

# Baselius College KOTTAYAM

2021-22

## CHEMISTRY ASSOCIATION REPORT 2021-22



*Chemistry Association 2021-22*

# **Annual Report**

**Chemistry Association**

**Year: 2021-22**



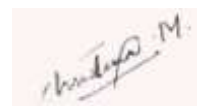
*A Quality Assurance Venture of IQAC*

**Baselius College, Kottayam**

# *Chemistry Association 2021-22*

## **Certificate Page**

This is to certify that the following is a bonafide record of activities and achievements of **Chemistry Association** for the academic year 2021-22. Necessary supporting documents have been attached wherever possible.



Teacher-in-charge

**Christina Mariam Mathew**

Verified



IQAC Co-ordinator.

Counter-Signed by



PRINCIPAL

# *Chemistry Association 2021-22*

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**Part A**

**1.1 Name of the Association : Chemistry**

e-mail address : baselianchemholics@gmail.com

Social media details

Youtube Channel : Chemistry Baselius

Name of the teacher in charge : Christina Mariam Mathew

Name of the Club Secretary : Nevin Alexander

Contact Nos.

Teacher-in-charge : 9447962250

Secretary :

**1.2 Executive Committee Details**

Sl No	Name of the member	Designation/ Class/ Position
1.	Dr. Suma Bino Thomas	H.O.D, Department of Chemistry
2.	Christina Mariam Mathew	Teacher In Charge
3.	Nevin Alexander	Association Secretary D3 Chemistry
4.	Aiswarya T.S	Association Joint Secretary, D3 Chemistry
5.	Nickson Thomas	M2 Representative, M2 Chemistry
6.	Dona Tom	M2 Representative, M2 Chemistry

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7.	Sanjay	M1 Representative M1 Chemistry	
8.	Nandinin Menon	M1 Representative M1 Chemistry	
9.	Anzal	D2 Representative D2 Chemistry	
10.	Jayalakshmi	D2 Representative D2 Chemistry	
11.	Sreeraj	D1 Representative D1 Chemistry	
12.	Christy Shaji	D1 Representative D1 Chemistry	

No. of committee meetings held :

Sl No	Date of the Meeting	No of participants
1.	7/7/2021	8

(Soft copy of minutes signed by Secretary, Teacher in charge to be submitted)

## *Chemistry Association 2021-22*

### 1.3 Plan of Action

Plan of Action	Proposed Date/ Month	Status of attainment at the year end
Observance of World Food Safety Day	7 June 2021	Released a video in association with World Food safety day
Curies Series	Every Month last week	Was able to conduct 3 sessions
Association Inauguration	Mid July	Organised Inauguration on 24/09/2021
Organise a class for UG students about various competitive exams and higher education opportunities in premier institutions in India	July	Training programme on polymer synthesis and characterization techniques was conducted in association with CIPET, in the month of September.
Observance of Hiroshima Nagasaki Day	6 August 2021	Released a video to commemorate Hiroshima Nagasaki Day
Ozone Day Celebrations: Intercollegiate Power Point Presentation Competition	September	Organised an Interdepartmental photography competition
Organise Spellistry Competition: Interschool and Inter collegiate competition	October	-
Inter departmental Quiz Competition	November 10: International Science Day	-
Organize a talk on Higher Education Opportunities : Abroad for PG students	December	-

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Webinars for UG and PG students	January	Organised DBT recognized online courses in association with Learn to Upgrade.
International day of Women and Girl in science	11 February 2022	Organised National Science Day celebrations on 28 February 2022



**Part – B**

Part B – 2.1 Talks/Lectures/ Workshops Conducted
2.2a Competitions Organised within the College
2.2b- Inter-Collegiate Competitions Organised
2.3- Cultural Programmes Organised
2.4 – Extension and Outreach Programme Organised
2.5- Skill Development Courses Organised
2.6- Certificate Programme/ Diploma Organised
2.7 Student Participation and Achievements outside
2.8- Any Other activity/point worth mentioning

**2.1 Talks/Lectures/ Workshops Organised/ Conducted**

**Summary :**

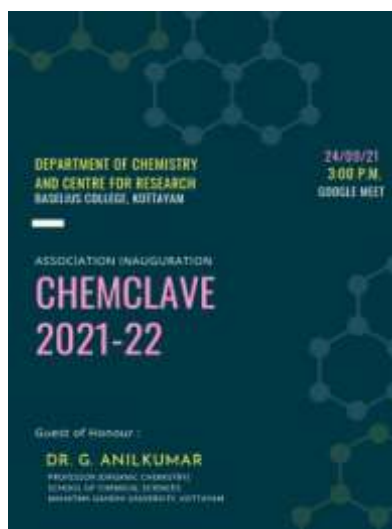
Sl No	Title of the Programme	Name of the Resource Person	No. of participants	Links available if any
1.	Inauguration of Chemistry Association and talk on Coupling Reactions in Organic Chemistry	Dr. G. Anilkumar Professor, (Organic Chemistry), School of Chemical Sciences, Mahatma Gandhi University	98	
2.	Curies Series : Session I	Aneesha K.S M2 Chemistry	98	

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3.	Curies Series: Session II	Sreekanth Sharma D2 Chemistry	97	
4.	Curies Series: Session III	Karthika Suresh D3 Chemistry	147	
5.	Talk on “Wonders of Life A Chemist Perspective” In association with National Science Day	Aravind K Assistant Professor, Department of Chemistry S.B College, Chaganachery	67	

### Summary of Reports of each Activity

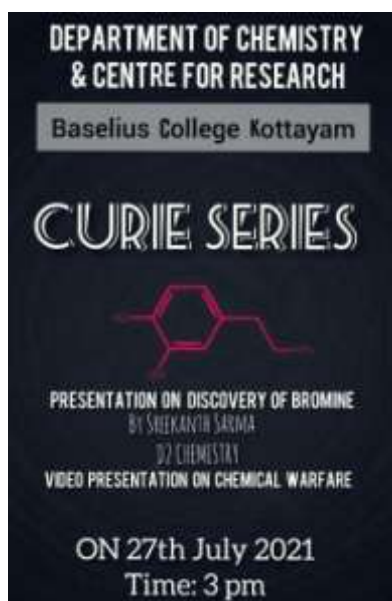
#### 1. Brochure



*Association Inauguration*



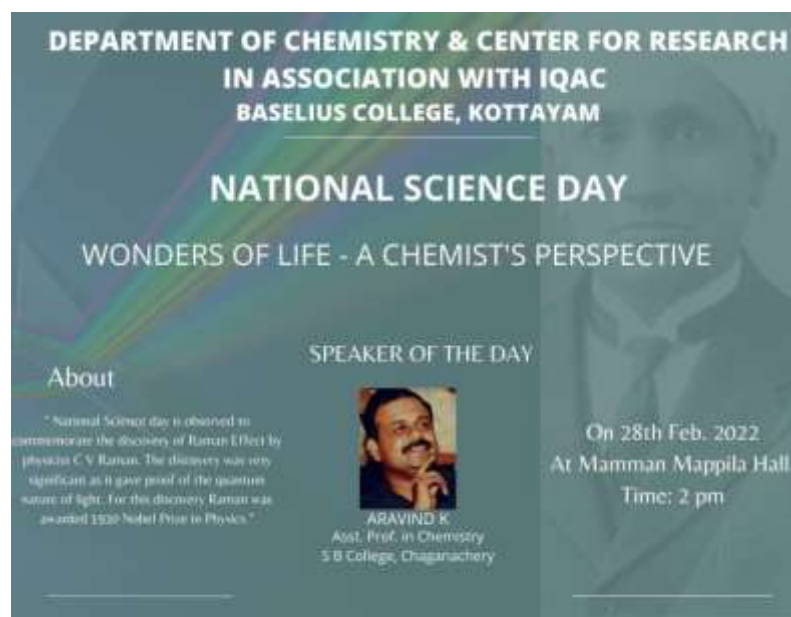
*Curies Series: I Session*



*Curies Series: II Session*



*Curies Series: III Session*



### **National Science Day**

A Brief write-up

#### **Inauguration of Chemistry Association**

The activities of the Chemistry Association, Chemclave 2020-2021 were officially inaugurated on 24 September 2021 by Dr G AnilKumar, Professor (Organic Chemistry), School of Chemical Sciences, Mahatma Gandhi University, Kottayam. He is a pioneer in the field of organic chemistry. Dr. G Anilkumar, in his keynote address talked about various metal catalysed coupling reactions. He also emphasized the significance of stereochemistry in real life.

On view of Covid- 19 pandemic the inauguration was done in a virtual manner using google platform. The meeting began by invoking the blessings from the God Almighty. Christina Mariam Mathew, teacher in-charge of the association welcomed gathering. Dr.Suma Bino Thomas presided over the function. Aiswarya T. S (Association Joint Secretary) thanked the gathering.

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### **Curies Series: Session I**

Curies Series is the platform where all the members in the Department comes together periodically and have talks and discussions in different arenas of chemistry and science. Curie's series generally includes a talk delivered either by a student or teacher in the topic of their interest. This gives an opportunity to students to improve their presentation and public speaking skills. This year in sight of Covid -19 pandemic the series were held in a virtual manner.

The first session of Curies series were organised on 25/06/2021 at 3 pm via Google meet. Aneesha K.S of M2 Chemistry delivered a talk on Nanotechnology which was followed by a video presentation on Drug Abuse. The video was created by M2 students in sight of International Day against Drug Abuse and Illicit Trafficking observed on 26 June.

### **Curies Series: Session II**

The second session of Curies series was conducted on 27/07/2021 at 3pm in a virtual manner (Google meet). A presentation on the topic 'Discovery of Bromine' was well presented by Sreekanth Sharma of D2 Chemistry. This was followed by a video presentation on chemical warfare.

### **Curies Series: Session III**

The third session of the Curies Series was held on 04/02/2021 at 3pm through Google meet. Aiswarya TS of D3 Chemistry welcomed the gathering. An interesting talk on Food Chemistry was delivered by Karthika Suresh of D3 Chemistry. She covered the topic in depth which was really interesting and informative. This was followed by a video presentation on Nuclear Power Plant by Anjana Satheesh Nair.

### **National Science Day**

A talk was organised by the Department in association with IQAC in connection with the National Science Day. National Science Day is observed to commemorate the discovery of Raman Effect by C.V Raman. This discovery was very significant as it gave the proof of the quantum nature of light. For this discovery C.V Raman was awarded Nobel Prize in Physics in 1930.

This year the talk was delivered by Aravind K, Assistant Professor, Department of Chemistry, S.B College Changanachery. The talk was on 'Wonders of life-A chemist Perspective'. He covered the concepts of quantum chemistry in an interesting manner. He converted hard theoretical concepts into something amusing and related it to everyday life. This was followed by a video presentation on life and work of CV Raman and woman in Indian Science. The video presentation was done by Chaitanya Sreenivas and Aiswarya T.S of D3 Chemistry.

