

Hands-on Training Cum Workshop

on

DNA BARCODING : A Newer Trend in Molecular Taxonomy

Date : 9th to 11th April 2019

Venue : P.G. Department of Zoology
Egra S.S.B. College



Organized by :

**P.G. DEPARTMENT OF
ZOOLOGY**
Egra S.S.B. College
Egra :: Purba Medinipur

Website: www.egrassbcollge.ac.in
www.egracollegezoology.com
e-mail: coastalecology17@gmail.com

About the College

Egra Sarada Shashi Bhusan College started its journey on 8th August in the year 1968, located at the south-end of the state of West Bengal under the grace of some education lovers of the locality led by Prof. Dulal Chandra Das, who was the founder Principal of the College, after having affiliation from The University of Calcutta with a dream to spread the higher education amongst the local students who did not have the opportunity for higher education and thus could not contribute their best to the nation's cause. Presently, with affiliation from Vidyasagar University, Rabindra Bharati University (Distance Education) and Netaji Subhas Open University, the college is running different Postgraduate and Undergraduate courses.



About the Department

The Zoology department started its journey on 2001 but Honours teaching is permitted from 2007 and Post-graduate from 2017 under Vidyasagar University. It is a WBDST-FIST sponsored department. The department is striving towards excellence in academics and improving infrastructural facilities. It is well equipped with modern teaching aids and essential instruments. The intake capacity in Post-graduate and Honours courses are 20 & 45 respectively.

About the Workshop

A hands-on training workshop on "DNA Barcoding : A newer trend in Molecular Taxonomy" is being organized at P.G. Department of Zoology, Egra S.S.B. College. The workshop will be focused on training researchers and students in Molecular Taxonomy and the application of phylogenetic methods in taxonomy, systematics and evolutionary studies of organisms. Hands-on training on various molecular biological methods like genomic DNA extraction from organisms, PCR etc. will also be given during the workshop. In addition, the workshop will also cover basics and applications of DNA Barcoding, Molecular Markers and Next Generation Sequencing. Hands-on training on construction of phylogenetic trees using different softwares will be given to the participants.



Learning Objectives

- To understand the basics of DNA barcoding & molecular markers and their applications.
- Hands-on training on molecular biology techniques (DNA isolation, PCR etc.) used for organisms.
- To understand the basics of Cladistics & Next Generation Sequencing.
- Hands-on training for construction of phylogenetic trees using different software.
- Understanding the recent trends in molecular taxonomy of organisms.

How to Reach the Venue

Egra SSB College is located at a distance of 26 km from Contai Railway station, 30 km from Belda Railway station and 35 km from Digha Railway station. The college is well connected with all these Railway stations by bus route. One km from Egra-Central bus stand towards Patashpur via Egra-Patashpur Road.

Accommodation

General Accommodation will be provided by the college. Special accommodation can be arranged on the self payment basis. For accommodation please contact organising secretary before 3rd April 2019.

Registration Fees

Student - 1000/-

Others - 1500/-

Payment Should be made by cash



Members of Organizing Committee

- | | |
|--------------------------------|---------------------------|
| 1. Mr. Debojyoti Pradhan | 9. Dr. Dipak Bisai |
| 2. Mr. Bishnupada Pradhan | 10. Mr. Prasenjit Murmu |
| 3. Mr. Debaish Maity | 11. Dr. Bablu Samanta |
| 4. Mr. Santosh Bera | 12. Dr. Chayan Ranjit |
| 5. Mr. Chandan Nandi | 13. Mr. Manik Pati |
| 6. Ms. Debapriya Roy Mahapatra | 14. Ms. Mumtaj Khatun |
| 7. Mr. Santu Paria | 15. Dr. Pradip Mondal |
| 8. Dr. Nirmal Hazra | 16. Dr. Aloy Chand Biswas |

N.B. : There will be a field trip to Talsari Coast, Odisha on 9th April for collection of specimens. Participants can bring their own samples for barcoding (preferably alcohol preserved animals)

Patron

Mr. Samaresh Das
Hon'ble MLA, WB
President Governing Body,
Egra SSB College

Organizing Committee

President:
Dr. Dipak Kumar Tamili
Principal, Egra SSB College

Organizing Secretary:
Dr. Sudipta Kr. Ghorai
Assistant Prof. & P.G. Co-ordinator
P.G. Dept of Zoology

&

Mr. Debajyoti Pradhan
Assistant Prof. & H.O.D. (U.G.)
P.G. Dept of Zoology

Treasurer:
Mrs. Sanchita Nayak



Plenary Speaker

Dr. Punyasloke Bhadury
Professor, Department of Biological Sciences,
Indian Institute of Science Education &
Research, Kolkata

Dr. Anwesha Ghosh
Department of Biological Sciences,
Indian Institute of Science Education &
Research, Kolkata

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Name (Prof./Dr./Mr./Ms.) :

Sex:

Position:

Name & mailing address of institution:

E-mail:

Tel/Mobile No.:

Category (for registration fee):

Food orientation: Veg/ Non-Veg

Amount: 1000 (Students)
1500 (Others)

Date :

Signature

Contact

Dr. Sudipta Kumar Ghorai
Mob: 8016328891, 7384165364
E-mail: sudipta8@gmail.com
coastalecology17@gmail.com