

Report on

One Day workshop on ‘Bioinstrumentation’

26 August, 2015



Organized by

Department of Biotechnology,

In association with

Labmate (Asia), Chennai

Faculty of Arts, Science and Humanities
Karpagam Academy of Higher Education
Coimbatore, Tamil Nadu

About the Training:

Report

One-day Workshop on BIOINSTRUMENTATION

Department of Biotechnology, KAHE in association with Labmate(Asia) Chennai, conducted a workshop on *Bioinstrumentation* on August 26, 2015. There were 120 participants of which 93 were registered participants. The registered participants included two faculty members from Govt. Arts & Sciences College, one from Sree Narayana Guru College (SNGC) and one from Nehru Arts & Science College, Coimbatore, and students at UG/PG levels from PSGR Krishnammal College for Women, SNGC, Hindusthan College of Arts & Sciences, Coimbatore and the rest from various departments of KAHE.

The Director Shri. Thiagarajan, a marketing professional and one technical person from Labmate one technical person from Carl Zeiss were present. The following instruments

- a) Minilys – Tissue Homogenizer (Bead Beater) from Bertin Technologies, France
- b) Labsafe - Safety Aspiration Device
- c) Colibri – Micro-volume Spectrophotometer – Berthold, Germany
- d) Orbital Shaker from Hoefer, USA
- e) Magnetic Stirrer – 2 mag, Germany
- f) Binocular Compound Microscope Model PrimoStar – Carl Zeiss, Germany

were displayed in the UG lab (I Floor). The forenoon session included of an one hour power point presentation on details on working principle of the instruments by the Director, Labmate. Subsequently demonstration of instruments such as Minilys – a flexible compact, personal bench top homogenizer, Lab safe- a safe aspiration system for cell culture labs to collect spent media, an orbital shaker, magnetic stirrer, Colibri – microvolume spectrophotometer and Light Microscope attached with phase (Carl Zeiss) was done by the technical persons. Overall the workshop was very much informative to all UG and PG students and was able to understand handling of instruments; the feedback given by the participants. Thus, this workshop served to be an informative platform for students undertaking the classes on Bioinstrumentation as core paper in their course.