

DEPARTMENT OF MATHEMATICS &PHYSICS
EMEA COLLEGE OF ARTS AND SCIENCE, KONDOTTI

EXPERIENTIAL LEARNING VISIT
TO
KERALA SCHOOL OF MATHEMATICS

Bsc. Mathematics & Physics (2020-2023)



10th March 2022

INTRODUCTION OF INSTITUTE

Kerala school of mathematics is located at kozhikode which is a premier research institute of science with focus in mathematics. The institute is a joint venture of the department of atomic energy and the Kerala state council for science, technology and environment.

The main objective of Kerala school of mathematics is to conduct high quality mathematical research. Kerala school of mathematics was founded with the vision of establishing a centre of excellence for research in mathematics to revive the glory of a school by a similar name which flourished between the 14th and 16th century in Kerala

OBJECTIVES

1. To experience activities of research institute in Mathematics.
2. To explore the library and textbook depository in mathematics.
3. To interact with faculties in the field

PARTICIPANTS

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DETAILS OF JOURNEY AND EXPERIENCE

17 students of second year Bsc mathematics and physics double main, visited Kerala school of mathematics as part of our academic Project on 10th march 2023 with the help of Library professor Vijayarajan, who is very much interested in the broad area of functional analysis and operator algebras in particular. He is currently interested in quantum approximation and extremal theory in the context of c^* -algebras and non Neumann algebras

Library is a key department in any research organization that contributes significantly to the knowledge acquisition process of both students and faculty. Library collection has a wide variety of educational and research materials of all levels of academic programs. Research libraries play a vital role in promoting educational research.

We can learn a lot of unknown things from the library. There was an interaction session where Professor Vijay taught us many things. Metrics found in mathematics, stories behind climate, etc discussed in the interaction session in which several questions and doubts were cleared by him.

Fortunately, there were many books in the library which we have never seen before. They were all different books related to mathematics. Professor vijayarajan briefed the content and particulars of some important books. There were many interesting things in it, such as the complex, metrics etc.

The success of any research organisation depends on the literature available and the state-of- the-art infrastructure in the library. Unlike conventional libraries, the modern digital library reaches out to its patrons anywhere in the world at his/her finger tips. By keeping this fact in mind, Kerala school of mathematics was aiming to set a state-of-the-art digital library to its users which could enable them to access from anywhere in

the world. Kerala school of mathematics had always believed in providing the best available resources to its scholars and faculty members.

The ultimate aim of Kerala school of mathematics library is to become the regional mathematical depository library to serve both research scholars and faculty members to support all kinds of research activities in the field of mathematics and its allied subjects.

PHOTOS





OUTCOMES OF THE VISIT

1. Gained hands on experience about the working and activities of Kerala school of Mathematics.
2. Explored the wide variety of books and other materials on mathematics.
3. Gained knowledge about different areas of mathematics through expert classes.
4. Cleared doubts and confusions in several areas of the subject.