## *Chemistry Association 2021-22*

### 2. Participant List

#### Inauguration of Chemistry Association

Sl. No.	Name of the student	Class
1	EDISON ABRAHAM	D3Chemistry
2	AARSHA MARIA JOSEPH	D3Chemistry
3	AKHIL LEKSHMANAN	D3Chemistry
4	CHITHRA C.S.	D3Chemistry
5	DEVIKA S	D3Chemistry
6	DINESH S	D3Chemistry
7	FREDDY THOMAS	D3Chemistry
8	KARTHIKA SUNIL	D3Chemistry
9	KAUSALYA R	D3Chemistry
10	NEVIN ALEXANDER	D3Chemistry
11	SANDRAMOL K.S.	D3Chemistry
12	SANJANA SASANKAN	D3Chemistry
13	SHARON S. KUNNATH	D3Chemistry
14	SURAJ SHAJAN	D3Chemistry
15	ANJITHA PRASAD	D3Chemistry
16	ANNMARIYA PETER	D3Chemistry
17	ANTO VARGHESE AJI	D3Chemistry
18	ATHIRA MADHU	D3Chemistry
19	BALU MAHENDRA	D3Chemistry
20	CHAITHANYA SREENIVAS	D3Chemistry
21	DEVIKA P. DEEPAK	D3Chemistry
22	FOUSIYAMOL K.K.	D3Chemistry
23	JANEESHA MADHU	D3Chemistry
24	JERRY ISSAC	D3Chemistry
25	KARTHIKA SURESH	D3Chemistry
26	KAVYA K.S.	D3Chemistry
27	MALAVIKA PRASAD	D3Chemistry
28	PARVATHY SANTHOSH	D3Chemistry
29	SEEYAMOL ABRAHAM	D3Chemistry
30	SWATHI SAJIKUMAR	D3Chemistry
31	AISWARYA T.S.	D3Chemistry
32	ANJALI SATHEESH NAIR	D3Chemistry
33	ASHNA BABU	D3Chemistry
34	CHRISTY JOHNY	D3Chemistry
35	DIYA SUSAN MATHEW	D3Chemistry
36	GAYATHRY C.P.	D3Chemistry
37	JIFFIN VARGHESE OOMMEN	D3Chemistry
38	LIYA ANN JACOB	D3Chemistry

## *Chemistry Association 2021-22*

39	NEZREEN NAUSHAD	D3Chemistry
40	RAJASREE R.	D3Chemistry
41	ABHIJITH S PRAHLAD	D2 Chemistry
42	AJAY VILAS	D2 Chemistry
43	AKHILA S	D2 Chemistry
44	ALEN MATHEW	D2 Chemistry
45	ANEETA ANN VARGHESE	D2 Chemistry
46	ANJALY ANILKUMAR	D2 Chemistry
47	ANJU ELZA BENNY	D2 Chemistry
48	ANWIN BIJU	D2 Chemistry
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50	ARAVIND. K	D2 Chemistry
51	ARYA .KR	D2 Chemistry
52	ASHKAR C RAZAK	D2 Chemistry
53	ASHOK BHAI GAUTAM	D2 Chemistry
54	BINISREE PS	D2 Chemistry
55	CHINNU MICHAEL	D2 Chemistry
56	DAYA. S.DILEEP	D2 Chemistry
57	DEVIKA BIJU	D2 Chemistry
58	ELIZABETH GABRIEL	D2 Chemistry
59	FASNA C I	D2 Chemistry
60	JAYALAKSHMI V.R	D2 Chemistry
61	KASTHOORI.S.R.	D2 Chemistry
62	LAKSHMI SANTHOSH	D2 Chemistry
63	LIYA VARUGHESE	D2 Chemistry
64	MARIYA BIJU	D2 Chemistry
65	NANDHANA BABU	D2 Chemistry
66	NAYANA DAS P	D2 Chemistry
67	PARVATHY KT	D2 Chemistry
68	PRABHUL PRADEEP	D2 Chemistry
69	PRAVEENA K	D2 Chemistry
70	RENJANA P REJIMON	D2 Chemistry
71	RESHMA M	D2 Chemistry
72	RIYAMOL KURIAKOSE	D2 Chemistry
73	SANDRA SURESH S	D2 Chemistry
74	SHIBINSHA S	D2 Chemistry
75	SNEHA THOMAS	D2 Chemistry
76	SOJIN SAJI	D2 Chemistry
77	SREEDARSANA P	D2 Chemistry
78	SREEKANTH SARMA P	D2 Chemistry
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82	M S APARNA	M2 Chemistry
83	AISWARYA TRESSA CHACKO	M2 Chemistry

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84	GAYATHRI MOHAN	M2 Chemistry
85	POOJA ASHOK	M2 Chemistry
86	NIVYA RAJ I R	M2 Chemistry
87	JOSHUA THOMAS SAJEEVAN	M2 Chemistry
88	SOURAG K K	M2 Chemistry
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95	BINCY T BENNY	M2 Chemistry
96	SANDRA V S	M2 Chemistry
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98	LEYA ELSA GEORGE	M2 Chemistry

### Curies Series Episode 2

Sl. No.	Name of the student	Class
1	EDISON ABRAHAM	D3Chemistry
2	AARSHA MARIA JOSEPH	D3Chemistry
3	AKHIL LEKSHMANAN	D3Chemistry
4	CHITHRA C.S.	D3Chemistry
5	DEVIKA S	D3Chemistry
6	DINESH S	D3Chemistry
7	FREDDY THOMAS	D3Chemistry
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93	DONA TOM	M2 Chemistry
94	BINCY T BENNY	M2 Chemistry
95	SANDRA V S	M2 Chemistry
96	ANEESHA KS	M2 Chemistry
97	LEYA ELSA GEORGE	M2 Chemistry

## *Chemistry Association 2021-22*

### Curies Series Episode 3

Sl.No	Student Name	Class
1	ABHIDEV T K	M1 Chemistry
2	ADITHI S	M1 Chemistry
3	ADWAITHA S	M1 Chemistry
4	ANANDU SURESH	M1 Chemistry
5	ANJANA SAJEEV	M1 Chemistry
6	ANSU MARIAM JOHNSON	M1 Chemistry
7	AYANA ANAND	M1 Chemistry
8	DEEPNA T V	M1 Chemistry
9	DIYA M P	M1 Chemistry
10	HENA MARIAM THOMAS	M1 Chemistry
11	HONEYMOL CHERIAN	M1 Chemistry
12	LAKSHMI SUBHASH	M1 Chemistry
13	MEGHA SUDHAKARAN	M1 Chemistry
14	NANDANA RRAJ	M1 Chemistry
15	NANDINI MENON	M1 Chemistry
16	NAVYA ANN BINU	M1 Chemistry
17	REENU ROY	M1 Chemistry
18	SANJAY C P	M1 Chemistry
19	SHILPA MERIN MATHEW	M1 Chemistry
20	ABHIJITH K SAJU	D1 Chemistry
21	ADITHYA K SUMESH	D1 Chemistry
22	AJAY SANIL	D1 Chemistry
23	AKSHAYA SUSAN PHILIP	D1 Chemistry
24	AMAL RAJU	D1 Chemistry
25	ANISHA JOJO	D1 Chemistry
26	ANJU CHERIAN	D1 Chemistry
27	ARATHY.P.S	D1 Chemistry
28	ASHISHA BOBBY	D1 Chemistry
29	BHAVYA P V	D1 Chemistry
30	CHRISTY SHAJI	D1 Chemistry
31	DAWN M ZACHARIA	D1 Chemistry
32	DAYAL NS	D1 Chemistry
33	FEBIN A THAMPI	D1 Chemistry
34	GEETHU KRISHNA	D1 Chemistry
35	GOURI NANDANA BAIJU	D1 Chemistry
36	HARISANKAR T. ANIL	D1 Chemistry
37	LAKSHMI M	D1 Chemistry
38	NAADIYA NARAYANAN V	D1 Chemistry
39	NANDANA SUNIL	D1 Chemistry
40	PREETHA PS	D1 Chemistry

## *Chemistry Association 2021-22*

41	S HRISHIKESH	D1 Chemistry
42	SANJAY T RAJ	D1 Chemistry
43	SIDDARTH HARIKUMAR	D1 Chemistry
44	SREELEKHA.P.S	D1 Chemistry
45	SREERAJ S	D1 Chemistry
46	SULFIYA	D1 Chemistry
47	VIVEK JOY THOMAS	D1 Chemistry
48	EDISON ABRAHAM	D3Chemistry
49	AARSHA MARIA JOSEPH	D3Chemistry
50	AKHIL LEKSHMANAN	D3Chemistry
51	CHITHRA C.S.	D3Chemistry
52	DEVIKA S	D3Chemistry
53	DINESH S	D3Chemistry
54	FREDDY THOMAS	D3Chemistry
55	KARTHIKA SUNIL	D3Chemistry
56	KAUSALYA R	D3Chemistry
57	NEVIN ALEXANDER	D3Chemistry
58	SANDRAMOL K.S.	D3Chemistry
59	SANJANA SASANKAN	D3Chemistry
60	SHARON S. KUNNATH	D3Chemistry
61	SURAJ SHAJAN	D3Chemistry
62	ANJITHA PRASAD	D3Chemistry
63	ANNMARIYA PETER	D3Chemistry
64	ANTO VARGHESE AJI	D3Chemistry
65	ATHIRA MADHU	D3Chemistry
66	BALU MAHENDRA	D3Chemistry
67	CHAITHANYA SREENIVAS	D3Chemistry
68	DEVIKA P. DEEPAK	D3Chemistry
69	FOUSIYAMOL K.K.	D3Chemistry
70	JANEESHA MADHU	D3Chemistry
71	JERRY ISSAC	D3Chemistry
72	KARTHIKA SURESH	D3Chemistry
73	KAVYA K.S.	D3Chemistry
74	MALAVIKA PRASAD	D3Chemistry
75	PARVATHY SANTHOSH	D3Chemistry
76	SEEYAMOL ABRAHAM	D3Chemistry
77	SWATHI SAJIKUMAR	D3Chemistry
78	AISWARYA T.S.	D3Chemistry
79	ANJALI SATHEESH NAIR	D3Chemistry

## *Chemistry Association 2021-22*

80	ASHNA BABU	D3Chemistry
81	CHRISTY JOHNY	D3Chemistry
82	DIYA SUSAN MATHEW	D3Chemistry
83	GAYATHRY C.P.	D3Chemistry
84	JIFFIN VARGHESE OOMMEN	D3Chemistry
85	LIYA ANN JACOB	D3Chemistry
86	NEZREEN NAUSHAD	D3Chemistry
87	RAJASREE R.	D3Chemistry
88	ABHIJITH S PRAHLAD	D2 Chemistry
89	AJAY VILAS	D2 Chemistry
90	AKHILA S	D2 Chemistry
91	ALEN MATHEW	D2 Chemistry
92	ANEETA ANN VARGHESE	D2 Chemistry
93	ANJALY ANILKUMAR	D2 Chemistry
94	ANJU ELZA BENNY	D2 Chemistry
95	ANWIN BIJU	D2 Chemistry
96	ANZAL S	D2 Chemistry
97	ARAVIND. K	D2 Chemistry
98	ARYA .KR	D2 Chemistry
99	ASHKAR C RAZAK	D2 Chemistry
100	ASHOK BHAI GAUTAM	D2 Chemistry
101	BINISREE PS	D2 Chemistry
102	CHINNU MICHAEL	D2 Chemistry
103	DAYA. S.DILEEP	D2 Chemistry
104	DEVIKA BIJU	D2 Chemistry
105	ELIZABETH GABRIEL	D2 Chemistry
106	FASNA C I	D2 Chemistry
107	JAYALAKSHMI V.R	D2 Chemistry
108	KASTHOORI.S.R.	D2 Chemistry
109	LAKSHMI SANTHOSH	D2 Chemistry
110	LIYA VARUGHESE	D2 Chemistry
111	MARIYA BIJU	D2 Chemistry
112	NANDHANA BABU	D2 Chemistry
113	NAYANA DAS P	D2 Chemistry
114	PARVATHY KT	D2 Chemistry
115	PRABHUL PRADEEP	D2 Chemistry
116	PRAVEENA K	D2 Chemistry

## *Chemistry Association 2021-22*

117	RENJANA P REJIMON	D2 Chemistry
118	RESHMA M	D2 Chemistry
119	RIYAMOL KURIAKOSE	D2 Chemistry
120	SANDRA SURESH S	D2 Chemistry
121	SHIBINSHA S	D2 Chemistry
122	SNEHA THOMAS	D2 Chemistry
123	SOJIN SAJI	D2 Chemistry
124	SREEDARSANA P	D2 Chemistry
125	SREEKANTH SARMA P	D2 Chemistry
126	SREENATH H	D2 Chemistry
127	SREYA ANN PIUS	M2 Chemistry
128	NEHA ANNA IPE	M2 Chemistry
129	M S APARNA	M2 Chemistry
130	AISWARYA TRESSA CHACKO	M2 Chemistry
131	GAYATHRI MOHAN	M2 Chemistry
132	POOJA ASHOK	M2 Chemistry
133	NIVYA RAJ I R	M2 Chemistry
134	SOURAG K K	M2 Chemistry
135	NICKSON THOMAS	M2 Chemistry
136	ASHMITHA ABRAHAM	M2 Chemistry
137	SILPA AUGUSTINE	M2 Chemistry
138	APARNA P L	M2 Chemistry
139	JISSMON S	M2 Chemistry
140	DONA TOM	M2 Chemistry
141	BINCY T BENNY	M2 Chemistry
142	SANDRA V S	M2 Chemistry
143	ANEESHA KS	M2 Chemistry
144	LEYA ELSA GEORGE	M2 Chemistry



