

Ad15 Course strength

The total number of participants in a group is restricted to 30 for effective interaction. Hence, early registration is advised. **Last date for Registration is 6th March 2017.**

For further details and registration please contact the course coordinator

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Academic Advisory Committee

Dr S Avudainayagam,
Professor & Head
Department of Environmental Science,
Tamil Nadu Agricultural University,
Coimbatore

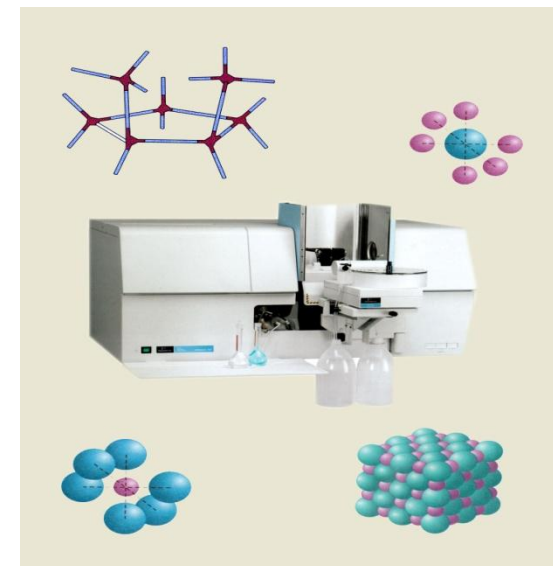
Dr Rajalakshmi
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Coimbatore

Dr M Palanivel,
Reader,
Department of Environmental Sciences,
P S G College of Arts and Science
Coimbatore

Dr K Kadirvelu,
Joint Director, *DRDO*-Bharathiar University
Centre for Life Sciences, Coimbatore

Training Course on Instrumentation and Analytical Techniques

13th – 17th March 2017



Organized by



**SÁLIM ALI CENTRE FOR ORNITHOLOGY AND
NATURAL HISTORY,**
(A Centre of Excellence under the Ministry of Environment,
Forest and Climate Change Govt. of India)
Anaikatty, COIMBATORE – 641 108.
Tamil Nadu

Preamble

Sálim Ali Centre for Ornithology & Natural History (SACON), a Centre of Excellence under the Ministry of Environment, Forest and Climate Change Govt. of India is committed to conduct research in biodiversity conservation and its sustainable use in India. We have been conducting short-term training programmes on Instrumentation and Analytical techniques for students of different disciplines. The main objective of our endeavour is to help equip the students to face the competitive research field.

Who could participate?

Students of M.Sc in Chemistry, Biochemistry, Physics, Microbiology, Environmental Sciences, Biotechnology, Environmental Management, Wildlife Sciences, and Food and Nutrition are our target groups. Laboratory Technicians from educational and university departments also could apply. The course is expected to be highly useful to students who wish to take up research and development as their career. Ph.D & M.Phil. scholars of the referred departments are encouraged to participate.

Venue

Salim Ali Centre for Ornithology and Natural History, Anaikatty, situated 25 km northwest of Coimbatore city at the foothills of Western Ghats, a picture square location with salubrious climate is sure to make the learning an enjoyable experience.



Date

The programme has been scheduled to be conducted for a period of five days between 13th and 17th March 2017; Monday through Friday (10 am to 5 pm). Desiring colleges may opt for exclusive programme depending upon their college academic calendar with advance notification and concurrence of SACON, provided the number of students is around 30.



About the training programme

During the last decade we conducted about twelve training programmes. We had students from Indian Institute of Science and Rammaiah College, Bangalore, Wildlife Institute of India, Dehradun, Bharathiar University, PSG College of Arts & Science, Kongunadu Arts and Science College, Sri Krishna Arts and Science College, Coimbatore, and also from industries. The feedback from the participants was that the programme was comprehensive, informative, interactive and revealing. We also organized exclusive programmes for PSGR Krishnammal College, Coimbatore.

How to reach SACON?

Board buses bound to Anaikatty and get down at Moongilpallam. There are buses to Anaikatty from Gandhipuram Central Bus Stand at 20 to 30 minutes interval via Gandhi Park, Venkatapuram, Edayarpalam. Students also could board SACON staff bus that leaves Gandhi Park at 0815 hrs, provided there is room.

Content of the course

The course is designed to refresh the basic knowledge of the students on analytical chemistry, and to give them theoretical and practical exposure to the various analytical tools towards qualifying and quantifying

many inorganic and organic constituents in a variety of biological and non-biological matrixes. Sample collection, handling, labeling, preservation, storage, sample processing, standard preparation, molarity and normality calculations play a great role in the final estimation of the contaminants. Hence, the course will pay attention to such aspects as well.



Principles and demonstration on the operation of simple pH meter, conductivity meter, to sophisticated analytical equipment, namely Atomic Absorption Spectrophotometer, Graphite Furnace Spectrophotometer, UV-Vis Spectrophotometer, Microwave Digestion system, High Pressure Liquid Chromatograph, Gas Chromatograph and Ultra centrifuge will form the integral part of the course.

Data validation through quality control measures, data management and statistical analysis of the information generated will also form part of the course curriculum.

Course fee

Rs 5000 (Rupees five thousand only) per participant. The fee will include the course material and working lunch and tea. It may be paid directly to SACON or through the college as a demand draft (any bank) drawn in favour of **The Director, Sálim Ali Centre for Ornithology and Natural History, payable at Coimbatore**, or by NEFT to Account No : 2110384929, Central Bank of India, Nanjundapuram, IFSC Code; CBIN0282106.

Registration Form

*Training Course on
Instrumentation and Analytical
Techniques*

13th- 17th March, 2017

*Sálim Alí Centre for Ornithology & Natural
History, Coimbatore*

Name of the student:

Course & department:

Name of the College / University:

Address for correspondence:

Telephone:

Email:

Details of payment:

DD No----- Date

Name of the Bank:

Or NEFT transaction no:

Signature of the student

Forwarded by the Principal /
Head of the Department

Photocopies of the form are accepted

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