** 11 July 2018**Qualifications:**

- Graduate in Geology, Parvatibai Chowgule College, Margao-Goa, -April 2007
- CSIR, National Eligibility Test (NET) in Earth, Atmospheric, Ocean and Planetary Sciences, Dec 2008
- Post Graduate in Geology, Goa University- April 2009

Professional Experience:

- July 2018- Present working as An Assistant Professor in the Department of Geology
- July 2009- July 2018- Worked as an Exploration geologist at Vedanta Limited (formerly known as Sesa Goa) -iron ore mines in Goa and Karnataka.

Professional Credentials:

- Completed 31 Modules for DISHTAVO, Digital Integrated System for Holistic Teaching and Virtual Orientations. An initiative of Directorate of Higher Education, Government of Goa.
- Geological field knowledge in brown field exploration- Experience in Planning of drilling Program, Onsite drilling supervision, Database management, QAQC, preparation of geological model, resource estimation & training new recruits.
- Proficient with SURPAC software for geological modeling & Resource estimation.
- In-depth understanding of Integrated Management Systems.
Social Accountability 8000:2008 , ISO 9001:2008- Quality management system, ISO 14001:2004 Environment management system & OHSAS 18001:2007 – Occupational Health and Safety Assessment Series,
- Proficient in Microsoft Excel & PowerPoint

Trainings & Seminars:

- Participated in Three-day workshop on ‘Petrological Phase Diagrams and Geomorphological Tools for Terrain and Coastline Evaluation’, organized by School of Earth, Ocean and Atmospheric Sciences, Goa University.

- Completed two-week refresher course in "Earth, Water and Environment- Issues, Concerns and Way Forward" (Feb 2022) conducted by Department of Geology, Savitribai Phule Pune University, Pune.
- Completed one month Faculty Induction Programme (Aug 2021) conducted by Ramanujan College in collaboration with Khalsa College, Amritsar, Punjab
- Certificate Course on 'Basics of Remote Sensing, Geographical Information System & Global Navigational Satellite System' outreach Programme (July 2020) from IIRS (Indian Institute of Remote Sensing), Dehradun, Sponsored by ISRO
- Completed the basic course on Mapinfo for map basics conducted by Encom.
- Completed the basic course on SURPAC-Whittle software used for Strategic mine planning & optimization conducted by Dassault systems (2015)
- Completed the Advance course on SURPAC software used for geological modeling & Resource estimation conducted by Dassault systems.
- Certified ISO9007, 18000 & 14000 & SA 8000 Internal Auditor (2015).
- Attended 7th International Conference on Asian Marine Geology 11-14th October 2011 organized by CSIR- National Institute of oceanography Dona Paula.

Academic Projects:

Guided three Third year student projects

- Petrological studies of the Chandranath Granite, South Goa. (2021-22)
- Slope Stability Assessment Of A Hillock In Vagulem And Maina Areas In Salcete, Goa (2020-21)
- Quality Assessment of Groundwater in Quitol and Canaguinim area in Quepem and Canacona Taluka (2019-20)

Field visits

- Conducted various local student filedtrips Pallolem, Baga, Quepem & Cancona areas, Vedanta Limited- Sanquelim reclaimed mine etc.