# Chemistry Association 2021-22

## National Science Day

National Science Day			
Resource Person: Mr. Aravind K, Asst. Prof. in Chemistry, 11			
SB College, Changanacherry			
Venue: Mrs. Mammen Mappolla Hall			
Organised by: Department of Chemistry and Centre for Research & IQAC,			
Date: 28/2/2022		Baselin College, Kottayam	
		Time: 2-3:30 pm	
Sl. No	Name of the student	Class	Signature
1	Soumya Sajee K.K	M2	
2	MS Aparna	M2	
3	Nisha Anna Ipe	M2	
4	Ashmita Abraham	M2	
5	Sanya Ann Pius	M2	
6	Leyla Elsa George	M2	
7	Nickson Thomas	M2	
8	Tramon S	M2	
9	Gayathri Mohan	M2	
10	Pooja Ashok	M2	
11	Charthanya Krmixal	D3	
12	Dona Jan	M2	
13	Nirva Raj I.R	M2	
14	Aiswarya T.S	D3	
15	Abhijith S. Prathod	D2	
16	Sandhya V.S	M2	
17	Aneesha K.S	M2	
18	Praveen Sarna P	D3	
19	Encha Thomas	D2	
20	Sajin Saji	D3	
21	Shyoli Sathesh Nair	D3	
22	Kausalya R	D3	
23	Arsha Maria Joseph	D3	
24	Anmarip Peter	D3	
25	Diya Susan Mathew	D3	
26	Kanya K.S	D3	
27	Geetha Abraham	D3	
28	Arina Babu	D3	
29	Barthick Sugath	D3	
30	Swathi Sajikumar	D3	
31	Karthika Anil	D3	






# Chemistry Association 2021-22

12

Sl. No	Name of the student	Class	Signature	Sl. No
32	Gayathri CP	D3 chemistry		65
33	Rinu Vinod	D3 chemistry		66
34	R. Rajasee	D3 "		67
35	Athira Madhu	D3 "		
36	Malavika Prasad	D3 "		
37	Hena Mariam Thomas	M1 "		
38	Nandini Menon	M1 "		
39	Nerin Alexander	D3 chemistry		
40	Ana Varghese Aji	D3 "		
41	Sharon, S kumari	D3 chemistry		
42	Akhil Lekshmanan	"		
43	Anjitha Prasad	D3 chemistry		
44	Poeddy Prans	D3 chem		
45	Balu mahendran	D3 chem		
46	Nezhaan Naushad	D3 chem		
47	Devika. P. Deepak	D3 chem		
48	Devika.S	D3 chem		
49	Nandiga Narayanan V	M1 chem		
50	Gooni Nandana Barju	"		
51	Ashisha Bobby	"		
52	Christy Shaji	"		
53	Anju Cherian	"		
54	Akshaya Philip	"		
55	Geetha Krishna	"		
56	Nandana Sunil	"		
57	Bhavya P V	"		
58	Lakshmi M	"		
59	Abhijith. K. Gaju	"		
60	Siddarth Parikumar	"		
61	Ajay Sanil	"		
62	Sanjay. I. Raj	"		
63	Sreeraj.S	"		
64	Febio - A Thampi	"		

# Chemistry Association 2021-22

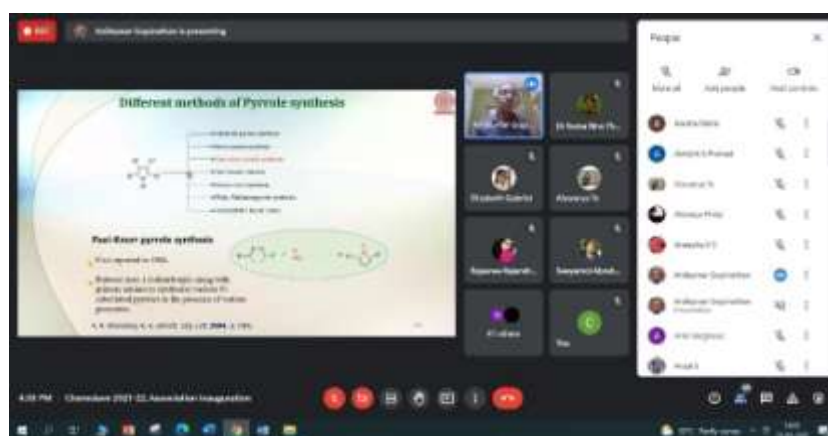
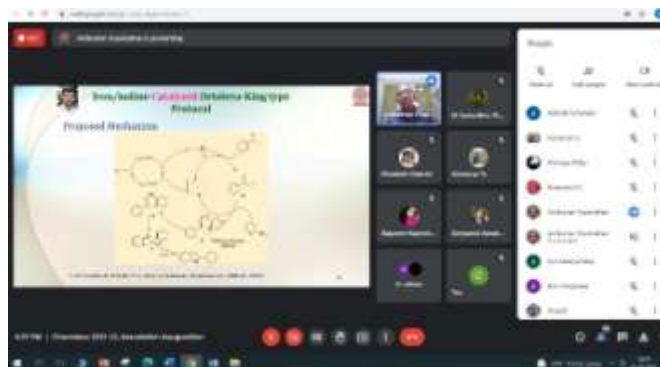
Sl.No	Name of the Student	class	Signature
65	S. Hishikesh	D <sub>1</sub> Chemistry	
66	Dawn M Zacharia	"	
67	Vivek Jay Thomas	"	

## 3. Photos/Screenshots etc.

### Inauguration



# Chemistry Association 2021-22










*Chemistry Association 2021-22*

[illegible]

REC
Ananthmur Gopinathan is presenting

## Different properties of enantiomers

Asparagine	D-form :Sweet	L-form :Tasteless
Leucine	D-form :Sweet	L-form :Bitter
Limonene	R(+) form: Orange smell	S(-) form: Lemoa smell
Carvone	R(-) form: Spearmint smell	S(+)-form: Caraway smell
Menthol	Only the (-) form gives cooling effect in cigarettes	

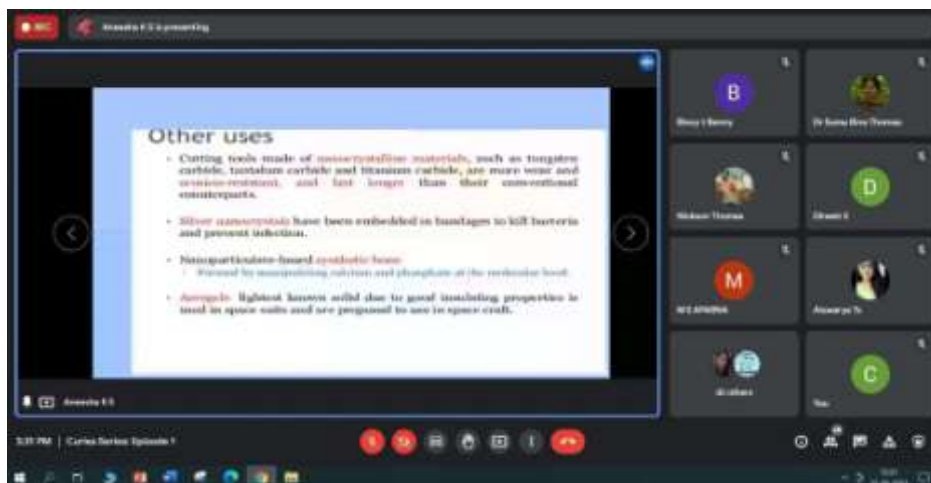
E.L. Eliel, S.H. Wilen, Stereochemistry of Organic Compounds, Wiley, New Delhi, 1994, pp.203

18

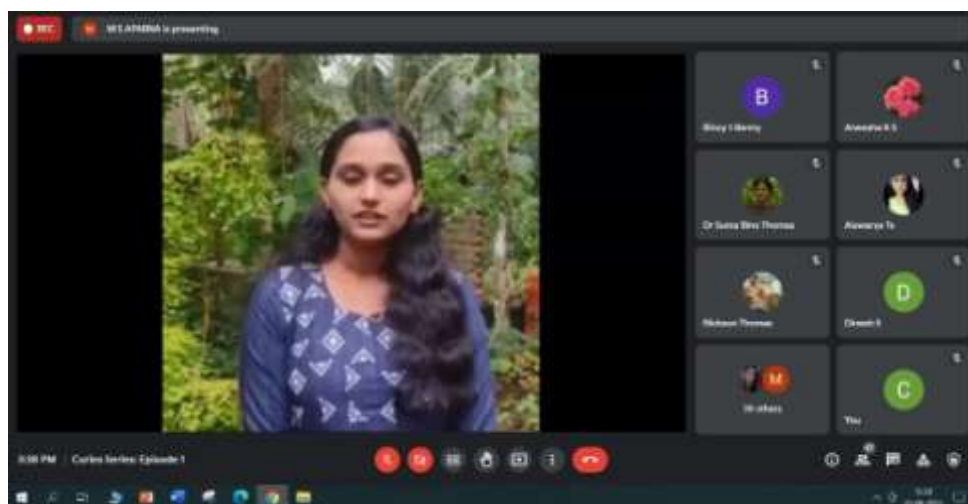
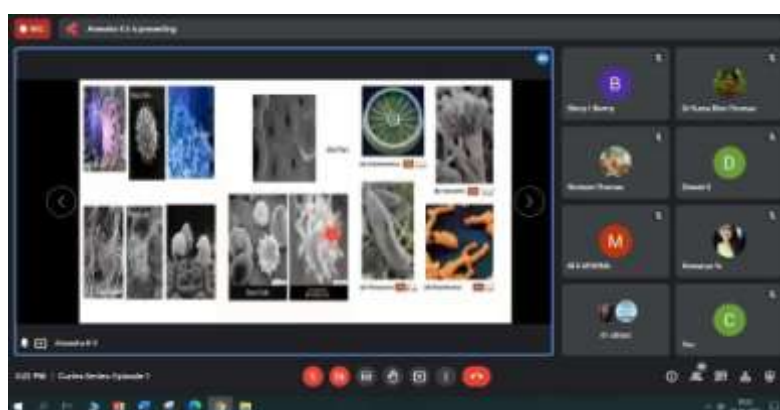
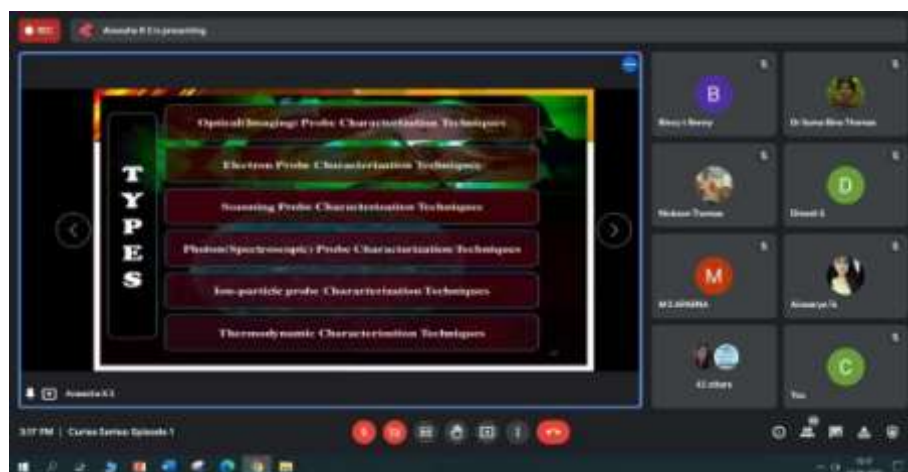
A screenshot of a Zoom video conference. The main window displays a presentation slide titled "X-Ray Diffraction (XRD)". The slide contains a photograph of an experimental setup with several components labeled: "video camera", "imaging plate detector", "sample", "focusing optics", and "rotating anode". Red arrows point from the text labels to their corresponding parts in the photograph. To the right of the presentation is a grid of eight participant tiles. Each tile shows a profile picture or an initial and the person's name. The participants are: Wang Jiaoyang (initial B), Dr. Sumit Bhattacharya (profile pic), Wabson Thomas (profile pic), Divash D. (initial D), M.S. ANISHA (initial M), Ananya ga Ti (profile pic), AT sharma (profile pic), and You (initial C). At the bottom of the screen is the Windows taskbar, showing the time as 8:24 PM and the active application as "Curtis Loring Episode 1". There are also icons for various background applications and system utilities.

# Chemistry Association 2021-22

## Curies Series: Episode I



# Chemistry Association 2021-22



# Chemistry Association 2021-22



## Curies Series Episode 2





# Chemistry Association 2021-22

Zoom meeting interface showing a presentation slide titled "COMPOUNDS". The slide content includes:

- COMPOUNDS**
- Compounds are when one element is chemically combined with another element. There are some more common examples compounds that are combined with one or more other elements.
- Example: NaCl is a compound that was used to extract sodium in general testing compounds within the pages of the textbook.
- Apple is a compound that is used in the for photographs. It is the largest single of chemical today.

The Zoom interface shows a grid of participants on the right, including Elizabeth Gabriel, Parvathy KT, Ramesha R, Shree Teja, Aparna P, Rina Vimal, and others. The bottom status bar indicates the time is 3:03 PM and the meeting is titled "Charles Series Episode 2".

Zoom meeting interface showing a presentation slide with the following bullet points:

- Intentional application for hostile purposes of toxic substances (or chemical weapons) against humans and their environment.
- **CHEMICAL WEAPONS**: these are the specialized munition that uses chemicals formulated to inflict death or harm on humans.
- The term chemical weapon may also be applied to any toxic chemical or its precursor that can cause death, injury, temporary incapacitation or sensory irritation through its chemical action.

