

Mr. Aneesh Soman

Present position

- **Assistant Professor**

Contact Details



020- 6765 6083



aneesh.soman@fergusson.edu

Work Experience

- **Teaching: 11.5 years**
- **Research/Industrial: 6 years**

Personal Profile

1. Assistant Professor at Fergusson College (Autonomous) Pune since 2011.
2. Pursuing Ph.D. in Paleontology on 'Paleogene Bivalves from Kachchh' at SPP University, Pune
3. Experience of research as a research-student in Germany for four years.
4. Experience of research as a research-student at Agharkar Research Institute, Pune for 1+ years
5. Experience of handling, data acquisition and data interpretation on latest microanalytical tools such as Electron Microprobe, SEM, TEM, Raman spectroscopy etc.
6. Research presentations and talks in international science conferences at UK, Canada and Germany
7. Experience in academic research, GIS industry, Teaching and field of Natural Resource Management.
8. Guiding the students for Dissertation and research projects

Course(s) Taught

1. **GLY4101 Mineralogy**
2. **GLY4106 Geomorphology and RS-GIS**
3. **GLY4201 Igneous Petrology**
4. **GLY5301 Economic Geology**
5. **GLY5302 Exploration Methods**
6. **GLY5303 Petroleum Geology**
7. **GLY5304 Hydrogeology and Groundwater Development and Management**

Field of Specialization/Areas of Interests

- **Petrography**
- **Palaeontology**

Education

Ph.D. – Pursuing PhD in Palaeontology (Geology) at SPPU, FCP as research centre, on Paleogene Bivalves from Kachchh, under the guidance of Dr. Ravindrasing Pardeshi and Dr. Kantimati Kulkarni

Title of the Thesis: Studies in Paleogene mollusca from Kachchh with special reference to palaeozoogeographic considerations

Name of University: Savitribai Phule Pune University

Year of Award – Ongoing

- **Master of Science- (Geology):** 2003
Pune University (now Savitribai Phule Pune University)
- **Bachelor of Science- (Geology):** 2000
Fergusson College, Pune

Fellowship/Awards/ Certifications/Achievements/Recognitions

NET 7th rank (2011)

Received a **grant under ERASMUS Plus** program to work for three months at University of Krakow, **Poland** (2018)

Diploma Course in Sustainable Natural Resource Management and Conservation (2000)

Member of College Committees/ Professional Bodies and Others

College Level	Professional Bodies	Others
<ul style="list-style-type: none">• Departmental coordinator for OBE		
<ul style="list-style-type: none">• Departmental coordinator for Placements		

Employment History

- 1) **Organization :** Kalyani Net Ventures, Pune
Role : Data acquisition fro GIS
Duration : 2000

Responsibilities	<ul style="list-style-type: none">• Lab and Field studies
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- 2) **Organization :** Agharkar Research Institute, Pune
Role : research-student
Duration : 2004

Responsibilities	<ul style="list-style-type: none">• Lab and Field studies
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3) Organization : Institute of Mineralogy, WWU University, Muenster, Germany

Role : research-student

Duration : 2005 to 2009

Responsibilities	<ul style="list-style-type: none">• Lab work.
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Research Publications in National and International Journals

Manuscripts -

1. Sarkar P. K., Upasani D. V., Soman A. C. (2013) Occurrence of well-crystallized nontronite in the gas vesicles of a megaporphyritic basalt flow near Nighoj, Ahmednagar district, Maharashtra Journal of the Geological Society of India 82 (4), 363-367
2. Soman A, Geisler T, Tomaschek F, Grange M and Berndt J (2010) Alteration of crystalline zircon solid solutions: a case study on zircon from an alkaline pegmatite from Zomba–Malosa, Malawi. Contributions to Mineralogy and Petrology , (160), 909–930 I.F. 3.44
3. Patwardhan K. R., Soman A. C. (2004) An unusual specimen of Ichnogenus Ancorichnus from the Rudramata Member of Jhuran Formation (Upper Jurassic), Kachchh. Gondwana Geological Magazine, 19 (1), 77-83.

Abstracts –

1. Sirvi Rahul, Soman Aneesh, Borkar Vidyadhar, Kulkarni Kantimati (2022), One Sandstone Representing the Bagh Formation (Turonian), Exposed near Belam Bujurg, Khargone District, Madhya Pradesh, India, XXVIII Indian Colloquium on Micropalaeontology & Stratigraphy, Abstract no. ICMS-SPPU 2022/ 19, p126
2. Soman, A., Geisler, T., Tomaschek, F., Berndt, J. and Putnis, A. (2008). Hydrothermal alteration of an alkali pegmatite from Zomba-Malosa (Malawi). Berichte der Deutschen Mineralogischen Gesellschaft, Beihefte zum European Journal of Mineralogy, submitted.
3. Soman, A., Geisler, T., Tomaschek, F., Berndt, J. and Putnis, A. (2008). Multi-stage hydrothermal alteration of accessory minerals from an alkali pegmatite from Zomba-Malosa (Malawi). Conference Supplement to Geochimica et Cosmochimica Acta 72, A882.
4. Soman A., Geisler T., Tomaschek F., and Putnis A. (2007) Re-equilibration of natural pyrochlore from Malawi in aqueous fluids. Frontiers in Mineral Sciences 2007, Programme and Abstracts, 199-200.
5. Geisler T., Pöml P., A., Soman A., Menneken M., Plümper O., Schepers A., Scheiter D., and Niedermeier D.R.D. (2007) Evaluation of the long-term performance of potential nuclear waste form materials. Frontiers in Mineral Sciences 2007, Programme and Abstracts, 197-198.
6. Soman, A., Tomaschek, F., Berndt, J., Geisler, T. and Scherer, E.E. (2006). Hydrothermal re-equilibration of zircon from an alkali pegmatite of Malawi. Berichte der Deutschen Mineralogischen Gesellschaft, Beihefte zum European Journal of Mineralogy 17 (1), 132.

Participation in Conferences/Seminars/Symposia/Workshop:

28th Indian Colloquium on Micropalaeontology & Stratigraphy at the Savitribai Phule Pune University, Pune (4th to 6th May, 2022)

Events Organized/Coordinated:

- Invited for **popular talks** on Geology by NGOs and Schools
- Conducted a workshop on **Soft Skills under IQAC**
- Conducted training on **Spoken English for MSc Geology students**

Additional skills/Activities

- Communication skills
- Project completed: LIFE (Learn to innovate for Excellence) Programme by UGC under College of Excellence (CE) 2019-20 on Study of Fossil Echinoids from the Maniyara Fort Formation (Oligocene), Kachchh
- Project completed: LIFE (Learn to innovate for Excellence) Programme by UGC under College of Excellence (CE) 2019-20 on Study of fossil Turritellids from a new locality in Miocene of Kachchh

Consultancy Services

Provided consultancy on petrography to Soiltech India Pvt. Ltd.