



CONSERVATION GENETICS WORKSHOP

21st TO 25th JANUARY 2019

Organized by:



SÁLIM ALI CENTRE FOR ORNITHOLOGY &
NATURAL HISTORY,

(A Centre of Excellence under
the Ministry of Environment, Forest and
Climate Change, Govt. of India)
Anaikatty, Coimbatore 641108.

About SACON

The Sálím Ali Centre for Ornithology and Natural History (SACON), is a Centre of Excellence under the Ministry of Environment, Forest and Climate Change. SACON's mission is ***"To help conserve India's biodiversity and its sustainable use, through research, education and people's participation with birds at the centre stage"***.

The Conservation Genetics course is among several other training courses being initiated at SACON.

SACON is situated in Anaikatty, 25 km northwest of Coimbatore city nestled in the



foothills of the Western Ghats. The picturesque campus and unique architecture of the buildings make it a very attractive location for both, learning and recreation.

Who can participate?

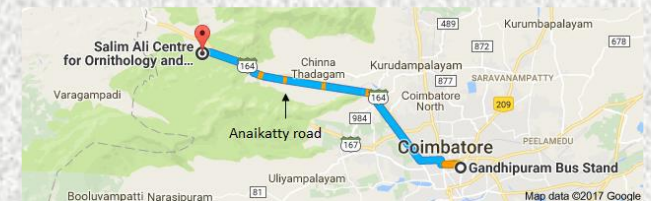
If you are interested in Biodiversity Conservation and Genetics, then this is the workshop for you! This is specifically designed as a primer for students and teachers who wish to initiate research in this field. This will be restricted to Indian nationals.

Dates

The five-day course will be held from January 21 (Monday) to 25 (Friday) 2019. Classes will be held from 9:30 am to 5:00 pm.

How to reach SACON

There are several buses from the Central Bus Stand at Gandhipuram, Coimbatore that ply to Anaikatty. These buses ply through Gandhi Park, Venkatapuram and Edyarpalayam and can be boarded at any of these places. Alight at Moongilpallam.



Course Content

The course is designed for beginners, with many interactive and hands-on sessions. This will cover the theoretical and practical aspects of Conservation Genetics. Classroom sessions will cover the basics including discussions on the applications of genetics in conservation, the Hardy-Weinberg Equilibrium, selection, speciation, measuring population structure and genetic distances, genetic markers and a hands-on introduction to various software used in analysis. Laboratory sessions will include an introduction to instrumentation, hands-on introduction to DNA extraction, PCR and electrophoresis, a discussion on handling and collection of biological samples for genetic analysis and important field and laboratory ethics. Case studies will be presented and discussed. By the end of the course, participants will be acquainted with the procedures involved in conducting genetic analysis useful for conservation, the types of questions that could be asked and the interpretation of results. For further information on the syllabus please visit: www.sacon.in.

Course strength

A total of 20 participants will be accommodated in the course. **Participants will be selected on a first-in basis. The last date for submitting the application form is 25th December 2018.**

The application form is available on:
www.sacon.in

Course fee

Rs. 10000/- (Rupees Ten Thousand only) per participant. The fee will include the course material kit, accommodation and food. The fee can be paid after receiving a confirmation email for participation from SACON, through 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: 2110453804**, Account Name: SACON, Central Bank of India, Nanjundapuram, Branch Code: 282106, **IIFC Code: CBIN0282106**. Email address for notification of payment: finance@sacon.in.

Accommodation

Accommodation will be provided on campus on a twin-sharing basis. Breakfast, lunch and dinner will be available at the SACON canteen.

Course Advisor

Dr. K. Sankar

Director,

Sálim Ali Centre for Ornithology & Natural History, Anaikatty, Coimbatore-641108

For further information please contact the course coordinators:

Dr. Shomita Mukherjee

Principal Scientist,

Division of Conservation Biology Sálim Ali Centre for Ornithology & Natural History, Anaikatty, Coimbatore-641108 Email:

shomitam@gmail.com,

shomitam@sacon.in

Phone: 0422- 2203116,

Mobile: 9486191361

Dr. R.P. Singh

Senior Scientist,

Division of Avian Genetics and Physiology Sálim Ali Centre for Ornithology & Natural History, Anaikatty, Coimbatore-641108

Email: rampratapsingh81@gmail.com,

rpsingh@sacon.in

Phone: 0422- 2203136,

Mobile: 7598112621