The Zoom interface shows a grid of participants on the right, including Elizabeth Gabriel, SANDA SURESH, Anshu K Prasad, Elizabeth Gabriel, Parvathy KT, and others. The bottom status bar indicates the time is 3:07 PM and the meeting is titled "Charles Series Episode 2".

Zoom meeting interface showing a presentation slide titled "Example-VX Gas". The slide content includes:

- KIND**: Nerve agents
- ANTIDOTE**: atropine
- It works as a nerve agent by blocking the function of the enzyme acetylcholinesterase.
- VX is deadliest of all nerve agents, VX kills in less than a minute unless its antidote, atropine, is administered directly into the heart.
- $\text{C}_2\text{H}_5\text{NO}_2\text{P}_2\text{S}_2$
- $\text{O-Ethyl-S-[2(diisopropylamino)ethyl] methylphosphonothioate}$

The Zoom interface shows a grid of participants on the right, including Elizabeth Gabriel, SANDA SURESH, Anshu K Prasad, Aparna P, Parvathy KT, and others. The bottom status bar indicates the time is 3:08 PM and the meeting is titled "Charles Series Episode 2".



*Chemistry Association 2021-22*

**OPCW**

The Organisation for the Prohibition of Chemical Weapons (OPCW) is an intergovernmental Organisation and its implementing body for the Chemical Weapons Convention (Convention on the Prohibition of the Development, Production, Stockpiling and Use of Chemical Weapons and on their Destruction), which entered into force on 29 April 1997.

The OPCW, with its 113 member states, has its seat in The Hague, Netherlands, and oversees the global endeavour for the permanent and verifiable elimination of chemical weapons.

9:12 PM | Corvus Solvus Episode 2

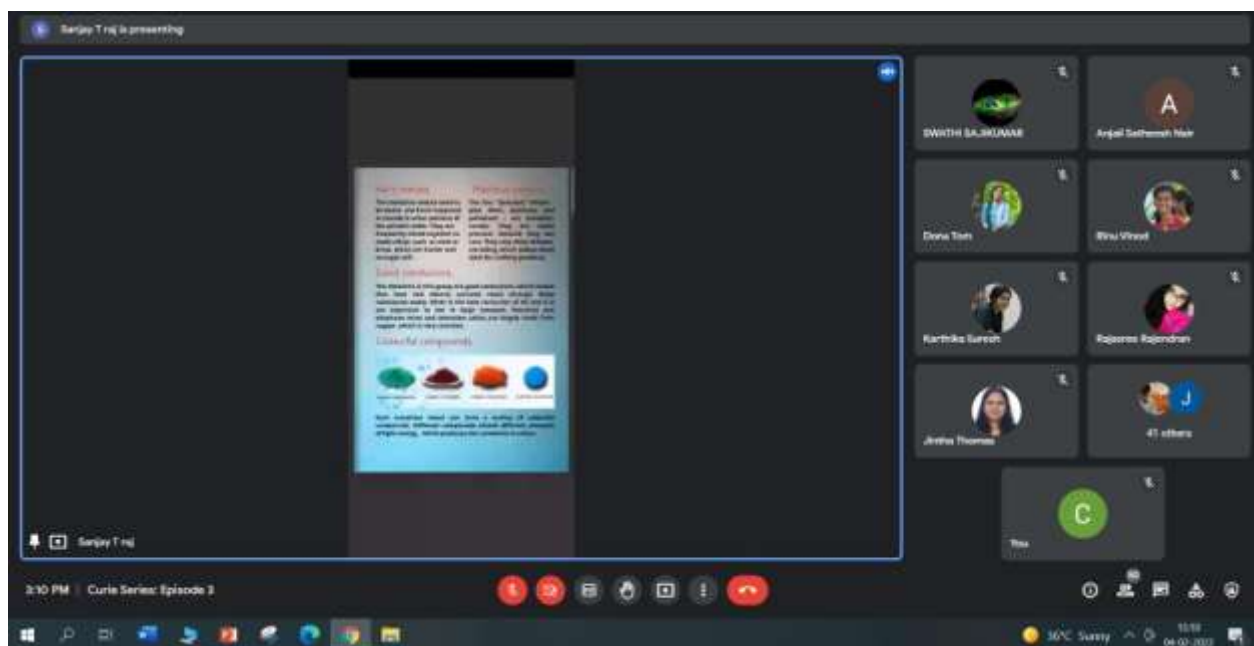
## Curies Series: Episode 3

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "FOOD CHEMISTRY". The slide text reads: "Food science deals with the physical, chemical and biological properties of foods as they relate to stability, quality, processing, safety, nutritive value, wholesomeness, convenience and cost. Food science is an inter-disciplinary subject involving primarily bacteriology, chemistry, biology and engineering. Food chemistry is a major aspect of food science dealing with the composition and properties of food and chemical changes it undergoes during handling, processing and storage. Food Chemistry is intimately related to chemistry and biological sciences like biochemistry, botany, zoology and molecular biology." To the right of the text is an image of a pizza with various toppings. The right sidebar shows a grid of participant avatars, including one with a blue 'V' and another with a green 'C'. The bottom status bar indicates the time is 2:41 PM and the meeting name is 'Curtis Swann Episode 1'.

The screenshot shows a Zoom meeting in progress. The main window displays a document titled "Santitas" with text in Spanish. The document content includes a title "Santitas", a paragraph about the importance of family, and a section titled "Santitas" with a list of items. The Zoom interface shows a grid of participants on the right, including "Santitas", "Santitas", "Santitas", "Santitas", "Santitas", "Santitas", "Santitas", and "Santitas". The bottom status bar shows the time as 2:10 PM and the meeting name as "Santitas".

