

## **ACCORD RESEARCH CONSORTIUM (ARC)**

Our Accord Research Consortium provides laboratory research services adapted to students, research scholar and institutions for their specific needs. Research scholars can benefit our facilities for conducting research activities for partial or complete of their M.Sc, M. Phil and Ph.D. works. We support the students to carryout their projects with Hands on Training will be guided by our well versatile experienced staffs. We also support foundations, research institutions and Universities.

The following studies are performing in our ARC:

- ❖ **HPLC analysis of Compounds**
- ❖ **UV-VIS Spectrophotometric analysis**
- ❖ **Biochemical analysis of compounds**
- ❖ **Enzyme analysis, Kinetic study and inhibitor studies**
- ❖ **Extraction and analysis of Phyto chemicals and Antioxidant studies**
- ❖ **Extraction and analysis of pigments**
- ❖ **Microbiological studies-MIC, Bio load (Raw materials, Finished products), Pathogen testing.**
- ❖ **Microbial strain development of commercial interest, their isolation and characterization**
- ❖ **Shake flask fermentation techniques**
- ❖ **Molecular characterization of compounds**
- ❖ **Water analysis**
- ❖ **Vitamins & mineral studies**
- ❖ **Food/ Medicinal plant proximate studies**
- ❖ **Food Microbiology**
- ❖ **SCP**



- ❖ **Separation techniques-TLC, Paper & Column chromatography**
- ❖ **SDS-PAGE analysis of proteins**
- ❖ **Protein profiling**
- ❖ **Recombinant proteins**
- ❖ **Protein expression and purification in E. coli**
- ❖ **Gene polymorphic studies**
- ❖ **SNP Analysis**
- ❖ **Mutational studies Gene cloning and gene expression analysis**
- ❖ **Protoplast fusion**
- ❖ **Induction of abiotic and biotic stress**
- ❖ **Biodegradation, Biotransformation**
- ❖ **Gene Cloning, Expression & Purification studies(Bacteria & Yeast)**
- ❖ **PCR & RT-PCR services**
- ❖ **DNA-RNA-Protein Electrophoresis**
- ❖ **Bio fertilizers and Bio control agents**
- ❖ **Agri biotech products**

