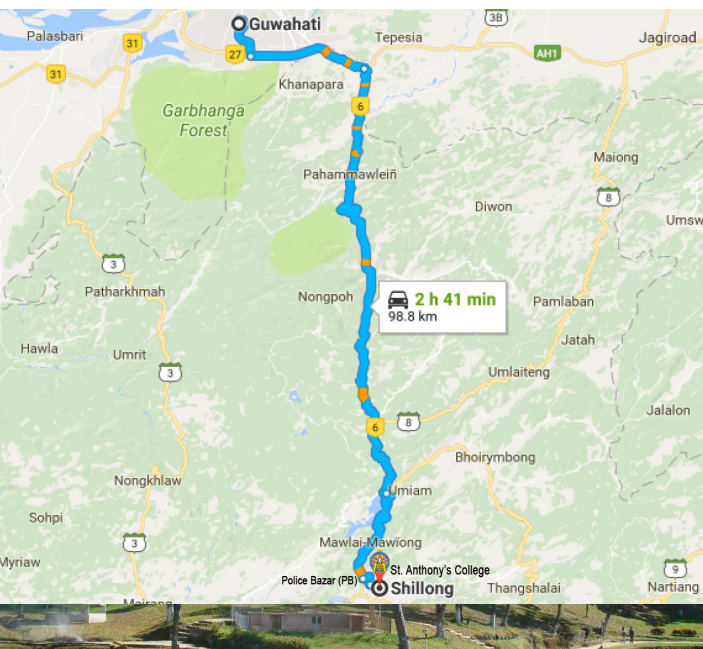




SHILLONG

Shillong is the capital and hill station of Meghalaya, also known as “*The Abode of Clouds*”, one of the smallest states in India. It is the headquarters of the East Khasi Hills district and is situated at an average altitude of 4,908 feet (1,496 m) above sea level, with the highest point being Shillong Peak at 6,449 feet (1,966 m). It is said that the rolling hills around the town reminded the European settlers of Scotland. Hence, they would also refer to it as the “Scotland of the East”. In 2016, it was voted “India’s Favourite Hill Station” by HolidayIQ.com.



Department of Zoology,
St. Anthony’s College,
Shillong-793001
Meghalaya, India
Cordially invites you to the
National workshop on Molecular
Phylogenetics and Its Applications
25-28, October, 2017

Convener:

Mr. D. Lyngdoh; Assistant professor,
Dept. of Zoology, St. Anthony’s College
Email: damanshillong@gmail.com
Mobile: +91 9856024970

Organizing Secretary:

Mr. A. D. Marbaniang; Assistant professor,
Dept. of Zoology, St. Anthony’s College
Email: albadon.9982@gmail.com
Mobile: +91 9856035200

Joint-organizing secretary(s):

Mr. F.A. Lamare; Associate Professor,
Dept. of Zoology, St. Anthony’s College
Email: fred5lamare@yahoo.com
Mobile: +91 9856030525

Mr. G. M. Nikhla; Assistant professor,
Dept. of Zoology, St. Anthony’s College
Email: Garynikhlaz@gmail.com
Mobile: +91 9774759962

Registration:

	₹
Faculty and Industry personnel	2000.00
Students (PG and PhD)	1500.00

For Registration:

Demand draft payable in favour of: The Department of
Zoology, Saint Anthony’s College,
Central Bank of India, Saint Anthony’s College Branch,
Shillong-793001, Meghalaya
Last Date for applying: **29, September, 2017**
List of selected candidates: **5, October, 2017**

NATIONAL Workshop ON MOLECULAR PHYLOGENETICS AND ITS APPLICATION

Information Brochure

Organized By:
**DEPARTMENT of
ZOOLOGY**



St. Anthony’s, college
Shillong-793001
Meghalaya, India
(0364) 2223558, 2222558
www.anthony.ac.in

ABOUT

Zoology Department St. Anthony's College

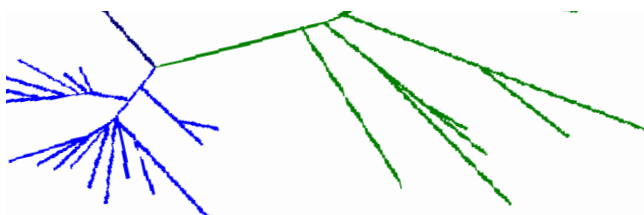
Saint Anthony's College was started in 1934 with the aim of providing education to the people of Northeast India. The college has undergone three phases of NAAC accreditation and scoring an A grade in all its three cycles. The Department of Zoology came into existence since 1, January, 1960. The department continues to strive for excellence in teaching and research through various field based learning, research projects, conferences, lecture series and workshops.

WORKSHOP

Molecular phylogenetics is an important discipline in understanding evolutionary relationships between species and how they are interrelated to the geography of their environment. The proper use and interpretation of computational tools for the inference of molecular phylogenies is an extremely complicated subject. This workshop aims to familiarize and provide an in-depth technological insight on the basics of several of the techniques available for inferring molecular phylogenies.

The workshop is planned for 4 days where in each day there will be a lecture from a subject expert followed by hands-on laboratory experiments.

The workshop will focus on training biologists especially those working in the field of phylogenetics, conservation, taxonomy and evolutionary biology and related fields.



TRAINING MODULES

Day 1:

Origin of tree building
Methods of tree building using DNA sequence data-I

Day 2:

Methods of tree building using DNA sequence data-II

Day 3:

Comparing different methods of tree building
Statistical tests

Day 4:

Applications of molecular phylogenetics
Introduction to biogeography

Laboratory Sessions:

Working with the programs like MEGA, PAUP, Partition finder, RAxML, MrBayes, S-DIVA, Lagrange, etc.

Course coordinators

Dr. Praveen K. Karanth

Associate Professor, Centre for Ecological Sciences, Indian Institute of Science Bangalore, Karnataka

Dr. Aniruddha Datta Roy

Centre for Ecological Sciences, Indian Institute of Science, Bangalore, Karnataka
Krishna R. Chaitanya, Herpetologist

Seats will be limited to 20 participants. Selected Applicants would require to bring their own laptops for the practical sessions. If participants have generated some molecular data, they are encouraged to bring their sequence alignments for analysis (if any).

REGISTRATION FORM

Name :

Designation

Affiliation

Mobile No.....

E-mail:

Address for correspondence:

Write briefly why you would like to join the

workshop:

Demand draft number:

Name of the Bank:

Branch:

Amount:.....

Signature of Applicant:

Date:

Place:

(All fields are to be filled; Copies of this form can be used)
• Duly filled application form along with the demand draft should be addressed to "The Department of Zoology, St. Anthony's College, Central Bank of India, St. Anthony's College Branch, Shillong-793001, Meghalaya and reached on or before the **29, September, 2017.**

• Candidates are requested to send a scan copy of the Demand Draft/ transaction receipt as advance copy through Email (Zoology@anthonys.ac.in) or WhatsApp (+91 9077787114)