



CHRIST

COLLEGE (AUTONOMOUS)

IRINJALAKUDA, KERALA

Reaccredited by NAAC with 'A++' grade

Department of Chemistry Self

TYPES OF CHEMICAL ANALYSIS

PROGRAM HIGHLIGHTS



- Theory and practical sessions
- Understand quantity control in food processing
- Understand water quality parameter and soil analysis
- Knowledge about analysis of ayurvedic medicine

Eligibility

MSc Chemistry students

Fee

1000₹

***Certificate will be issued
to the successful candidate***

FOR DETAILS CONTACT

Dr. Bhagyesh VB

(Course incharge)9995063010



Certificate course on Types of chemical analysis (30 Hours)

Course code - CPCC56

PG Department of Chemistry (Self)

Teacher Coordinator Report

Number of students	14
Date of examination	5 th april, 2024
Total students who passed exam	14
Total course duration	30 hrs

The course started on 16th January 2024. There were 14 M.Sc. 2nd year students participated in the program and all completed the course. The duration of the course was 30 hrs. The classes were taken as both practical and theory sessions.



Feedback analysis:

- **Students enjoyed the practical session very much.**
- **Students believed that this course will definitely help them to buiding their career.**
- **Students got an awareness about importance of quality checking of water, food and medicines.**
- **The resource persons were very helpful.**

Course Coordinator: Bhagyesh .V.B



GPS Map Camera



Irinjalakuda, Kerala, India
9647+2PF, Irinjalakuda, Kerala 680125, India
Lat 10.354965°
Long 76.214405°
16/01/24 03:18 PM GMT +05:30



GPS Map Camera

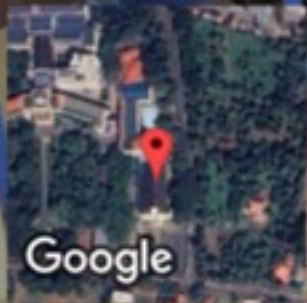
Irinjalakuda, Kerala, India

9647+2PF, Irinjalakuda, Kerala 680125, India

Lat 10.354965°

Long 76.214405°

16/01/24 03:09 PM GMT +05:30



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Christ College (Autonomous), Irinjalakuda

PG Department of Chemistry-Self

Certificate course -Practical Examination

Types of Chemical Analysis

Time: 3 Hrs

Maximum Marks: 50

1. Find the Dissolved Oxygen content of the given water sample (10 Marks)
2. Find the Conductivity of the soil sample (5 Marks)
3. Find the pH of the soil sample (5 Marks)
4. Find the Alkalinity of the given water sample (5 marks)
5. Identification adulteration of given food materials
1) Honey 2) Milk 3) Ghee 4) Spices 5) Chilli powder (10 Marks)
6. Find the Total dissolved solids in a given medicated solution (5 Marks)
7. Viva Voce based on the theory of analysis (10 marks)

**Certificate course on Types of chemical analysis
PG Department of Chemistry (Self)**

Summary Report 2024

The course started on 16th January 2024. There were 14 M.Sc. 2nd year students participated in the program and all are completed the course. The duration of the course was 30 hrs. The classes were taken as both practical and theory session. The doubt clearing session was very interesting and informative for students.

Course Outcome:

- The students were satisfied with the class. Students were familiarised with different kinds of analysis, like soil analysis, water analysis, food analysis, and ayurvedic medicine analysis. From this course, the students achieve the skills of water analysis by practical session, the ability to differentiate different types of soil, awareness about food adulteration, toxication of food, and also quality control in food processing. The students found the practical sessions to be highly engaging. This course will definitely help the students in the future for their career building.

Course Coordinator: Bhagyesh .V.B

CERTIFICATE COURSE- STUDENTS LIST

SL.NO	REGISTER NUMBER	NAME
1	CCAWMCH015	AKSHAYA RAMACHANDRAN
2	CCAWMCH016	AMRUTHA P.N
3	CCAWMCH017	ANJITHA T.V
4	CCAWMCH018	ANN MARIYA K.P
5	CCAWMCH019	ANUGRAHA C.R
6	CCAWMCH020	APARNA P.R
7	CCAWMCH021	JIYA K.J
8	CCAWMCH022	JIYA SHAJU
9	CCAWMCH023	KEERTHANA SURESH
10	CCAWMCH024	NAMITHA HYDROSE
11	CCAWMCH025	NIVEDYA.N
12	CCAWMCH026	SAHLA.S.S
13	CCAWMCH027	SREELAKSHMI.K.P
14	CCAWMCH028	SUMAYYA.M.S

