

Chemistry Value added course 2023-24

Course Name: “Fruit and Water Quality Analysis and Identification of Adulterants in Food”

Organized by: Department of Chemistry

Duration: 20 - 26th June, 2024 (excluding Sunday)

Time period: 36 hours (6 hours each day for 6 days)

Course Code: BGCHEMVAC001/23-24

Number of participants: 20

Resource Persons: 8 Teachers and 2 Non-teaching staff of the Department of Chemistry

Details of Enrolled students:

Sl. No	Name	Registration No	E-mail address	GRADE OBTAINED
1	SOUVIK SAMANTA	1052011400733	souviksamanta472001@gmail.com	A
2	SOMVIT NANDI	1012011400237	somvitnandi17@gmail.com	A
3	ANISH MONDAL	1392011600442	anishmonal907@gmail.com	A
4	JUWEL RANA MASUD	1412012500427	juwelranamasud1@gmail.com	A
5	FARJANA TABASSUM	1412022400441	farjanatanbin@gmail.com	A
6	MAYURIMA GHOSH	1052021600724	rimaghoshmayu14@gmail.com	A
7	KARNA GHOSH	1062211600539	karnaghosh767@gmail.com	B
8	DESHUBHA BISWAS	1062211400538	deshubhabiswas@gmail.com	B
9	DEBJIT MONDAL	1062211600537	rumamondal1731@gmail.com	A
10	CHAITI GHOSH	1062221400536	chaiti1142005@gmail.com	B
11	PALLABITA GHOSH	1062221600523	pallabitaghosh892@gmail.com	B
12	DIPANWITA GHOSH	1062221400545	dipanwitaghosh2004@gmail.com	B
13	TRISHANU GHOSH	1062211400535	trishanughosh0@gmail.com	B
14	ISHA MAITY	1062221600541	ishamaity087@gmail.com	A
15	SUKANTA SARKAR	1062211100524	sukantasarkar741249@gmail.com	A
16	AYUSKAR MONDAL	1062211400531	ayusksrmondal@gmail.com	A
17	TRIPA SAHA	1062221400543	tripasaha6@gmail.com	B
18	AKASH GHOSH	1062211600532	akashghosh4230@gmail.com	B
19	PALASH GHOSH	1062211600529	pg5159986@gmail.com	B
20	MD JAHIRUL ISLAM	10622212500525	jahi31138@gmail.com	B

Programme Schedule

Date	Time	Topic	ResourcePerson
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	Recess	
	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
Day 2 (21.06.2024)	11am-2pm	Collection of water, fruit and food samples	Dr. Narayan Chandra Bar
	2pm-2.30pm	Recess	
	2.30pm-5pm	Collection of water, fruit and food samples	Dr. Narayan Chandra Bar
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	Recess	
	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
Day 4 (24. 06.2024)	11am-2.30pm	Discussion and measurement of arsenic content of water	Dr. Jibanananda Jana
	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
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 Chandra Bar

COURSE OUTCOME

The course provided strong theoretical knowledge along with hands on experimental training to students on collecting water samples from different sources (ponds, municipal water taps, tube wells, etc.) and analyzing water, fruit (e.g. guava) and some foods (sweets and spices) collected from different markets. After completion of the course the students gained awareness on both the presence of chemical contaminants of ground water as well as adulterants in food and their related life threatening health hazards. They also had hands on training in identifying and estimating chemical pollutants of groundwater, identifying adulterants in food and estimating specifically oxalate ion in different stages of ripening of guava.

The feedback form analysis reflects the extreme satisfaction of the students on passing through both theoretical knowledge and experimental training provided by the course.

Notice



GOVERNMENT OF WEST BENGAL

BARASAT GOVERNMENT COLLEGE

DEPARTMENT OF CHEMISTRY



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

10, K.N.C. Road, Barasat, Kolkata - 700124, West Bengal, India


Phone: (033) 2552 3365, Fax: (033) 2562 5053, Website: www.bgc.ac.in, E-Mail: chemistry@bgc.ac.in

NOTICE

Date: 14.06.2024

An inter disciplinary value added course (VAC) on "Fruit and Water Quality Analysis and Identification of Adulterants in Food" will be organized by the Department of Chemistry on and from 20 - 26th June, 2024 (excluding Sunday) for a period of 36 hours (6 hours each day for 6 days). Students will get a certificate on successful completion of the aforesaid course. Current students from Honours, General and Post Graduate Departments with science back ground are eligible for applying to the course through the Head of the Department of Chemistry by enrolling their names on or before 19th June, 2024.


Principal
Barasat Government College
Principal
Barasat Govt. College
Govt. of West Bengal


Head
Department of Chemistry
Associate Professor (W.D.E.S.)
in Head
Department of Chemistry
Barasat Govt. College

Attendance

DEPARTMENT OF CHEMISTRY, BARASAT GOVT COLLEGE
 VALUE ADDED COURSE ON 'FRUIT AND WATER QUALITY ANALYSIS OF ADULTERANTS IN FOOD'
 ATTENDANCE SHEET OF PARTICIPANTS