# Chemistry Association 2021-22

Sanjay Trij is presenting



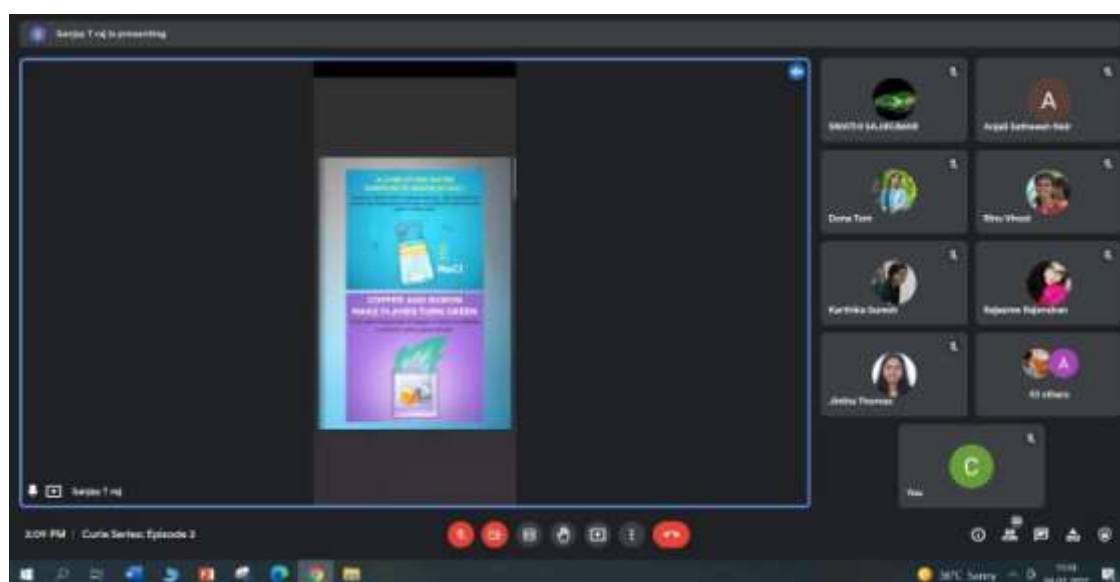
Curie Series: Episode 3

Sanjay Trij

3:10 PM | Curie Series: Episode 3

50°C Sunny 11:18 04-02-2022

Sanjay Trij is presenting



Curie Series: Episode 3

Sanjay Trij

3:09 PM | Curie Series: Episode 3

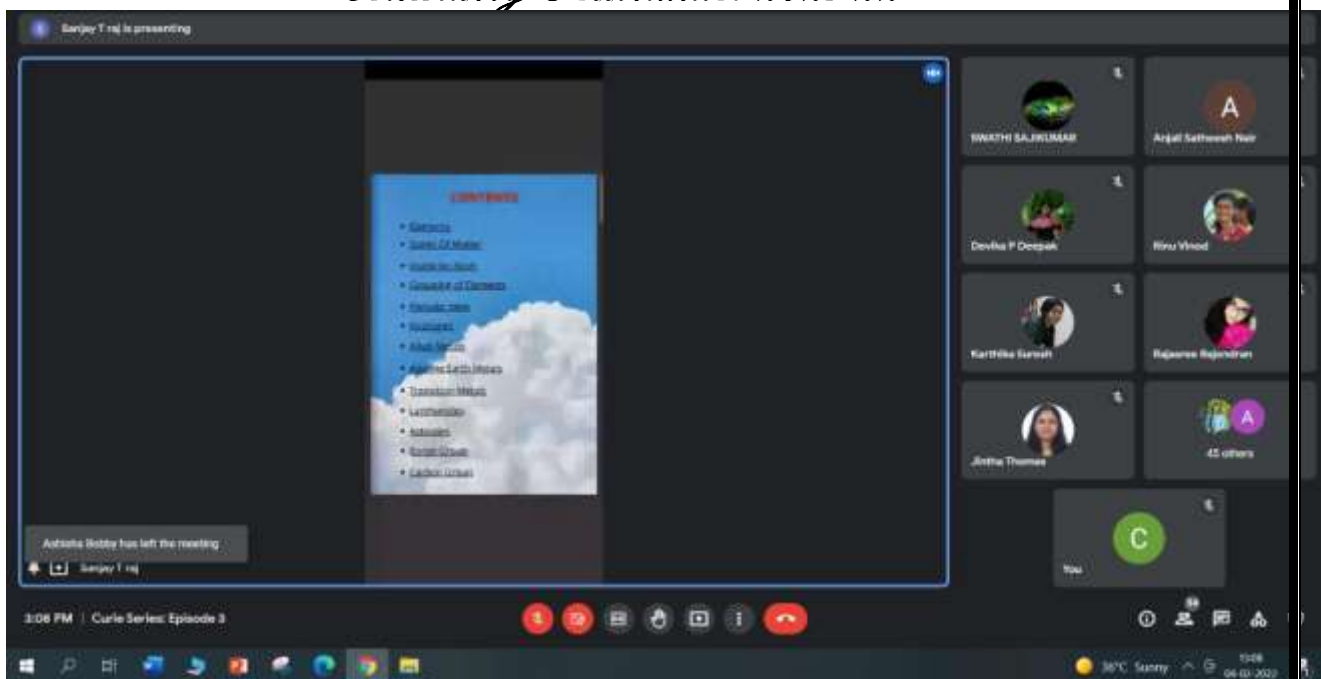
38°C Sunny 11:18 04-02-2022

*Chemistry Association 2021-22*

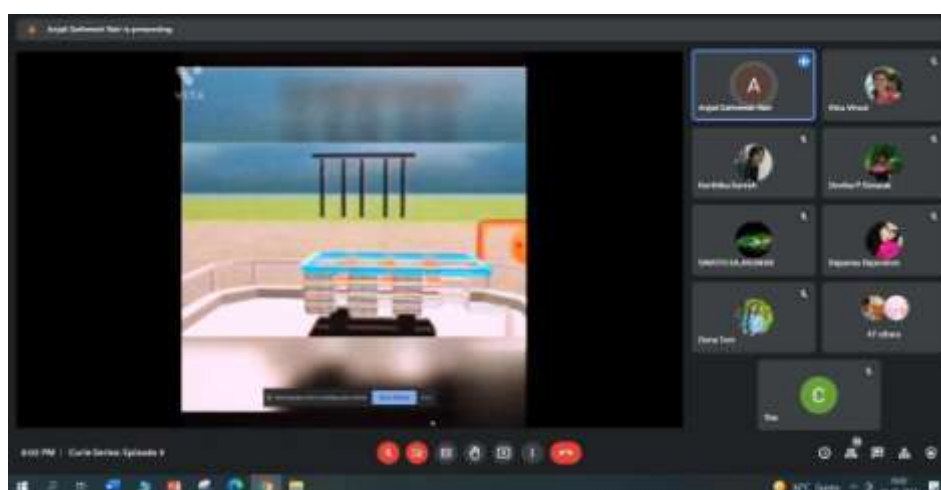
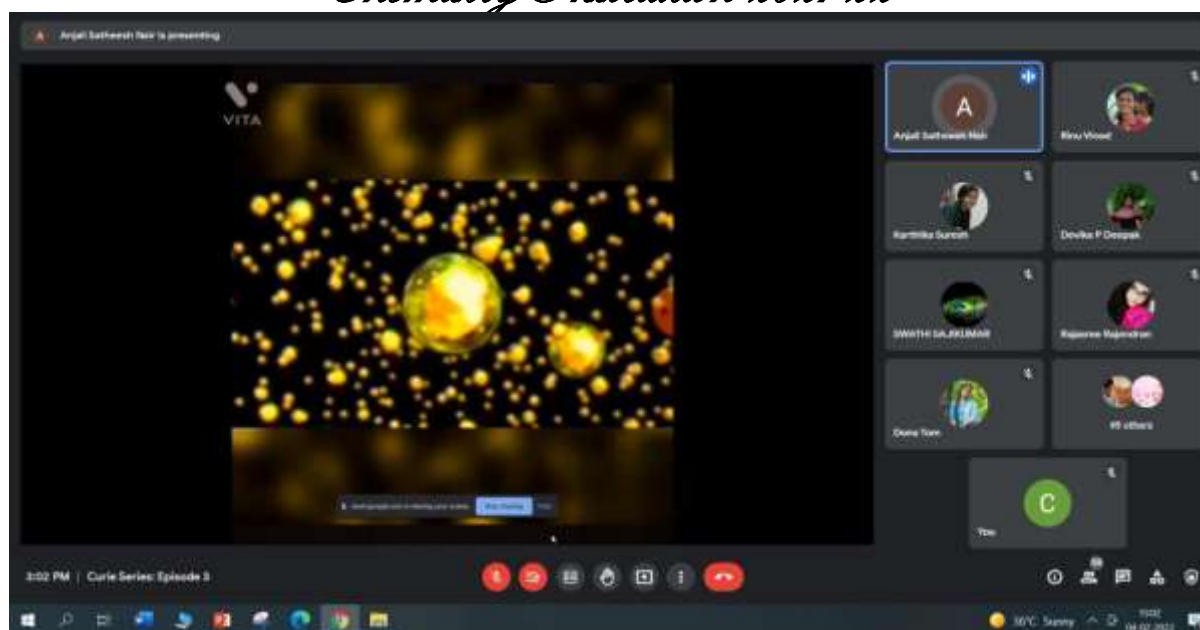
[illegible]

The screenshot displays a Zoom meeting in progress. The central focus is a presentation slide titled "Curie Series: Episode 3". The slide contains text about a "Curie Series" and a diagram showing a green sphere with three blue spheres. The right sidebar shows a grid of participant avatars, including Swathi Sathyan, Anjal Sathyan, Dina Tom, Rina Wood, Karthika Suresh, Rajaraj Rajarajan, Justin Thomas, and 64 others. The bottom status bar shows the time as 3:08 PM and the title "Curie Series: Episode 3".

*Chemistry Association 2021-22*

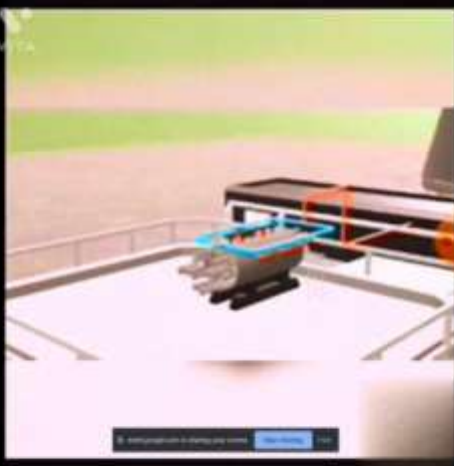


# Chemistry Association 2021-22



# Chemistry Association 2021-22

Arpit Sathwani Nair is presenting



Arpit Sathwani Nair

Rinu Vinod

Karthika Suresh

Devika P Desai

SWATHI SAJUMAM

Rajanees Rajendran

Diana Tom

48 others


You

3:01 PM | Curie Series: Episode 3


Karthika Suresh is presenting

**4. Fruits and vegetables**

\* Detection of malachite green



\* Detection of rhodamine B in sweet potato



Karthika Suresh

SWATHI SAJUMAM

Anand S

Jinu Mathew

Rinu Vinod

Rajanees Rajendran

Diana Tom

Devika P Desai

48 others

You

3:58 PM | Curie Series: Episode 3


38°C Sunny 34-02-2022



# Chemistry Association 2021-22

Karthika Suresh is presenting.

When oil is adulterated, then other oils remain as a separate layer.



Karthika Suresh

2:57 PM | Curia Series: Episode 3

SWATHI SAKUMARI, Ansel S, Jinu Mathew, Binu Vinod, Rajarao Rajendran, Dinesh Tom, Devika P Deepak, AS others, You

34°C Mostly sunny 04-02-2022

Karthika Suresh is presenting.

**DETECT ADULTERATION WITH RAPID TEST**

1. **Milk & Milk Products**  
 \* Detection of mashed potatoes, sweet potatoes and other starches in ghee/butter

• **Testing Method**  
 \* Take ½ teaspoon of ghee/butter in a transparent glass bowl.  
 \* Add 2-3 drops of tincture of iodine.  
 \* Formation of blue colour indicates the presence of mashed potatoes, sweet potatoes and other starches.



Karthika Suresh

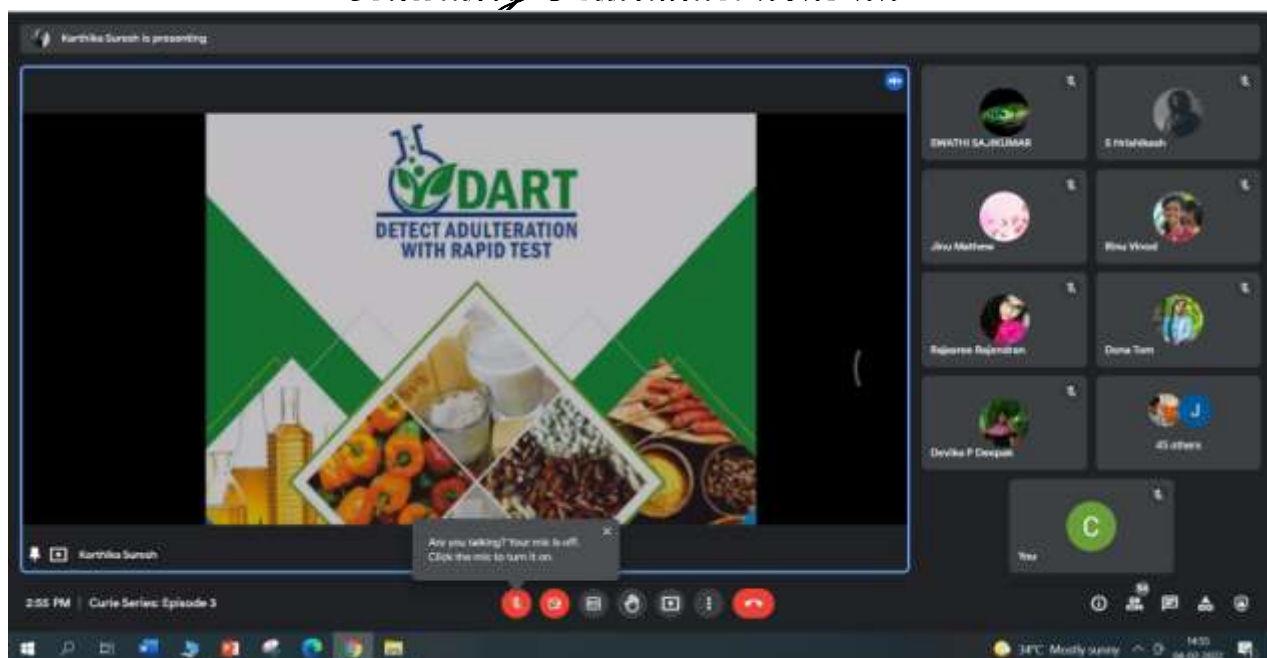
2:58 PM | Curia Series: Episode 3

SWATHI SAKUMARI, Ansel S, Jinu Mathew, Binu Vinod, Rajarao Rajendran, Dinesh Tom, Devika P Deepak, AS others, You

34°C Mostly sunny 04-02-2022

# Chemistry Association 2021-22

Karthika Suresh is presenting

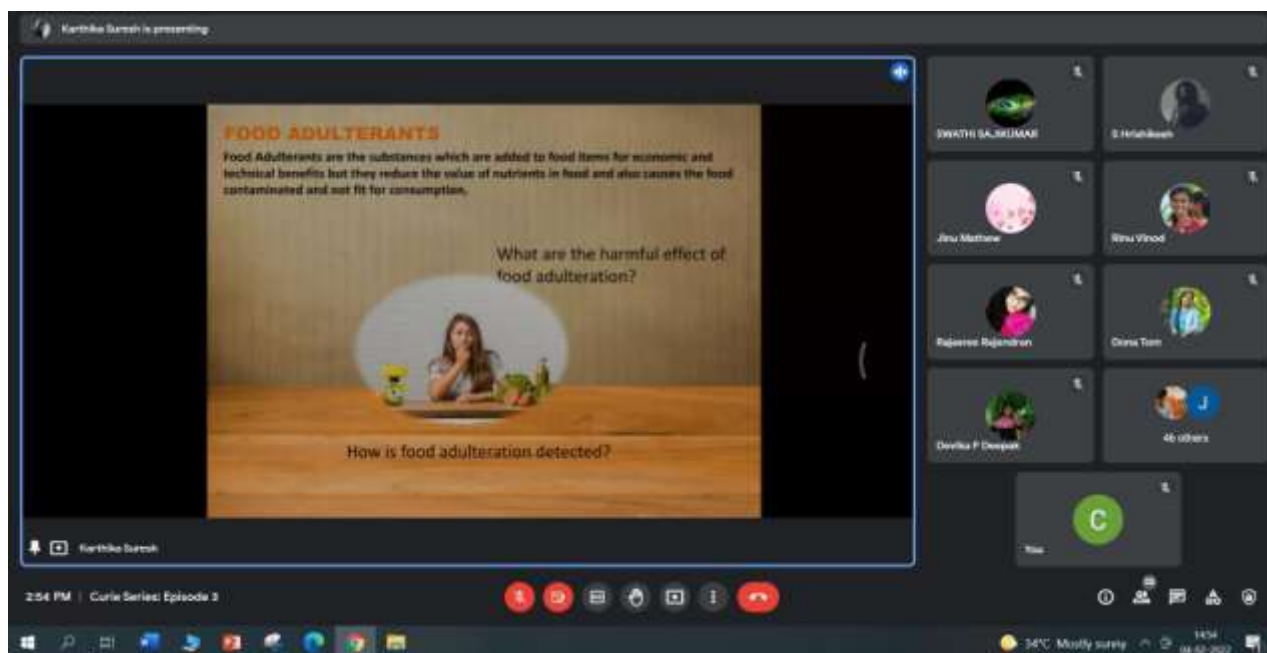


Are you talking? Your mic is off. Click the mic to turn it on.

2:55 PM | Curie Series: Episode 3

34°C Mostly sunny 14:55 04-02-2022

Karthika Suresh is presenting



**FOOD ADULTERANTS**

Food Adulterants are the substances which are added to food items for economic and technical benefits but they reduce the value of nutrients in food and also causes the food contaminated and not fit for consumption.

What are the harmful effect of food adulteration?

How is food adulteration detected?

2:54 PM | Curie Series: Episode 3

34°C Mostly sunny 14:54 04-02-2022




Karthika Suresh is presenting

## Biologically derived antimicrobials

**Nisin** is a polypeptide produced by *Streptococcus lactis* (now called *Lactococcus lactis*). The solubility of the compound depends on the pH of the medium. It is more soluble in acidic pH and almost insoluble in neutral pH. Nisin has a narrow spectrum affecting only gram-positive bacteria, including lactic acid bacteria, streptococci, bacilli, and clostridia. It generally does not inhibit gram-negative bacteria, yeasts or moulds. The antimicrobial action of nisin is pH dependent, increases as the pH decreases. It is effective at very low concentrations of the order of 0.04–2.0 ppm. Nisin has been permitted in packaged coconut water and canned rasagolla under PFA.

**Natamycin** is produced by the bacterium *Streptomyces natamycinus*. The compound has a large lactone ring which is substituted with one or more sugar residues. Natamycin is primarily effective against yeast and moulds and is ineffective against bacteria, viruses and actinomycetes. Natamycin is also effective at very low concentrations of the order of 5–10 ppm. Natamycin has been permitted for surface treatment of hard cheese.



