

Assabah Arts & Science College, Valayamkulam

Department of Geology

ANNUAL REPORT 2019-2020

INDEX

SI NO	DATE	PROGRAMME
1	11/9/19	2 ND YR FIELD VISIT
2	05/01/20	FINAL YR FIELD VISIT
3	28/01/20	GEO FEST
4	28/01/20	SEMINAR

PROGRAMME REPORT

Academic year 2019-2020

1. Name of the Programme : **Field trip**

Date and Time	11/11/2019 to 20/11/2019
Organized by	Department of Geology
Participants	Second year geology students
Venue	Karnataka

Dept. of geology organized field visit for second year BSc Geology students & it is carried out on 11th November 2019 and lasts for 20th of the same month, covering various fields of Karnataka.

The Department of Geology organized a comprehensive geological field visit to Karnataka and Tamil Nadu aimed at providing hands-on experience and practical exposure to students and faculty members. The excursion covered various geological formations, landscapes, and significant geological sites in both states.

The field visit provided participants with valuable insights and learning experiences, including:

Enhanced understanding of geological concepts through practical exposure.

Development of fieldwork skills such as observation, data collection, and analysis.

Appreciation of the geological diversity and complexity of the Karnataka and Tamil Nadu regions.

Strengthening of academic and professional networks among participants.

The geological field visit to Karnataka and Tamil Nadu organized by the Department of Geology proved to be a highly enriching and rewarding experience for all participants. It not only facilitated hands-on learning but also fostered a deeper appreciation for the geological heritage and resources of the region. Such field visits play a crucial role in shaping the knowledge and skills of future geologists and contribute to the advancement of geological science.



PROGRAMME REPORT

Academic year 2019-2020

2. Name of the Programme : **Field trip**

Date and Time	05/ 01/20 -15/01/20
Organized by	Department of Geology
Participants	Final year geology students
Venue	Tamil nadu & Andrapradesh

The geological field visit to Tamil Nadu and Andhra Pradesh aimed to provide participants with hands-on experience in studying the diverse geological formations, landforms, and natural features of the region. The expedition sought to deepen understanding of geological processes, history, and significance in shaping the landscape and resources of these states.

The geological field visit to Tamil Nadu and Andhra Pradesh provided participants with a comprehensive exploration of the region's geological wonders, spanning from ancient cave formations to coastal landscapes. Through hands-on observations, interactive discussions, and expert guidance, attendees gained profound insights into the geological processes, history, and significance of the visited sites.

The expedition not only enriched participants' understanding of regional geology but also fostered appreciation for the intricate interplay between geological forces, natural landscapes, and cultural heritage. Moving forward, the insights gleaned from the field visit will inform further research, conservation efforts, and educational initiatives aimed at preserving and promoting the geological heritage of Tamil Nadu and Andhra Pradesh.

PROGRAMME REPORT

Academic year 2019-2020

3. Name of the Programme : Geofest (T-REX 2020)

Date and Time	28/01/2020
Organized by	Department of Geology
Participants	Geology students,assabah college
Venue	Assabah Arts & Science college

Dept. of geology organized a Geofest- “T-REX 2020” – A geological exhibition on 28th January 2020.It was inaugurated by Dr. V K Bijesh(Asst.Professor,Dept. of Geology,MES College Ponnani). The exhibition was held over two days .The first day of exhibition was meant for college students and second day for high school & higher secondary students.



ASSABAH
ARTS & SCIENCE COLLEGE
VALAYALKULAM



T-REX 2020

Department of Geology

Inauguration

Dr. V.K. Brijesh

Assistant Professor

Dept. of Geology, M.E.S Ponnani College

Date : 28.01.2020 - 10 am

Venue : College Auditorium

Seminar : Introduction to Geo Informatic System
By : Mr. Shafeeq
Mr. Minhath
Time : 10.30 am - 11.30 am
Venue : College Auditorium

Geo Fest : 11.30am - 4.00pm
Venue : Dept. of Geology New Block

PROGRAMME REPORT

Academic year 2019-2020

4. Name of seminar : **An introduction to geoinformatics system**

Date and Time	28/01/2020
Organized by	Department of Geology
Participants	Geology students, assabah college
Venue	College auditorium

In association with geofest, a seminar on the topic “an introduction to geo informatics system” was also organized by the Department. Mr Shafeek & Mr Minhath was the resource persons.

The Department of Geology recently organized a seminar titled "An Introduction to Geographic Information System (GIS)." The seminar aimed to provide attendees with a comprehensive understanding of GIS, its applications in geology, and its significance in modern scientific research and industry practices. The seminar commenced with an overview of GIS, elucidating its basic principles, components, and functionalities. Attendees gained insights into how GIS integrates spatial data with various analytical tools to interpret, analyze, and visualize geographical information effectively. The seminar extensively explored the applications of GIS in the field of geology. Presenters highlighted how GIS technologies facilitate geological mapping, mineral exploration, groundwater management, hazard assessment, and environmental monitoring. Case studies and real-world examples demonstrated the practical utility of GIS in addressing geological challenges and enhancing decision-making processes.

The seminar on "An Introduction to Geographic Information System" organized by the Department of Geology served as an enriching platform for attendees to deepen their understanding of GIS concepts and applications in geology. Through interactive sessions, informative presentations, participants gained valuable insights into the transformative role of GIS in advancing geological research, exploration, and decision-making processes.

Overall, the seminar successfully achieved its objective of fostering awareness and appreciation for GIS among geology enthusiasts and professionals alike, paving the way for further exploration and integration of GIS technologies in geological studies and practices.