

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

DEPARTMENT OF CHEMISTRY

**A REPORT ON THE HANDS ON TRAINING PROGRAMME ON
“SPECTRAL AND CHROMATOGRAPHY TECHNIQUES” ON 22nd
DECEMBER 2016**

We have organized a hands on training programme on “Spectral and chromatography techniques” on 22nd December 2016 for the B.Sc and M.Sc students from other colleges. The programme covered training in UV-Visible spectrophotometer, IR-spectrophotometer, TLC and chromatography and Microwave synthesis. About 51 students from various colleges participated in the programme. The programme started by 9.30am and concluded at 4.30 pm.

Students were divided in to five batches and the training was given in rotation in three different places

1. Microbiology lab: Microwave synthesis
2. DST Laboratory: UV-Visible and IR techniques
3. Chemistry Laboratory: Chromatographic techniques.

The following staff members and research scholars gave the training

1. Dr.S.Ravi
2. Dr.A.Thangamani (Organizing Secretary)
3. Dr.K.Sundaram
4. Mr. Raja (Research Scholar)
5. Ms.S.Celestina (Research Scholar)
6. Mr.R.Sripathi (Research Scholar)
7. Ms.Dharani (Research Scholar)
8. Ms. S.Vijayalakshmi (Research Scholar)

The Lab assistants Mrs. S.Sangeetha, Ms.D.Maragatham also supported the programme. Students from II.M.Sc and III B.Sc Chemistry were used as volunteers for registration and necessary arrangements.



Mr. Raja, Research Scholar, demonstrates about the IR spectrophotometer



Mr. R. Kumar, explains how to operate a Microwave synthesizer



Dr. S. Ravi, Head distributing the certificates to participants



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