Karthika Suresh

2:52 PM | Curia Series: Episode 3

34°C, Mostly sunny 14:52 04-02-2022

Karthika Suresh is presenting

## FOOD ADDITIVES

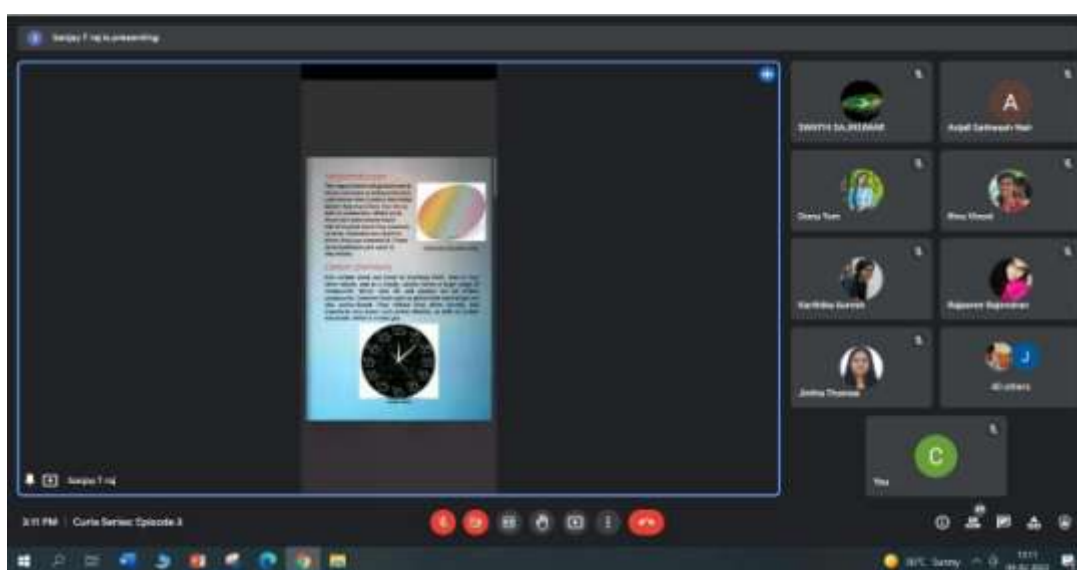
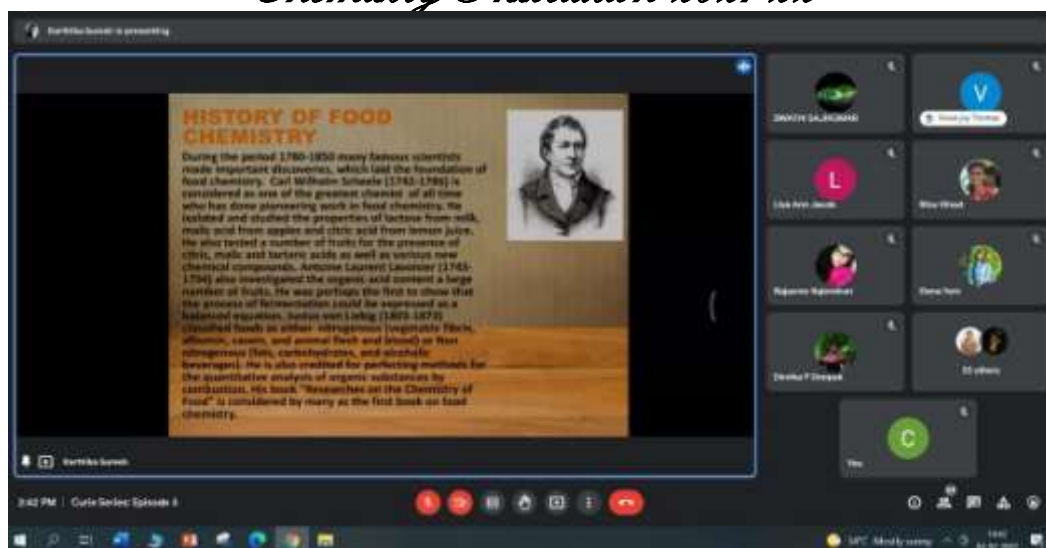
Different people used to understand food additive in different ways. The widely accepted definition of food additive is: "a substance or mixture of substances, other than a basic foodstuff, which is present in a food as a result of any aspect of production, processing, storage, or packaging. The term does not include chance contaminants". Food additives are substances intentionally added for specific functions. The number of additives being used in food today is very large. However, they can be classified into a few types based on their functional properties. They may include: 1) preservatives, 2) antioxidants, 3) neutralizers and buffers, 4) colouring agents, 5) flavouring agents, 6) sweeteners 7) nutritional additives, and 8) miscellaneous additives. Each country has laid down its own food legislation and The Prevention of Food Adulteration Act (PFA) and Rules, 1954, in India lists the additives permitted in different foods and their maximum permissible limits.

Karthika Suresh

2:45 PM | Curia Series: Episode 3

34°C, Mostly sunny 14:42 04-02-2022

# Chemistry Association 2021-22



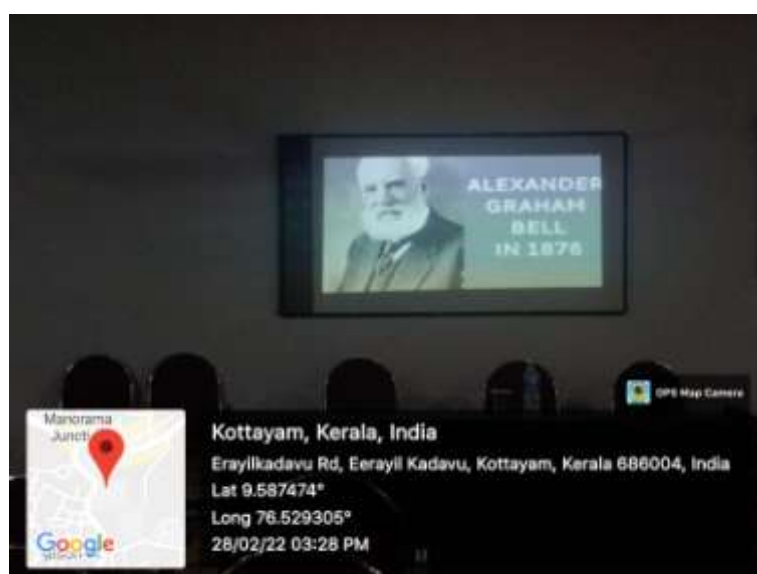
## National Science Day



## *Chemistry Association 2021-22*



## *Chemistry Association 2021-22*



### **2.2a Competition Organised within the college:**

#### **Summary :**

Sl No	Title of the Programme	Nature of the programme	No. of participants
1.	Slogan Writing Competition	Interdepartmental competition organised in association with International Day Against Drug Abuse and Illicit Trafficking	8
2.	Photography competition	Interdepartmental competition	12



## Summary of Reports of each Activity

### 1. Brochure



### 2. A Brief write-up

#### **Slogan Writing Competition**

An Interdepartmental Slogan Writing competition was organised in association with International Day Against Drug Abuse and Illicit Trafficking (26 June). The theme of the programme was “Think Health Not Drugs”. 8 entries were received. Among them Abhitha Ranji P of D1 Zoology bagged the first position. Anitta Treesa and Ajith Pavnar of D1 English and D3 Zoology received the second and third positions respectively. E certificates were provided to the winners.

#### **Photography Competition**

An Interdepartmental Photography Competition was organized in the month of September. The theme of the competition was “Patterns of Nature”. 12 entries from various departments were received. Alby John Cherian (D3 Economics) won the first position. Chaitanya Sreenivas (D3 Chemistry) and Abhijith P (D2 Physics) shared the second position. Ardra P Nair (D3 English) bagged the third position. Cash prize was awarded to the winners.

**3. Participant Details**

**BASELIUS COLLEGE**

**DEPARTMENT OF CHEMISTRY & CENTRE OF RESEARCH**

**SLOGAN WRITING COMPETITION**

<b>Sl. No</b>	<b>Name of the student</b>	<b>Class</b>
1	ABHITHA RANJI P	D1 Zoology
2	ANEESHA K.S	M1 Chemistry
3	ARCHANA LAL	
4	ARATHY SHAJI	D1 Economics
5	HARIPRIYA P NAIR	D2 Physics
6	AJITH PAVANAN	D3 Zoology
7	ATHIRA DAS	D1 Economics
8	ANEETA TREESA RAPHEL	D1 English

**BASELIUS COLLEGE**

**DEPARTMENT OF CHEMISTRY & CENTRE OF RESEARCH**

**PHOTOGRAPHY COMPETITION**

<b>Sl.No</b>	<b>Name of the student</b>	<b>Class</b>
1	CHAITHANYA SREENIVAS	D3 Chemistry
2	ALBY JOHN CHERIAN	D3 Economics

*Chemistry Association 2021-22*

3	ABHIJITH P	D2 Physics
4	ARDRA P NAIR	D3 English
5	ABHIJITH T.A	D2 Chemistry
6	KARTHIKA SUNIL	D3 Chemistry
7	AIOSWARYA TREESA CHACKO	M2 Chemistry
8	JESTEENA SUSAN THOMAS	D3 Mathematics
9	ANJALI SATHEESH NAIR	D3 Chemistry
10	SREEKANTH SHARMA	D2 Chemistry
11	NIMMY T.S	B.Com
12	MERISA SHINOSE	D1 B.Com

4. Photos/Screenshots etc.

*Chemistry Association 2021-22*

**DEPARTMENT OF CHEMISTRY  
& CENTRE FOR RESEARCH**

BASELIUS COLLEGE KOTTAYAM

**SLOGAN WRITING COMPETITION**

*Winners*



**FIRST PRIZE**

**ASHITHA RANJI P.  
B1 ZOOLOGY**



**SECOND PRIZE**

**ANITTA TERESA  
RAPHAEL, B1 ENGLISH**



**THIRD PRIZE**

**ARITH PAVANAM  
B3 ZOOLOGY**

*congratulations to the winners*

26TH JUNE 2021

**INTERNATIONAL DAY AGAINST DRUG  
ABUSE AND ILLICIT TRAFFICKING**



## *Chemistry Association 2021-22*

Department of Chemistry and Centre for Research  
Baselius College, Kottayam

### Patterns Of Nature

INTERDEPARTMENTAL PHOTOGRAPHY COMPETITION



**1ST PRIZE!**

Alby John Cherian  
D3 Economics



**2ND PRIZE!**

Chaithanya Sreenivas  
D3 Chemistry

Abhijith P.  
D2 Physics



**3RD PRIZE!**

Ardra P. Nair  
D3 English



2.2b Inter-Collegiate Competition Organised: NIL

# Chemistry Association 2021-22

## 2.3 Cultural Programme Organised

### Summary :

Sl No	Title of the Programme	Nature of the programme	No. of participants	Links available if any
1	Bye Bye	Farewell to the outgoing batches	112	

### Summary of Reports of each Activity

#### 1. Brochure



## **2. A Brief write-up**

### **Bye Bye**

A farewell for the outgoing 2018-2021 UG and 2019-2021 PG batch was organized on 19/06/2021. In view of covid-19 the pandemic the programme was organized online. Nevin Alexander (D3 Chemistry) welcomed the gathering. Dr. Suma Bino Thomas, Head of the Department, presided over the function. In her presidential address she wished all the best to the outgoing batches and reminded them to stay positive and to look for new opportunities amidst the crisis. Dr. Jintha Thomas, mentor of the D3 class addressed the gathering. Students from outgoing UG and PG batch shared their experiences in the college. This was followed by various fun activities and cultural programmes. Aiswarya T.S (D3 Chemistry) proposed Vote of Thanks. The meeting came to an end by 1 pm.

### **Farewell to Jalaja Miss**

A farewell for Dr. Jalaja J Malayan who was retiring from the department this year was organised on 31/03/2022. She served as the faculty in the department for about 20 years. With about 30 years of teaching, she will retire from the service on 31 May 2022. The programme was organised to also bid adieu to the outgoing UG 2019-2022 and PG 2020-2022 batches.

The programme took place at Mrs. Mammen Mapillai Hall from 9:30 am. Sanjay T Raj of M1 Chemistry welcomed the gathering. Dr. Suma Bino Thomas, Head of the Department presided over the function. In her presidential address she recollected the cherished moments she spent with Jalaja Teacher as a junior in the university and as a colleague in the department. She wished her happiness and peaceful retirement life. She also wished all the best to outgoing batches. From teachers Jinu Mathew and Christina Mariam Mathew offered felicitations and shared their

experiences with Jalaja Teacher. From outgoing batches, Nickson Thomas (M2 representative) and Aiswarya T.S (D3 Representative) shared their experience in college and with Jalaja Teacher. Later, Dr. Jalaja J Malayan addressed the gathering and shared her experiences. This was followed by various fun activities and cultural programmes. Nandini Menon (M1 Chemistry) proposed Vote of Thanks. The meeting came to an end by 1 pm.

