



(Sponsored by Women's National Education Society)

Re - Accredited by the NAAC with 'A' Grade

## **REPORT ON GUEST LECTURE ON ANALYTICAL TECHNIQUES IN CHEMISTRY**

### **AIM:**

To deliver a lecture on the topic of Analytical Techniques in Chemistry for the students.

### **OBJECTIVE:**

- To educate the students on the various aspects of Analytical chemistry.
- To provide information on common measures to prevent manual error in practical.


### **OUTCOME:**

The guest lecture provided in-depth knowledge to the students on the basic topics of analytical chemistry which will be of great use in the practical sessions to prevent errors in the result and for their research purpose.

### **REPORT:**

The Department of PG studies in Food Science & Nutrition organized a Guest lecture for the students of 1st MSc FSN on the topic of Analytical techniques in Chemistry on 14<sup>th</sup> July 2023. The resource person for the lecture was Ms. Adithi, Lecturer, Department of Chemistry, Besant Women's College, Mangalore. Ms. Adithi in detail explained the concepts used in analytical chemistry which would be of great help for the students to pursue research as well as in the field of food technology. The session consisted of both theoretical as well as practical aspects. In the theoretical part, Ms. Adithi was briefed about the concept of normality, molarity, molality, atomic number, atomic weight, the importance of molecular formulas. She even gave a few problems to the students in order to understand the concept in a better way. With respect to the practical aspects, Ms. Adithi explained on the precautions during titration, spectroscopy handling, dilution of acids, and measurement of colored & colorless solution in order to prevent manual errors in obtaining the results. By the end of the session, the students were thorough with the above-mentioned topics & asked a few questions regarding the calculation of molecular weight, molar & molal weight. The feedback of the students was collected, post the guest lecture.

## Guest lecture on analytical techniques in chemistry

 **BESANT WOMEN'S COLLEGE**  
Sponsored by Women's National Education Society, Mangalore  
M.G. Road, Kodialbail, Mangalore-03

The Department of PG Studies in Food Science & Nutrition along with IQAC  
organises a guest lecture For the 1st MSc FSN students  
on the topic

### ANALYTICAL TECHNIQUES IN CHEMISTRY

by  
**MS. ADITHI .N.**  
LECTURER,  
DEPARTMENT OF CHEMISTRY  
BESANT WOMEN'S COLLEGE, MANGALORE

on  
14th July 2023  
11.30 am  
FSN lecture Hall 2

**Prof. Syed Kulkar .S.**  
IQAC Co-ordinator

**Dr. Sathish Kumar Shetty P**  
Principal

**Dr. Mangala KT**  
Correspondent - BWU  
Vice President - WNES

**Ms. Amara**  
Faculty, MSc FSN

**Ms. Nireeksha V**  
Faculty, MSc FSN

**Ms. Indira Badya**  
HOD, MSc FSN

