



BARASAT GOVERNMENT COLLEGE

P.G. DEPARTMENT OF BOTANY

VALUE ADDED COURSE

ON

**TECHNIQUES ON BIODIVERSITY CONSERVATION
AND PLANT RESOURCE UTILIZATION**

June 22-27, 2023

Chief patron -Dr. Samar Chattopadhyay.

Principal

Barasat Govt.College

Venue:Departmental Seminar Room

Certificates on successful completion of VAC.

Course Co-ordinator: Dr.Subhra Talai Mukhopadhyay.

Contact no: 8910848697

Course fee Rs 100/- (to be paid in cash on the first day of the course)

Last date of registration:22.06.2023-11am.

REGISTRATION LINK: <https://forms.gle/Z4gyJ3buXstEfC7ZA>

VALUE ADDED COURSE IN BOTANY

On

TECHNIQUES ON BIODIVERSITY CONSERVATION AND PLANT RESOURCE UTILIZATION

Duration: 22nd June to 27th June, 2023

Objectives: To develop job oriented skill and entrepreneurship in different sectors of plant resource management including conservation and utilization of medicinal plants, mushrooms as well as eco-friendly technologies and sustainable agricultural practices.

Resource Persons: Dr. Samar Chattopadhyay, Principal, BGC; Dr. N.C. Karmakar, HoD Botany, BGC; Prof. Dibyendu Sekhar Mahanty, BGC; Dr. Bipal Jana, Managing Director, Ecogenesis; Dr. Krishnendu Acharyay, Prof. CU; Dr. Gour Gopal Maity, Retd. Prof. KU; Dr. Subhra Talai Mukhopadhyay, BGC; Dr. Nirmalendu Das, BGC; Dr. Saikat Naskar, Assistant Prof. BU; Dr. Amit Das, Director & Chief Scientific Officer Smart Farming India Pvt. Ltd.; Dr. Manoj E. Hembrom, Scientist C, AJC Bose Indian Botanic Garden, BSI.

Outcome: Students will learn identification of plants and fungi through different conventional and modern techniques including e-DNA analysis; utilization and conservation of medicinal plants and microbial resources; preparation and uses of herbal dye, biofertilizers and biopesticides and mushroom cultivation Technology.

Day 1 (Thursday, 22.06.2023):

Topic	Time	Speaker
Inauguration	11.00-11.30	Dr. Samar Chattopadhyay, Principal, BGC
Introduction	11.30-12.00	Dr. N.C. Karmakar, HoD Botany, BGC
Medicinal Plants in our Daily Life	12.00-1.30	Dibyendu Sekhar Mahanty, BGC
Break		
Scope and Challenges of Biodiversity towards Sustainable Development	2.00-3.30	Dr. Bipal Jana, Managing Director, Ecogenesis
Identification of plant species	3.30-5.00	Dr. N.C. Karmakar, HoD

at their early seedling stages in relation to plant diversity conservation		Botany, BGC
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Day 2 (Friday, 23.06.2023):

Topic	Time	Speaker
Evaluation of students	10.30-11.30	
Think outside the box. Be an entrepreneur	11.30-1.30	Dr. Krishnendu Acharyay, Prof. CU
Break		
Biodiversity and Conservation-Present status in India	2.00-3.30	Dr. Gour Gopal Maity,Retd. Prof. KU
Biodiversity Field study	3.30-5.00	Dr. Gour Gopal Maity,Retd. Prof. KU

Day 3 (Saturday, 24.06.2023)

Topic	Time	Speaker
Evaluation of students	10.30-11.30	
Natural Colour from Plant Parts	11.30-1.30.	Dr. Subhra Talai Mukhopadhyay, BGC
Break		
Hands on Training Natural Colour from Plant Parts	2.00-5.00	Dr. Subhra Talai Mukhopadhyay, BGC

Day 4 (Monday, 26.06.2023)

Topic	Time	Speaker
Evaluation of students	10.30-11.00.	
Mushroom Cultivation-Theory and practices	11.00-12.00	Dr. Nirmalendu Das, BGC
Plant Identification-Traditional and Modern	12.00-1.30	Dr. Saikat Naskar, Assistant Prof. BU

Techniques		
	Break	
Biodiversity and Importance e-DNA Analysis	2.00-5.00	Dr. Amit Das, Director & Chief Scientific Officer Smart Farming India Pvt. Ltd.

Day 5 (Tuesday, 27.06.2023)

Topic	Time	Speaker
Evaluation of students	10.30-11.30	
Wood Rotting Macrofungi: Diversity, Taxonomy and Preservation	11.30-1.30	Dr. Manoj E. Hembrom, Scientist C, AJC Bose Indian Botanic Garden, BSI.
Break		
Medicinal Importance of Curcumin-A Practical Approach	2.00-4.00	Dr. Subhra Talai Mukhopadhyay, BGC
Valedictory Session	4.00-5.00	

Course Fee: Rs. 100/-

Last date of Registration: 21.06.2023 23.59 P.M

Spot registration may be available on special request

Course Co-ordinator: Dr. Subhra Talai Mukhopadhyay (8902232591/8910848697)



Countersigned
Principal



Head
Department of Botany