## *Chemistry Association 2021-22*

### **Participant Details**

<b>Sl. No.</b>	<b>Name of the student</b>	<b>Class</b>
1	AJIN MANOJ	D3Chemistry (2018-2021)
2	ARJUN KUNJUMON	D3Chemistry (2018-2021)
3	HARISHKUMAR K K	D3Chemistry (2018-2021)
4	MEENU SUDARSANAN	D3Chemistry (2018-2021)
5	NIRANJANA V RENJAN	D3Chemistry (2018-2021)
6	RAHULMON A R	D3Chemistry (2018-2021)
7	SYAMILY T P	D3Chemistry (2018-2021)
8	VISHNU SHANKAR	D3Chemistry (2018-2021)
9	ALEEN ANTONY	D3Chemistry (2018-2021)
10	ANUJA SARA REJI	D3Chemistry (2018-2021)
11	ASWINI V V	D3Chemistry (2018-2021)
12	DEVIKA M K	D3Chemistry (2018-2021)
13	GADHA RAJESH	D3Chemistry (2018-2021)
14	GAYATHRI JAYARAJ	D3Chemistry (2018-2021)
15	LINTA LUKOSE	D3Chemistry (2018-2021)
16	LIYA LALAN	D3Chemistry (2018-2021)
17	MEERA ROY	D3Chemistry (2018-2021)
18	NAMITHA SARATH	D3Chemistry (2018-2021)
19	NANDAKRISHNA	D3Chemistry (2018-2021)
20	NANDANA SAILESH	D3Chemistry (2018-2021)

## *Chemistry Association 2021-22*

21	SREYA PHILIP	D3Chemistry (2018-2021)
22	TREESA SATHEESH	D3Chemistry (2018-2021)
23	HRIDYA SURESH	D3Chemistry (2018-2021)
24	JOEL MATHEW JACOB	D3Chemistry (2018-2021)
25	PARVATHY BABU	D3Chemistry (2018-2021)
26	RUZAINA KABEER	D3Chemistry (2018-2021)
27	VIJAY PRAKASH	D3Chemistry (2018-2021)
28	JITHY M JOY	D3Chemistry (2018-2021)
29	SANDRA SURESH	D3Chemistry (2018-2021)
30	AJAY K MATHEW	D3Chemistry (2018-2021)
31	ADARSH REJI	D3Chemistry (2018-2021)
32	AHMED HAROON K.M	D3Chemistry (2018-2021)
33	AKSHITHA SATHYADAS	D3Chemistry (2018-2021)
34	ANJANA S NAIR	D3Chemistry (2018-2021)
35	ANNA RAJU	D3Chemistry (2018-2021)
36	ELSA SHEEBA RAJU	D3Chemistry (2018-2021)
37	MAHALAKSHMI R	D3Chemistry (2018-2021)
38	NAYANA P DAS	D3Chemistry (2018-2021)
39	ALEX VARGHESE	D3Chemistry (2018-2021)
40	ANJALY ANN ABRAHAM	D3Chemistry (2018-2021)
41	HENA MARIAM THOMAS	D3Chemistry (2018-2021)
42	JESSLY KURIAN	D3Chemistry (2018-2021)
43	RIYA RACHAL ABRAHAM	D3Chemistry (2018-2021)
44	EDISON ABRAHAM	D3 Chemistry
45	AARSHA MARIA JOSEPH	D3 Chemistry
46	AKHIL LEKSHMANAN	D3 Chemistry
47	CHITHRA C.S.	D3 Chemistry
48	DEVIKA S	D3 Chemistry
49	DINESH S	D3 Chemistry

## *Chemistry Association 2021-22*

50	FREDDY THOMAS	D3 Chemistry
51	KARTHIKA SUNIL	D3 Chemistry
52	KAUSALYA R	D3 Chemistry
53	NEVIN ALEXANDER	D3 Chemistry
54	SANDRAMOL K.S.	D3 Chemistry
55	SANJANA SASANKAN	D3 Chemistry
56	SHARON S. KUNNATH	D3 Chemistry
57	SURAJ SHAJAN	D3 Chemistry
58	ANJITHA PRASAD	D3 Chemistry
59	ANNMARIYA PETER	D3 Chemistry
60	ANTO VARGHESE AJI	D3 Chemistry
61	ATHIRA MADHU	D3 Chemistry
62	CHAITHANYA SREENIVAS	D3 Chemistry
63	DEVIKA P. DEEPAK	D3 Chemistry
64	FOUSIYAMOL K.K.	D3 Chemistry
65	JANEESHA MADHU	D3 Chemistry
66	JERRY ISSAC	D3 Chemistry
67	KARTHIKA SURESH	D3 Chemistry
68	KAVYA K.S.	D3 Chemistry
69	MALAVIKA PRASAD	D3 Chemistry
70	PARVATHY SANTHOSH	D3 Chemistry
71	SEEYAMOL ABRAHAM	D3 Chemistry
72	SWATHI SAJIKUMAR	D3 Chemistry
73	AISWARYA T.S.	D3 Chemistry
74	ANJALI SATHEESH NAIR	D3 Chemistry
75	ASHNA BABU	D3 Chemistry
76	CHRISTY JOHNY	D3 Chemistry
77	DIYA SUSAN MATHEW	D3 Chemistry
78	GAYATHRY C.P.	D3 Chemistry
79	JIFFIN VARGHESE OOMMEN	D3 Chemistry
80	LIYA ANN JACOB	D3 Chemistry
81	NEZREEN NAUSHAD	D3 Chemistry
82	SEEYAMOL ABRAHAM	D3 Chemistry
83	NICKSON THOMAS	M2 CHEMISTRY
84	DONA TOM	M2 CHEMISTRY
85	POOJA ASHOK	M2 CHEMISTRY
86	SOURAG KK	M2 CHEMISTRY
87	SREYA ANN PIOUS	M2 CHEMISTRY
88	REMESH P S	M2 Chemistry (2019-2021)



## *Chemistry Association 2021-22*

89	ALEENA ELIZABETH THOMAS	M2 Chemistry (2019-2021)
90	ANJALI PREM PRAKASH	M2 Chemistry (2019-2021)
91	ANJANA B	M2 Chemistry (2019-2021)
92	ANJU JOSEPH	M2 Chemistry (2019-2021)
93	MALAVIKA G	M2 Chemistry (2019-2021)
94	MANJU MANOHARAN	M2 Chemistry (2019-2021)
95	BHAGYA AJAYAN	M2 Chemistry (2019-2021)
96	ANU JOSEPH	M2 Chemistry (2019-2021)
97	AMAL PRASAD	M2 Chemistry (2019-2021)
98	MELBIN MICHAEL	M2 Chemistry (2019-2021)
99	GREESHMA ROY	M2 Chemistry (2019-2021)
100	JEETHU GEORGE	M2 Chemistry (2019-2021)
101	LITHO SUSAN JOHN	M2 Chemistry (2019-2021)
102	RESHMA R NAIR	M2 Chemistry (2019-2021)
103	AJISH KURIAN DANIEL	M2 Chemistry (2019-2021)
104	GIYA MERLINE KURIAKOSE	M2 Chemistry (2019-2021)
105	ARYA R KURUP	M2 Chemistry (2019-2021)
106	BINU SEBASTIAN	M2 Chemistry (2019-2021)
107	Jissmon S	M2 Chemistry
108	Aparna P.L	M2 Chemistry
109	Aiswarya Treesa	M2 Chemistry
110	Silpa Autgustine	M2 Chemistry
111	Bincy T Benny	M2 Chemistry
112	Sandra V.S	M2 Chemistry

Sl.No	Student Name	Class
1	ABHIDEV T K	M1 Chemistry
2	ADITHI S	M1 Chemistry
3	ADWAITHA S	M1 Chemistry
4	ANANDU SURESH	M1 Chemistry
5	ANJANA SAJEEV	M1 Chemistry

## *Chemistry Association 2021-22*

6	ANSU MARIAM JOHNSON	M1 Chemistry
7	AYANA ANAND	M1 Chemistry
8	DEEPNA T V	M1 Chemistry
9	DIYA M P	M1 Chemistry
10	HENA MARIAM THOMAS	M1 Chemistry
11	HONEYMOL CHERIAN	M1 Chemistry
12	LAKSHMI SUBHASH	M1 Chemistry
13	MEGHA SUDHAKARAN	M1 Chemistry
14	NANDANA RAJ	M1 Chemistry
15	NANDINI MENON	M1 Chemistry
16	NAVYA ANN BINU	M1 Chemistry
17	REENU ROY	M1 Chemistry
18	SANJAY C P	M1 Chemistry
19	SHILPA MERIN MATHEW	M1 Chemistry
20	ABHIJITH K SAJU	D1 Chemistry
21	ADITHYA K SUMESH	D1 Chemistry
22	AJAY SANIL	D1 Chemistry
23	AKSHAYA SUSAN PHILIP	D1 Chemistry
24	AMAL RAJU	D1 Chemistry
25	ANISHA JOJO	D1 Chemistry
26	ANJU CHERIAN	D1 Chemistry
27	ARATHY.P.S	D1 Chemistry
28	ASHISHA BOBBY	D1 Chemistry
29	BHAVYA P V	D1 Chemistry
30	CHRISTY SHAJI	D1 Chemistry
31	DAWN M ZACHARIA	D1 Chemistry
32	DAYAL NS	D1 Chemistry
33	Febin A Thampi	D1 Chemistry
34	Geethu Krishna	D1 Chemistry
35	Gouri Nandana Baiju	D1 Chemistry
36	Harisankar T. Anil	D1 Chemistry
37	LAKSHMI M	D1 Chemistry
38	NAADIYA NARAYANAN V	D1 Chemistry
39	NANDANA SUNIL	D1 Chemistry
40	PREETHA PS	D1 Chemistry
41	S HRISHIKESH	D1 Chemistry
42	SANJAY T RAJ	D1 Chemistry
43	SIDDARTH HARIKUMAR	D1 Chemistry
44	SREELEKHA.P.S	D1 Chemistry
45	SREERAJ S	D1 Chemistry
46	SULFIYA	D1 Chemistry
47	VIVEK JOY THOMAS	D1 Chemistry
48	EDISON ABRAHAM	D3Chemistry
49	AARSHA MARIA JOSEPH	D3Chemistry
50	AKHIL LEKSHMANAN	D3Chemistry
51	CHITHRA C.S.	D3Chemistry
52	DEVIKA S	D3Chemistry
53	DINESH S	D3Chemistry
54	FREDDY THOMAS	D3Chemistry
55	KARTHIKA SUNIL	D3Chemistry
56	KAUSALYA R	D3Chemistry
57	NEVIN ALEXANDER	D3Chemistry

