

**Sri GVG Visalakshi College for Women(Autonomous), Udumalpet.**

**Department of Chemistry**

**Report on Industrial visit to Ruby Food Products PVT Ltd- Madurai, ISRO Propulsion Complex (IPRC)- Mahendragiri and District Science Centre- Tirunelveli on 22/08/2019 and 23/08/2019**

Industrial visit serves as a relation building process between institute and industry. As growing chemist who should learn about several Chemistry principles and industrial applications, it becomes essential for the students to understand how the theoretical concepts can be implemented on the practical front in various manufacturing industries. For this purpose Department of Chemistry, Sri GVG Visalakshi College for Women, Udumalpet organized an Industrial visit to Ruby Food Products PVT Ltd- Madurai, ISRO Propulsion Complex (IPRC)- Mahendragiri and District Science Centre- Tirunelveli on 22/08/2019 and 23/08/2019 for II BSc Chemistry students.

Thirty Eight students along with Two staff members visited the Ruby Food Products PVT Ltd- Madurai, ISRO Propulsion Complex (IPRC)- Mahendragiri and District Science Centre- Tirunelveli. The main objective of the visit is to make an awareness on food preservation, manufacture of flavored drinks and on the launching of space vehicles to popularize science among the students.

First day we went to the Ruby Food Products Pvt Ltd, Madurai which is a leading South Indian Beverage Manufacturer. They prepared Fruit Juices and flavoured milk products which are the Mango, Apple and Lemon Juices in various Packaging Styles. The flavoured milk variants include Badam, Rose, Choco nuts and Jiggardhanda. When we visited the factory, first we got to see the washing of glass bottles for Badam flavoured milk, then mixing of milk and badam nuts from different pipelines. After that we entered to the packaging section and got knowledge on the preparation of various beverages. Before leaving we were served with one bottle of badam milk for each students.



Next day we went to ISRO Propulsion Complex (IPRC)- Mahendragiri. The main role of IPRC is to carry out research for the development of liquid propulsion systems both for Satellites and Satellite Launch Vehicles. To inculcate the knowledge on launching of space vehicles, students were asked to visit science museum. There students gained knowledge on PSLV, GSLV and various types of engines which were explained by models and also they got the information about the propellants and oxidants used in cryogenic engine. They interacted with the guide to clarify their doubts and last we went to visit the propellant testing area.

After that we visited to district science centre, Tirunelveli. A visit to a Digital Planetarium which attracts the visitors towards the space wonder, Mini 3D Theater where runs a show of 15 minute to 20 minute length of movie, Pre Historical Park, Mirror Magic Gallery etc was very exciting for students and really helps them to understand the basic science.

We assure that the above said visits providing them indispensable knowledge and skills to enable them to pursue a better career. And also a chance for planning and organizing the events and will create a chance to build a closer bondage among them as a step towards team build-up.