

# Report on geological fieldwork

Malvan and Surrounding Area  
Sindhudurg District, Maharashtra  
2<sup>nd</sup> November – 10<sup>th</sup> November, 2019

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



Report prepared by  
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# CERTIFICATE

This is to certify that Mr./Ms. Mukta Kale (UID 172315) Participated in and completed the twelve-day mandatory fieldwork at Malvan, Maharashtra, from 2<sup>nd</sup> to 10<sup>th</sup> November, 2019 as per the college curriculum.



**Dr. Hrishikesh Samant**

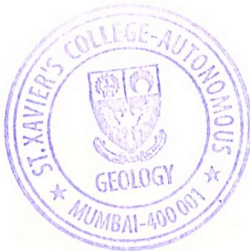


**Dr. Ashwin Pundalik**

**(Field instructors)**



**Dr. Pravin Henriques**  
**Head, Department of Geology**  
**St. Xavier's College, Mumbai.**



## **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.