

**KARPAGAM ACADEMY OF HIGHER EDUCATION
COIMBATORE-21**

DEPARTMENT OF CHEMISTRY

A brief Report on the Hands on Training programme on “Spectral and Chromatographic Techniques” on 30th September 2019 in Karpagam Academy of Higher Education.

We have organized a hands on training programme on “Spectral and chromatographic techniques” on 30th September 2019 for the B.Sc and M.Sc students from Karpagam Academy of Higher Education. The programme covered training in UV-Visible spectrophotometer, Gas chromatography, TLC, column chromatography and Microwave synthesis. About 45 students were participated in the programme. The programme started by 9.30 am and concluded at 4.30 pm.

Students were divided into four batches and the training was given in rotation in three different places

1. Microbiology lab: Microwave synthesis
2. DST Laboratory: UV-Visible and Gas chromatography technique
3. Chemistry Laboratory: TLC and Column chromatographic techniques.

The following staff members and research scholars gave the training

1. Dr.S.Ravi
2. Dr.M.R.Ezhilarasi
3. Dr.K.Sundaram
4. Dr.M.Makeswari (Organizing Secretary)
5. Ms.B.Prabha
6. Ms.Dharani (Research Scholar)

The Lab assistants Mrs. S. Sangeetha, Ms. Priya and Ms.Kanimozhi also supported the programme. Students from II-M.Sc., and I-M.Sc., Chemistry were used as volunteers for registration and necessary arrangements.

The training went on well and all the students participated enthusiastically. There was a good interaction between the trainers and the trainees. All the students opined that it was very useful when they will opt for jobs in the industries and for their future studies.



Dr. S. Ravi, welcoming the gathering for the Hands on Training programme on “Spectral and Chromatographic Techniques” on 30th September 2019



Dr. M. R. Ezhilarasi, explains how to prepare a TLC plate