

Report on geological fieldwork

Malvan and Surrounding Area
Sindhudurg District, Maharashtra
2nd November – 10th November, 2019

Department of Geology
St. Xavier's College – Autonomous, Mumbai



Report prepared by
UID: 172290
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TY-BSc – Geology

CERTIFICATE

This is to certify that Mr./Ms. Ritabrata Mitra (UID 172290) Participated in and completed the twelve-day mandatory fieldwork at Malvan, Maharashtra, from 2nd to 10th November, 2019 as per the college curriculum.



Dr. Hrishikesh Samant

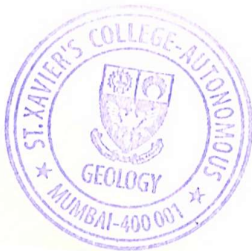


Dr. Ashwin Pundalik

(Field instructors)



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Abstract

A geological fieldwork was carried out in and around Malvan, Sindhudurg District in Maharashtra, India as a part of TYBSc coursework through St. Xavier's College-autonomous, Mumbai. The area of study included several locations within the districts including Malvan, Kankavli, Tarkarli, Devli, Ozhar, Talashil, Sarjekot, Ghumade, and Ramgad. The fieldwork involved a detailed study of the Stratigraphy of the rocks belonging to Dharwar Craton. Several exercises in sedimentology and structural geology were performed to gain a deeper understanding of the rock types, along with observing sedimentary structures, geomorphological structures and learning about several surveying techniques (including plane-table survey and total station theodolite) amongst many other activities. The following field-report is based on the study of stations visited during the field tour along with data obtained from various research papers by geologists who carried out detailed study in the region, and several reference books.