Department of Geology

Master of Science in Geology (Self Finance Program)

Department of Geology is one of the oldest Departments in the western region of Maharashtra which has a legacy of hundred and seven years.

Aims and Objectives

Master in Geology (M.Sc.) program is specially designed to provide deep knowledge and develop necessary skills to acquire good jobs in different disciplines. After completion of this two years Choice Based Credit System program, many different avenues are open to the students; such as Research in Earth Sciences, Jobs in various Industries such as Petroleum, Geotechnical, GIS and Remote Sensing, Hydrogeology, Gemmology, Exploration, Mining and in Government sector.

Facilities

Museum: The Geology Department of Fergusson College has an excellent and unique Museum known as Prof K.V. Kelkar Museum which was set up in 1962. The Museum is a vast treasure of geological specimens donated by the students of the department as well as those collected by the teachers and students during their field trips. The Museum is one of the highlights of Fergusson College.

P.G. Library: The Department has a dedicated in-house library with rich collection of books which includes latest reference books, scientific journals and study material etc.

Computers with Internet Facility: Students use this facility to acquire latest information to update their knowledge, explore future avenues of higher education and global prospects in career opportunities.

Research Laboratories:

The department hosts the following well equipped Research Laboratories

- Petrology
- Sedimentology and Palaeontology
- Gemmology
- Geochemistry
- Hydrogeology
- Remote Sensing, G.I.S.

Course structure & Credit Distribution

Semester I (All courses compulsory)

GL 101: Mineralogy (4 Credits)
GL 102: Principles of Stratigraphy and Paleontology (4 Credits)
GL 103: Physics and Chemistry of the Earth (4 Credits)
The general geology course opens the gates to many career avenues. We proudly tell that our past students are taken up by various renowned companies such as Halliburton, Shlumberger, Fugro, Tom Tom, Tata Petrodyne, Wetherford, Bentley Solutions; by NGOs like ACWADAM, and IOFC; by research organization such as ARI Pune, NIO Goa, IISER and also in ONGC, GSI, GSDA, and DGM.

The students who thought out of the box have started their own consultancy business and today they are proud entrepreneurs.