SL.NO.	NAME (UG/PG) SEMESTER	ATTENDANCE					
		DAY 1 20/06/2024	DAY 2 21/06/2024	DAY 3 22/06/2024	DAY 4 23/06/2024	DAY 5 25/06/2024	DAY 6 26/06/2024
1	JUWEL RANA MASUD PG II ZOOLOGY	J.R. Masud	J.R. Masud	J.R. Masud	J.R. Masud	J.R. Masud	J.R. Masud
2	FABASSUM FABASSUM Zoology, PG-II	Fabassum	Fabassum	Fabassum	Fabassum	Fabassum	Fabassum
3	SOMNIT NANDI Zoology, PG-II	Somnit Nandi	Somnit Nandi	Somnit Nandi	Somnit Nandi	Somnit Nandi	Somnit Nandi
4	MEGURINA GHOSH ZOOLOGY, PG-II	Megurina Ghosh	Megurina Ghosh	Megurina Ghosh	Megurina Ghosh	Megurina Ghosh	Megurina Ghosh
5	SOUVIK SAMANTA ZOOLOGY, PG-II	Souvik Samanta	Souvik Samanta	Souvik Samanta	Souvik Samanta	Souvik Samanta	Souvik Samanta
6	ANISH MONDAL ZOOLOGY, PG-II	Anish Mondal	Anish Mondal	Anish Mondal	Anish Mondal	Anish Mondal	Anish Mondal
7	KARNA GHOSH UG CHEM (H) SEM-IV	Karna Ghosh	Karna Ghosh	Karna Ghosh	Karna Ghosh	Karna Ghosh	Karna Ghosh
8	ISHA MAITY (CHEM) UG, SEM-IV, (H)	Isha Maity	Isha Maity	Isha Maity	Isha Maity	Isha Maity	Isha Maity
9	DIPANWITA GHOSH UG, SEM-IV, CHEM (H)	Dipanwita Ghosh	Dipanwita Ghosh	Dipanwita Ghosh	Dipanwita Ghosh	Dipanwita Ghosh	Dipanwita Ghosh
10	TRIPA SAHA UG, SEM-IV, CHEM (H)	Tripa Saha	Tripa Saha	Tripa Saha	Tripa Saha	Tripa Saha	Tripa Saha

DEPARTMENT OF CHEMISTRY, BARASAT GOVT COLLEGE
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SL.NO.	NAME (UG/PG) SEMESTER	ATTENDANCE					
		DAY 1 20/06/2024	DAY 2 21/06/2024	DAY 3 22/06/2024	DAY 4 23/06/2024	DAY 5 25/06/2024	DAY 6 26/06/2024
11	PALLABITA GHOSH UG, SEM-IV, CHEM (H)	Pallabita Ghosh	Pallabita Ghosh	Pallabita Ghosh	Pallabita Ghosh	Pallabita Ghosh	Pallabita Ghosh
12	CHAITI GHOSH UG, SEM-IV, CHEM (H)	Chaiti Ghosh	Chaiti Ghosh	Chaiti Ghosh	Chaiti Ghosh	Chaiti Ghosh	Chaiti Ghosh
13	AKASH GHOSH UG, SEM-IV, CHEM (H)	Akash Ghosh	Akash Ghosh	Akash Ghosh	Akash Ghosh	Akash Ghosh	Akash Ghosh
14	AYUSKAR MONDAL UG, SEM-IV, CHEM (H)	Ayuskar Mondal	Ayuskar Mondal	Ayuskar Mondal	Ayuskar Mondal	Ayuskar Mondal	Ayuskar Mondal
15	PALASH GHOSH UG, SEM-IV, CHEM (H)	Palash Ghosh	Palash Ghosh	Palash Ghosh	Palash Ghosh	Palash Ghosh	Palash Ghosh
16	SUKANTA SARKAR UG, SEM-IV, CHEM (H)	Sukanta Sarkar	Sukanta Sarkar	Sukanta Sarkar	Sukanta Sarkar	Sukanta Sarkar	Sukanta Sarkar
17	MD JAHIRUL ISLAM UG, SEM-IV, CHEM (H)	Md Jahirul Islam	Md Jahirul Islam	Md Jahirul Islam	Md Jahirul Islam	Md Jahirul Islam	Md Jahirul Islam
18	TRISHANU GHOSH UG, SEM-IV, CHEM (H)	Trishanu Ghosh	Trishanu Ghosh	Trishanu Ghosh	Trishanu Ghosh	Trishanu Ghosh	Trishanu Ghosh
19	DEBJIT MONDAL UG, SEM-IV, CHEM (H)	Debjit Mondal	Debjit Mondal	Debjit Mondal	Debjit Mondal	Debjit Mondal	Debjit Mondal
20	DESHUBHA BISWAS UG, SEM-IV, CHEM (H)	Deshubha Biswas	Deshubha Biswas	Deshubha Biswas	Deshubha Biswas	Deshubha Biswas	Deshubha Biswas
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Certificate



Feedback form

DEPARTMENT OF CHEMISTRY, BARASAT GOVT COLLEGE
VALUE ADDED COURSE ON
'Fruit and Water Quality Analysis and Identification of Adulterants in Food'
FEEDBACK FORM

1. Name: _____

2. UG PG

3. Name of the Department: _____

4. Semester: _____

5. Did you find the course interesting and informative?
Yes No Somewhat

6. How would you rate the overall organization of the course?
Excellent Good Satisfactory Poor

7. Were the content of theoretical classes informative?
Yes No Somewhat

8. How would you rate the quality of the practical classes?
Very High High Moderate Low

9. Do you think that this initiative will help in enhancing your interest in this topic?
Yes No Somewhat

10. Would you recommend this value added course to fellow students?
Yes No

Photographs of the event

