



CENTRE FOR ANALYTICAL INSTRUMENTATION-KERALA (CAI-K)  
KSCSTE-KERALA FOREST RESEARCH INSTITUTE  
PEECHI - 680 653, THRISSUR, KERALA  
www.caik.res.in



### INTERNSHIP TRAINING PROGRAMME IN ANALYTICAL INSTRUMENTATION

In present day research activities, analytical instrumentation is an essential component of chemical and biological studies. The precision and reproducibility has increased the dependence of researchers on instrumental methods of analysis. Effective adaptation of the technical developments in instrumental analysis requires working talents to operate and maintain these sophisticated instruments. Keeping in view of these aspects, an internship training programme is scheduled to create a pool of technically competent manpower for handling analytical instruments.

This internship training is designed to equip the students with theoretical knowledge and hands on exposure in the fields of analytical instruments applicable in the research areas of Chemistry, Biochemistry, Biotechnology, Environmental Science etc. On successful completion of the period, an exam will be conducted and certificates will be issued.

Objectives of the programme are;

- A) To equip the Students with the theoretical aspects of different analytical methods such as spectroscopy, chromatography etc.
- B) Impart training on procedures in handling sophisticated analytical instruments including GC-MS, HPLC, HPTLC, XRD, ICP-AES, AAS and FT-IR etc
- C) Training on data keeping and routine maintenance of analytical instruments.

**No of seats** : 05

**Duration** : 3 months (Jan 20 – April 25, 2025)

**Fees** : Rs. 22000/- + GST (Can be paid as two instalments)

(Boarding and lodging will be extra and available on request)

#### **Eligibility Criteria:**

Candidates with Post graduation in any branch of Life Sciences/Chemistry/Environmental Sciences. Those who had completed the course within last 3 years will be given priority.

#### **Selection Procedure**

Selection to the programme will be based on post-graduation (PG) mark merit and aptitude test. **Interested candidates are requested to send their resume, a statement of purpose, copies of PG certificates and mark sheets to "The Scientist In-Charge, Centre for Analytical Instrumentation - Kerala, KSCSTE-KFRI, Peechi - 680 653" so as to reach on or before 03 January 2025.** The application along with documents can also be emailed to "[caik@kfri.res.in](mailto:caik@kfri.res.in)" on or before the last date. "*Application for Internship training in analytical instrumentation*" should be written on the cover/subject area. Applications received after the last date will not be entertained. Shortlisted candidates will be intimated and the programme will commence from 20 January 2025.