

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

DEPARTMENT OF CHEMISTRY

**A REPORT ON THE HANDS ON TRAINING PROGRAMME ON
“SPECTROSCOPIC AND CHROMATOGRAPHIC TECHNIQUES” ON 9th OF
FEBRUARY 2018**

We have organized a hands on training programme on “Spectral and chromatography techniques” on 9th February 2018 for the B.Sc and M.Sc students. The programme covered training in UV-Visible spectrophotometer, IR-spectrophotometer, TLC and column chromatography and Microwave synthesis. About 47 students participated in the programme. The programme started by 9.30 am and concluded at 4.30 pm.

Students were divided in to five batches and the training was given in rotation in three different places. A training manual was distributed to all the participants.

Microbiology lab: Microwave synthesis

DST Laboratory : UV-Visible and IR techniques

Chemistry Laboratory: TLC and column chromatographic techniques.

The following staff members and research scholars gave the training

1. Dr.S.Ravi
2. Dr.A.Thangamani
3. Dr.K.Sundaram
4. Dr.M.Gopalakrishnan
5. Mrs. B.Prabha
6. Mr.M.Dineshkumar
7. Mr. Raja (Research Scholar)
8. Ms.S.Celestina (Research Scholar)
9. Mr.R.Sripathi (Research Scholar)
10. Ms.Dharani (Research Scholar)
11. Ms. S.Vijayalakshmi (Research Scholar)

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



Mr. M. Dinesh Kumar explaining about the UV-spectroscopy to the students