



**DEPARTMENT OF CHEMISTRY
BARASAT GOVERNMENT COLLEGE
OFFERS
VALUE ADDED COURSE
ON**

**FRUIT AND WATER
QUALITY ANALYSIS AND
IDENTIFICATION OF
ADULTERANTS IN FOOD**

20 - 26TH JUNE, 2024

chemistry@bgc.ac.in



GOVERNMENT OF WEST BENGAL
BARASAT GOVERNMENT COLLEGE
DEPARTMENT OF CHEMISTRY

10/24

NAAC ACCREDITED 'A' GRADE, DST-FIST SPONSORED & ISO 9001:2015, 14001:2015, 50001:2018 CERTIFIED COLLEGE

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NOTICE: No. /2024

Value added course

Fruit and Water Quality Analysis and Identification of Adulterants in Food

Programme Schedule

Date	Time	Topic	Resource Person
Day 1 (20.06.2024)	11am-12noon	Inauguration and Overview of the Programme	Dr.Samar Chattopadhyay (Principal) Dr. Narayan Ch. Bar (Head of the Department) And Dr.Arup Bandyopadhyay
	12noon -01.30pm	Water resources , Global crisis, water awareness, monitoring and conservation programme	Dr.SK. Abdul Goni
	1.30pm-2.00 pm	Recesses	
	2.00pm-3pm	Different sources of lowering water quality	Dr.Soma Nath Deoghoria
	3-5pm	Methods of removing pollutants from water including new trajectories of technologies	Dr.Suparna Basu Chaki
Date	Time	Topic	Resource Person
Day 2 (21.06.2024)	11am-2pm	Collection of water, fruit and food samples	Dr. Narayan Chandra Bhar
	2pm-2.30pm	Recess	
	2.30pm-5pm	Collection of water, fruit and food samples	Dr. Narayan Chandra Bhar
Date	Time	Topic	Resource Person
Day 3 (22.06.2024)	11am-12noon	Discussion on preservatives used in storage of foods	Dr. Ambarish Ray
	12am-1.30 pm	Discussion on adulterants in food and their methods of identification	Dr. Jibanananda Jana

	1.30pm-2.00 pm	Recesses	
	2.00-3.30pm	Discussion on pH and hardness of water	Dr. Samrajnee Dutta
	3.30 pm-5pm	Measurement of pH and hardness of water	Dr. Arup Bandyopadhyay

Date	Time	Topic	Resource Person
	11am-2.30pm	Discussion and measurement of arsenic content of water	Dr. Jibanananda Jana
Day 4 (24. 06.2024)	2.30am-3pm	Recess	
	3pm-5 pm	Discussion and Measurement of BOD of water	Dr. Ambarish Ray

Date	Time	Topic	Resource Person
Day 5 (25. 06. 2024)	11am-2.30pm	Fruit Analysis (Oxalate content in guava)	Dr. Jibanananda Jana
	2.30pm-3pm	Recess	
	3pm-5pm	Detection of adulterants in some food stuffs.	Dr. Jibanananda Jana
Date	Time	Topic	Resource Person
Day 6 (26. 06. 2024)	11am-12.30pm	Discussion and measurement of nitrogen contents in water	Dr. Ambarish Ray
	12.30-1.30 pm	MCQ Test	
	1:30 pm-2.00pm	Recess	
	2.00pm-3:30 pm	Viva	Dr. Arup Bandyopadhyay Dr. SK. Abdul Goni
	3.30pm-5.00 pm	Valedictory Session and Distribution of Certificates	Dr. Samar Chattopadhyay (Principal) Dr. Narayan C Bar (Head of the Department) And Dr. Arup Bandyopadhyay

Course Coordinator: Dr. Narayan C Bar

Shatterje

Principal
Barasat Government College

Principal
Barasat Govt. College
Govt. of West Bengal

W Bar

Head
Department of Chemistry
Associate Professor (W.B.E.S.)
& Head
Department of Chemistry
Barasat Govt. College