ATTENDANCE SHEET

CHRIST COLLEGE (Autonomous), IRINJALAKUDA
 PROGRAM: CERTIFICATE COURSE, MSc CHEMISTRY-SELF (2022-2024) BATCH

CLASS: 4th SEM PG

SL.NO.	NAME OF THE STUDENT	16/01/2024	29/01/2024	30/01/2024	01/02/2024	02/02/2024	08/02/2024	09/02/2024	12/02/2024
1.	AKSHAYA RAMACHANDRAN	Att	Att	Att	Att	Att	Att	Att	Att
2.	AMRUTHA P. N	Att	Att	Att	Att	Att	Att	Att	Att
3.	ANJITHA T. V	Att	Att	Att	Att	Att	Att	Att	Att
4.	ANN MARIYA K. P	Att	Att	Att	Att	Att	Att	Att	Att
5.	ANUGRAHA C. R	Att	Att	Att	Att	Att	Att	Att	Att
6.	APARNA P. R	Att	Att	Att	Att	Att	Att	Att	Att
7.	JAYA K. J	Att	Att	Att	Att	Att	Att	Att	Att
8.	JAYA SHAJU	Att	Att	Att	Att	Att	Att	Att	Att
9.	KEERTHANA SURESH	Att	Att	Att	Att	Att	Att	Att	Att
10.	NIVEDYA N	Att	Att	Att	Att	Att	Att	Att	Att
11.	SAHLAS. S	Att	Att	Att	Att	Att	Att	Att	Att
12.	SREELAKSHMI K. P	Att	Att	Att	Att	Att	Att	Att	Att
13.	SUMAYYA M. S	Att	Att	Att	Att	Att	Att	Att	Att
14.	MANMITHA HYDROSE	Att	Att	Att	Att	Att	Att	Att	Att

COURSE IN CHARGE
 DR. BHAGYESH V.B

HEAD OF THE DEPARTMENT
 MS. GREENI KI

ATTENDANCE SHEET

CHRIST COLLEGE (Autonomous), IRINJALAKUDA
 PROGRAM: CERTIFICATE COURSE, MSc CHEMISTRY-SELF (2022-2024) BATCH CLASS: 4th SEM PG

SL.NO.	NAME OF THE STUDENT	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.
1.	AKSHAYA RAMACHANDRAN	06/03/2024 Abs													
2.	AMRUTHA P.N	B	B	B	B	B	B	B	B	B	B	B	B	B	B
3.	ANJITHA T.V	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
4.	ANN MARIYA K.P	A	A	A	A	A	A	A	A	A	A	A	A	A	A
5.	ANUGRAHA C.R	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average
6.	APARNA P.R	B	B	B	B	B	B	B	B	B	B	B	B	B	B
7.	JYA K.J	A	A	A	A	A	A	A	A	A	A	A	A	A	A
8.	JYA SHAJU	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
9.	KEERTHANA SURESH	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
10.	NIVEDYAN	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
11.	SAHILA.S.S	B	B	B	B	B	B	B	B	B	B	B	B	B	B
12.	SREELAKSHMI.K.P	Spo	Spo	Spo	Spo	Spo	Spo	Spo	Spo	Spo	Spo	Spo	Spo	Spo	Spo
13.	SUMAYYA.M.S														
14.	ANAMITHA HYDROGE	B	B	B	B	B	B	B	B	B	B	B	B	B	B

COURSE IN CHARGE
 DR. BHAGYESH VB

HEAD OF THE DEPARTMENT
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CHRIST COLLEGE (Autonomous), IRINJALAKUDA
 PROGRAM: CERTIFICATE COURSE, MISC CHEMISTRY-SELF (2022-2024) BATCH CLASS: 4th SEM PG

SL.NO.	NAME OF THE STUDENT	14/02/2024	16/02/2024	17/02/2024	22/02/2024	24/02/2024	26/02/2024	29/02/2024	05/03/2024
1.	AKSHAYA RAMACHANDRAN	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
2.	AMRUTHA P. N.	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
3.	ANUTHA T. V.	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
4.	ANN MARIYA K. P.	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
5.	ANUGRAHA C. R.	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
6.	APARNA P. R.	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
7.	JIVA K. J.	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
8.	JIVA SHAJU	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
9.	KEERTHANA SURESH	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
10.	NIVEDYA. N.	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
11.	SARLA S. S.	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
12.	SREELAKSHMI K. P.	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
13.	SUMAYYA M. S.	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS
14.	NANITHA HYDROSE	AMS	AMS	AMS	AMS	AMS	AMS	AMS	AMS

COURSE IN CHARGE
 DR. BHAGYESH V.B.

HEAD OF THE DEPARTMENT
 MS. GREENI KI

ATTENDANCE SHEET

PROGRAM: CERTIFICATE COURSE, MSc CHEMISTRY-SELF (2022-2024) BATCH
 CHRIST COLLEGE (Autonomous), IRINJALAKUDA

CLASS: 4th SEM PG

SL.NO.	NAME OF THE STUDENT	07/03/2020	20/03/2024	21/03/2024	23/05/2024	25/09/2024	07/03/2024	02/04/2024	05/02/2024
1.	AKSHAYA RAMACHANDRAN	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
2.	AMRUTHA P. N	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
3.	ANITHA T. V	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
4.	ANN MARIYA K. P	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
5.	ANUGRAHA C. R	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
6.	APARNA P. R	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
7.	JIVA K. J	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
8.	JIVA SHAJU	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
9.	KEERTHANA SURESH	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
10.	NIVEDYAN	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
11.	SAHLAS. S	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
12.	SREELAKSHMI K. P	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
13.	SUMAYYA M. S	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B
14.	NAMITHA HYDRUSE	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B	1 hr A/B

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Reaccredited by NAAC with Grade 'A++' & SAAC 'A+'

CERTIFICATE OF PARTICIPATION

Date : 30-08-2024

This is to certify that

Mr/Mrs Sumayya. M.S

has successfully completed 30-hour course on "Types of Chemical Analysis"

with A grade, conducted by Department of Chemistry (Self),

Christ college (Autonomous) Irinjalakuda, Thrissur.

Dr. Bhagyesh V B
Course Coordinator

Ms. Greeni K I
HoD

Dr. Fr. Jolly Andrews CMI
Principal
CHRIST COLLEGE (AUTONOMOUS)