

**Dr. MEGHANA SHIVANAND DEVLII, PhD, MSc**

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Department : Geology

Designation : Associate Professor



**Administrative responsibilities:**

- Head, Department of Geology
- Chairman, Board of Studies in Geology
- Dean of Academics
- Deputy Controller of Examinations
- Member of IQAC, NEP 2020

Date of joining : 26 July 2006

**Qualifications:**

- PhD on the work titled “Sedimentology, Provenance, Tectonics and deformation studies of Lower part of the Bagalkot Group of Kaladgi Basin” in 2018.
- Cleared State Eligibility Test (SET), 2005
- Diploma in Gem Testing, Gem Testing Laboratory, Jaipur – Rajasthan, 2000.
- Post Graduate in Geology, Goa University, 1999.
- Graduate in Geology, Parvatibai Chowgule College, Margao-Goa, 1997

**Achievements:**

- Honoured with Prof FB Antao gold medal for securing the highest marks in Geology at Post graduate examination conducted by Goa University, 1999.
- Qualified Gemmologist in the State of Goa

**Contribution to Academics:**

- Framed syllabus for courses at Undergraduate Level, Parvatibai Chowgule College in
  - Fundamentals of Mineralogy,
  - Principles of Stratigraphy and Paleontology,
  - Advanced Mineralogy and Geochemistry,
  - Optical Mineralogy,
  - Metamorphic Petrology
  - Igneous Petrology
  - Gemmology
- Conducted Short term Certificate Course in Coloured Gemstone Testing, November 2018-January 2019.
- Conducted honours programme in “Gem testing and evaluation” for Semester III students of Geology in the academic year 2015-16.
- Co-ordinated & conducted Honours Programme in ‘Applications of GIS in Geology’ at Semester III in the academic year 2014-15.
- Conducted field trips for students of Geology to places of geological interest in Goa, Karnataka, Maharashtra, Rajasthan and Andhra Pradesh.
- Supervised Third year students’ projects in Geology titled.
  - Garnet-A variety of Gemstone, 2020-21
  - Hydrogeochemistry of the river water and the rock samples along river Khushavati, South Goa. 2019-20
  - Groundwater analysis of Nessai Industrial Estate, 2018-19
  - Petrology and Geochemistry of Deccan Trap Basalt in NE region of Goa, 2017-18

- Effects of Igneous Intrusions on the Country Rocks at Patnem, Canacona, Goa, 2016- 17
- Petrographic And Structural Studies of The Clastic Lithounits of the Bagalkot Group At Salgundi, Karnataka, 2015-16

#### **Conferences, Training Programmes attended:**

- Completed e-training on ‘Training of Micropaleontology and C14 dating’ conducted by Geological Survey of India Training Institute, Hyderabad from 21-07-2021 to 31-07-2021.
- Participated in one day National Seminar on e-learning and MOOC’s in Higher Education on 14 January 2019
- Participated in the one-day workshop on Geosciences and Mineral Resources organized by Department of Earth Science, Goa University in association with UGC-SAP on 17/03/17
- Organised a “*Workshop in Petrology*” involving Lecture Series, Hands-on Training cum Geological Fieldwork, Department of Geology, Parvatibai Chowgule College, 04-12-2018 to 08-12-2018, DBT College Star Status, Government of India
- Training Programme on ‘*Field Techniques in Geological Mapping and Exploration*’ Field Training Centre, GSI TI, Madehalli Road, Chitradurga 4th June 2016 to 10th June 2016 Geological Survey of India Training Institute jointly with Geological Society of India
- Volunteer for Nobel dialogue in the Nobel Prize Series, India 2018 event organised by Media AB Department of Biotechnology, Govt. of India and Dept of Science and Technology, Govt. of Goa at Kala Academy, Panaji Goa on 2, 3 & 4 Feb 2018.
- Participated in the one day Nobel dialogue in the Nobel Prize Series, India 2018 event organised by Media AB Department of Biotechnology, Govt. of India and Dept of Science and Technology, Govt. of Goa at Kala Academy, Panaji Goa on 2 Feb 2018.
- Attended 77th Orientation Programme from 12 – 02 – 2009 to 11 – 03 - 2009 organised by Academic Staff College, Goa University.
- Participated in the Awareness raising training programme on Hydrological Information System Organized by Central Water Board, South Western Region, Margao-Goa in association with Government of India; Ministry of Water Resources; Central Ground Water Board, Hydrological Project Phase – II on 27th Nov 2008.
- Attended workshop on “Recent Trends in Earth Sciences” organised by Department of Earth Sciences, Goa University in association with UGC New Delhi supported under the SAP – DRS Program on 19-03-2009.
- Participated in International meet ‘Pages’: Past Global Changes organised by National Centre for Antarctica and Ocean Research, Vasco-Goa Ministry of Earth Sciences, Government of India on 13 – 16 February 2013
- Attended Winter Training Programme in Geospatial Technologies organised by Department of Geography, Parvatibai Chowgule College and sponsored by Department of Science and Technology, Ministry of Science and Technology, Government of India from 13 – 01 – 2014 to 02 – 02 – 2014.
- Attended Science Academies’ Refresher Course on Crystallography, Mineralogy, Igneous Petrology and Thermodynamics organised by Indian Academy of Sciences, Jalahalli, Bangalore and Sponsored by Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi; The National Academy of Sciences, India, Allahabad from 26 December 2014 to 9 January 2015.
- Attended training programme on ‘Field Techniques in Geological Mapping and Exploration’ organized by Geological Survey of India Training Institute jointly with Geological Society of India from 4th to 10th June 2016.

**Research:**

Presented a paper titled “Sedimentology and Provenance studies of Lower part of the Bagalkot Group of Kaladgi Basin: Implications of Tectonic and Sedimentation History” at National conference on Sedimentation and Stratigraphy & XXXI convention of Indian Association of Sedimentologists, November 12-14, 2014.

**Publication:**

- Devli, M; (2023) Inferring paleocurrents using imbrications in the Kaladgi Basi. Journal of Geological Society of India. V.99, pp. 1328-1329. (Springer Nature, Impact Factor: 1.3)
- Devli, M and Kotha, M (2018) Paleocurrent, deformation and geochemical studies of lower part of the Bagalkot Group of Kaladgi basin at Ramthal and Salgundi: Implications on sedimentation history. Journal of Indian Association of Sedimentologists, ISSN/ISBN 0970-3268 UGC-CARE Listed

**Resource person:**

- Presented a scientific talk for ‘Virtual Monthly Scientific Meeting’ organized by the Geological Society of India, Bengaluru on 9th August, 2023 her research work on “Inferring Paleocurrents using imbrications in the Kaladgi basin”.
- Resource person at Dhempe College of Arts and Science to deliver a talk on “Scope of Gemmology” on 08-07-2014.
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