



**Workshop on Essential Techniques in Cell
Molecular and Field Biology
[7th-21st March 2016]**

APPLICATION FORM

Name (in Block):

Designation with AGP:

Institute:

Address:

Telephone/Mobile:

*E-mail:

Date of Next Promotion

Details of Refresher and
Orientation Courses attended

*Veg/Non-Veg:

Signature of Participant:

Endorsement from College:

Receipt

Received Rs 3000/- (cash) from

Signed..... Seal

**Workshop on Essential Techniques in Cell Molecular and Field Biology
(7th-21st March 2016)**

Tentative schedule (subjects to alterations)

Day 1 (7th March)

Inaugural welcome note from Vice Chancellor, Hon'ble VC, WBSU (10a.m-11a.m)

Key note address by Prof Dhrubojyoti Chattopadhyay. Hon'ble VC, Amity University (11a.m-12noon)

Special Lecture by Sri Sachinandan Chakraborty, Ex-Principal Conservator of Forest (Karnataka) (12noon-1.p.m)

Lunch Break (1p.m-2p.m)

Introduction from Coordinators of the Workshop (2p.m-4p.m)

Day 2 (8th March)

Flow cytometry- Dr. Sanjay Mallick

Day 3 (9th March)

Visualising DNA – Invited Speaker- Dr. Surekha Kundu

DNA Extraction and agarose gel electrophoresis

Day 4 (10th March)

cDNA isolation and RT PCR (Special demonstration by Eppendorf India Ltd)

Day 5 (11th March)

Proteins – Invited Speaker – Dr. Partha Sarathi Dasgupta

Protein estimation, SDS-PAGE, Semi-Dry & Wet transfer

Day 6 (12th March)

Proteins- Western Blotting, Native Gel Electrophoresis and Zymography

Day 7 (13th March)

Assignments

Day 8 (14th March)

Field Study for Biodiversity and Animal Behaviour characterization: Different field methods-I

Day 9 (15th March)

Field Study for Biodiversity and Animal Behaviour characterization: Different field methods-II

Day 10 (16th March)

Study of Taxonomy and Diversity of Ants- Invited Speaker: Dr. Sheela G, Scientist D, ZSI, Kolkata

Day 11 (17th March)

Limnological Studies including Plankton Diversity; Invited speaker: Dr. Subhra Kumar Mukhopadhyay, UGC Emeritus Faculty

Day 12 (18th March)

Aquatic Biodiversity Analysis- Invited speaker: Prof Sumit Homchaudhuri, Dept. of Zoology, University of Calcutta.

Day 13 (19th March)

Study of Evolution and Behaviour in the test tube: Invited Speaker: Dr. Bodhisatwa Nandi, Dept. of Zoology, BHU

Pugmark Study: Invited speaker: Dr. Kamal Kumar Bandopadhyay, ex-WBES

Day 14 (20th March)

Participant Presentation

Day 15

Valedictory and Certificate