

**Two Days Workshop on Basic Techniques in Bioscience Research at
Advanced Research Laboratory on 20.8.19 and 21.8.2019**

Participants: The Research Scholars (M.Phil & Ph.D) who have joined in the School of Biosciences in July 2019.

Lecture - Introduction on Analytical techniques in Biosciences.

Dr.R.Nirmala devi

Practical Sessions:

- ❖ Preparation of extracts and their concentration (drying and lyophilisation) - yield calculation.
- ❖ Recording absorption spectrum in the UV and Visible ranges.
- ❖ Quantification of nucleic acids by UV absorption.
- ❖ Estimation of chromogenic derivatives of biologicals in micro volumes.
- ❖ Separation of plant pigments by TLC.
- ❖ Separation of amino acids by column chromatography.