

## **DEPARTMENT OF CHEMISTRY, ST. THOMAS COLLEGE, RANNI**

### **Annual report of the activities in Dept. of Chemistry, during the academic year 2019-2020**

Extension Activity

#### **Unnath Bharath Abhiyan**

St Thomas college, Ranni has been selected as a participating institute under UBA (unnath Bharath Abhiyan}, a flagship programme of Ministry of Human Resource Development. Dr. Ansu Jacob, HoD, Department of chemistry has been selected as the coordinator of the program. The objective of the program is to engage reputed higher educational institutions to understand and work in rural areas. Under this programme five villages from ranny taluk has been adopted-Angadi, Pazhavangadi, Chethakkal, Vadasserikara and Athikayam. The mission aims at bringing about transformational change in rural development process. In order to understand the living conditions in the adopted villages and to access the local problems and needs. Surveys are conducted and also meetings with elected public representatives of villages are conducted as a part of development process, planning and implementation.

#### **Chemistry Association (2019 – 2020)**

Teacher in charge : Dr. Mathew Kuruvilla

#### **Inauguration**

The formal inauguration ceremony of chemistry association (2019 – 2020) was held on 7<sup>th</sup> August 2019 at Seminar hall ,St.Thomas College, Ranni. Dr. Mathew Kuruvilla , Asst.Professor , St.Thomas College, welcomed the gathering, Dr.Deepa Thomas , Asst. Professor, Bishopmoore College, Mavelikkara inaugurated the function and gave a lecture on “supramolecular Chemistry”. The session took the students to a fascinating world of supramolecular chemistry. The session was concluded by proposing vote of thanks by Prof. Rintu Mathew.

As a green initiative to curb the use of plastic, the Dept. Of Chemistry gave training for the manufacture of paper pen and paper bag. In order to foster the scientific interest the department started a small scale venture in manufacture of soaps “ Hebe” in the department laboratory.

### **Awareness Programme.**

As part of Chemistry Association a class on corona virus had been organised by Dept.of Chemistry on 11<sup>th</sup> February by sri. Sunil kumar, Health Inspector, PHC Makkapuzha. The cause for the outbreak of disease, its symptoms and various aspects are handled during the session. The meeting concluded with interaction of students with the subject expert.

### **Research Forum Activities**

The research forum was formally inaugurated in the college by Principal, St Thomas college, Ranni. The research gave a platform to foster the research mind of the students. As part of Research forum in the college, various students of the PG Programme (Chemistry) presented their research work in the research forum of chemistry.

### **Faculty Achievements**

1. Prof. Rintu Mathew presented her research work “ A review on tribology of epoxy MMT nanocomposites in KV Thomas endowment National Seminar held at S H College Thevera.
2. Prof. Rintu Mathew participated in online quiz competition conducted by B J M College, Chavara, Kollam.