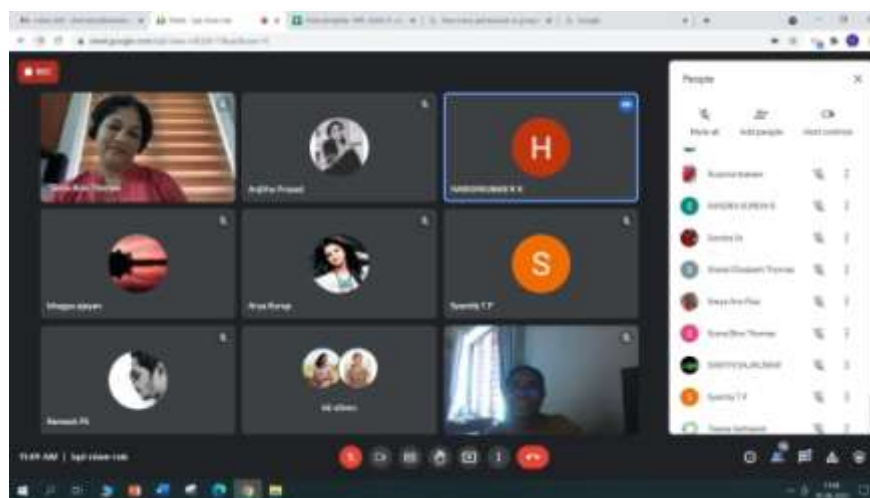
## *Chemistry Association 2021-22*

58	SANDRAMOL K.S.	D3Chemistry
59	SANJANA SASANKAN	D3Chemistry
60	SHARON S. KUNNATH	D3Chemistry
61	SURAJ SHAJAN	D3Chemistry
62	ANJITHA PRASAD	D3Chemistry
63	ANNMARIYA PETER	D3Chemistry
64	ANTO VARGHESE AJI	D3Chemistry
65	ATHIRA MADHU	D3Chemistry
66	BALU MAHENDRA	D3Chemistry
67	CHAITHANYA SREENIVAS	D3Chemistry
68	DEVIKA P. DEEPAK	D3Chemistry
69	FOUSIYAMOL K.K.	D3Chemistry
70	JANEESHA MADHU	D3Chemistry
71	JERRY ISSAC	D3Chemistry
72	KARTHIKA SURESH	D3Chemistry
73	KAVYA K.S.	D3Chemistry
74	MALAVIKA PRASAD	D3Chemistry
75	PARVATHY SANTHOSH	D3Chemistry
76	SEYAMOL ABRAHAM	D3Chemistry
77	SWATHI SAJIKUMAR	D3Chemistry
78	AISWARYA T.S.	D3Chemistry
79	ANJALI SATHEESH NAIR	D3Chemistry
80	ASHNA BABU	D3Chemistry
81	CHRISTY JOHNY	D3Chemistry
82	DIYA SUSAN MATHEW	D3Chemistry
83	GAYATHRY C.P.	D3Chemistry
84	JIFFIN VARGHESE OOMMEN	D3Chemistry
85	LIYA ANN JACOB	D3Chemistry
86	NEZREEN NAUSHAD	D3Chemistry
87	RAJASREE R.	D3Chemistry
88	ABHIJITH S PRAHLAD	D2 Chemistry
89	AJAY VILAS	D2 Chemistry
90	AKHILA S	D2 Chemistry
91	ALEN MATHEW	D2 Chemistry
92	ANEETA ANN VARGHESE	D2 Chemistry
93	ANJALY ANILKUMAR	D2 Chemistry
94	ANJU ELZA BENNY	D2 Chemistry
95	ANWIN BIJU	D2 Chemistry
96	ANZAL S	D2 Chemistry
97	ARAVIND. K	D2 Chemistry
98	ARYA .KR	D2 Chemistry
99	ASHKAR C RAZAK	D2 Chemistry
100	ASHOK BHAI GAUTAM	D2 Chemistry
101	BINISREE PS	D2 Chemistry
102	CHINNU MICHAEL	D2 Chemistry
103	DAYA. S.DILEEP	D2 Chemistry
104	DEVIKA BIJU	D2 Chemistry
105	ELIZABETH GABRIEL	D2 Chemistry
106	FASNA C I	D2 Chemistry
107	JAYALAKSHMI V.R	D2 Chemistry
108	KASTHOORI.S.R.	D2 Chemistry
109	LAKSHMI SANTHOSH	D2 Chemistry

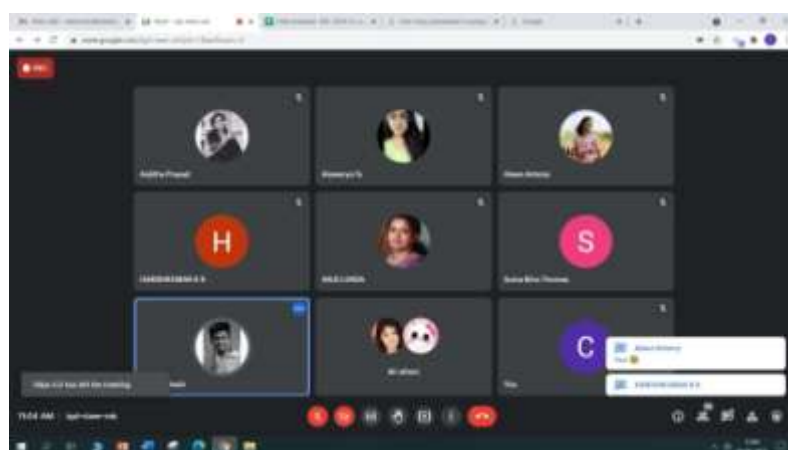
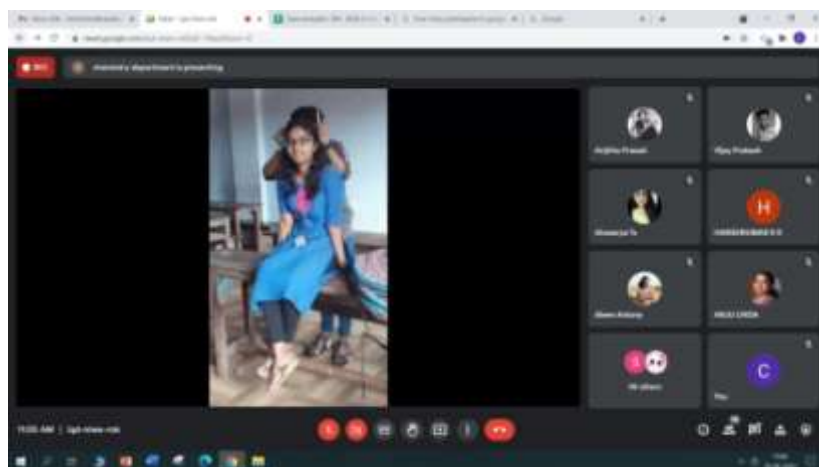
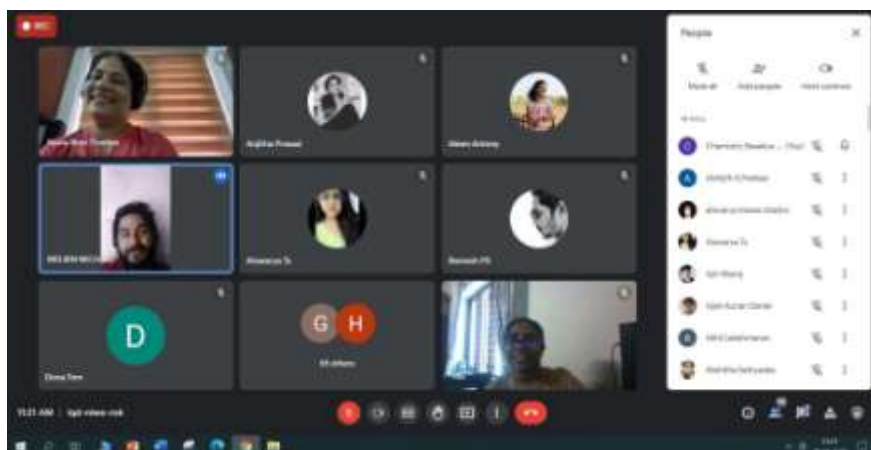
## *Chemistry Association 2021-22*

110	LIYA VARUGHESE	D2 Chemistry
111	MARIYA BIJU	D2 Chemistry
112	NANDHANA BABU	D2 Chemistry
113	NAYANA DAS P	D2 Chemistry
114	PARVATHY KT	D2 Chemistry
115	PRABHUL PRADEEP	D2 Chemistry
116	PRAVEENA K	D2 Chemistry
117	RENJANA P REJIMON	D2 Chemistry
118	RESHMA M	D2 Chemistry
119	RIYAMOL KURIAKOSE	D2 Chemistry
120	SANDRA SURESH S	D2 Chemistry
121	SHIBINSHA S	D2 Chemistry
122	SNEHA THOMAS	D2 Chemistry
123	SOJIN SAJI	D2 Chemistry
124	SREEDARSANA P	D2 Chemistry
125	SREEKANTH SARMA P	D2 Chemistry
126	SREENATH H	D2 Chemistry
127	SREYA ANN PIUS	M2 Chemistry
128	NEHA ANNA IPE	M2 Chemistry
129	M S APARNA	M2 Chemistry
130	AISWARYA TRESSA CHACKO	M2 Chemistry
131	GAYATHRI MOHAN	M2 Chemistry
132	POOJA ASHOK	M2 Chemistry
133	NIVYA RAJ I R	M2 Chemistry
134	SOURAG K K	M2 Chemistry
135	NICKSON THOMAS	M2 Chemistry
136	ASHMITHA ABRAHAM	M2 Chemistry
137	SILPA AUGUSTINE	M2 Chemistry
138	APARNA P L	M2 Chemistry
139	JISSMON S	M2 Chemistry
140	DONA TOM	M2 Chemistry
141	BINCY T BENNY	M2 Chemistry
142	SANDRA V S	M2 Chemistry
143	ANEESHA KS	M2 Chemistry
144	LEYA ELSA GEORGE	M2 Chemistry

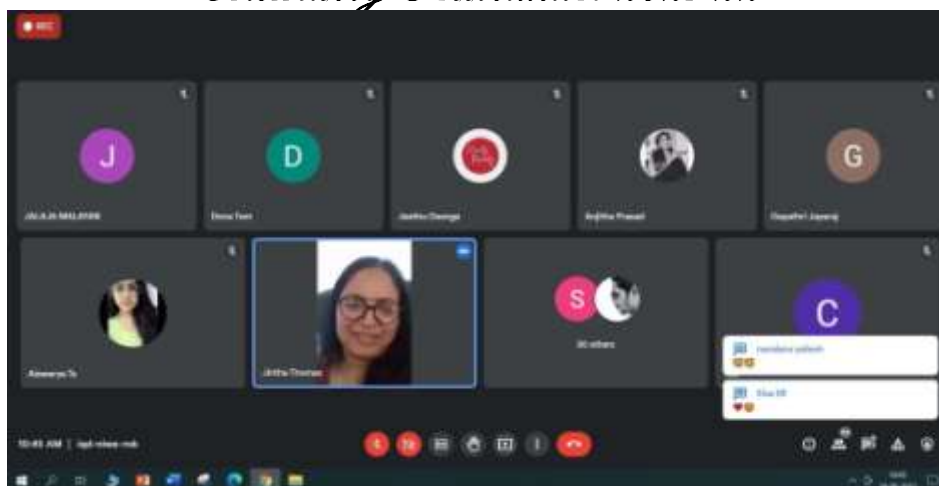
### 3. Photos/Screenshots etc.



# Chemistry Association 2021-22



## *Chemistry Association 2021-22*



### 2.4 Extension/Outreach Programme Organised: 0

### 2.5 Skill Development Programme/ Courses Organised

#### Summary :

Sl No	Title of the Programme	Nature of the programme	No. of participants	Link
1.	Fundamentals of Polymer Synthesis and Characterization techniques	In association with CIPET, Palakkad	26	<a href="https://drive.google.com/file/d/15eitqGS2ebHV-L_gODLIYANFKjXuKvvM/view">https://drive.google.com/file/d/15eitqGS2ebHV-L_gODLIYANFKjXuKvvM/view</a>
2.	Virtual Training Programme	In association with Learn to Upgrade recognized by DBT	27	



## Summary of Reports of each Activity

### 1. Brochure

**Virtual Training Program**  
Organised by  
**BASELIUS COLLEGE**  
Kottayam, Kerala 686001  
In Association with  
**Learntoupgrade**  
**(Department of Chemistry)**

**Available Certification Course:**

- Cheminformatics & It's Application in Research & Drug Industry
- The Organic Chemistry of Drug Design and Discovery
- Molecular Modelling Online Certification Course
- Computer Aided Drug Design/Discovery
- Forensic science
- Advance Molecular Docking
- Structural Bioinformatics
- Molecular & Chromatography tools-techniques
- Recombinant DNA technology and Genetic Engineering
- Genetic engineering using Crispr Technology

**Highlights:**

- ✓ Live Interactive Session
- ✓ Post the session, recording will also be available with lifetime access
- ✓ Certificate will also be offered
- ✓ Q&A at the end of each session
- ✓ Two credit point on each course

**Duration & Fee**

1 Month Internship Training:  
(Registration Fee, 2596/- INR)

**Faculty Coordinator:**

Name: Dr. Suma Bino Thomas  
Designation: Associate Professor & HOD  
Phone no: 91 9446125353

For More Details Call On:- +91 7290079907/ 9289128356

Follow us:

### 2. A Brief write-up

1. A training programme was given to the students on “Fundamentals of Polymer Synthesis and Characterization techniques” in association with Central Institute of Petrochemicals Engineering and Technology, Palakkad. An orientation programme was given to the D3 students and M2 students on 2-09-2021 about CIPET. The interested students were motivated to join the training programme of 24 hours from 15-09-2021 to 25-09-2021. Insight of covid -19 pandemic the training programme was conducted in the digital platform. Resource Persons from CIPET took the classes and gave an introductory idea on polymer synthesis and characterization. 25 students from D3 and M2 classes attended the programme.

2. A virtual training programme was organized in association with Learn to Upgrade. The programme is recognized by DBT and NSDC. 10 different courses on varied and hot topics such as genetic engineering, computational aided drug discovery, molecular docking, bioinformatics, chromatographic techniques etc were offered. The programme was for 1 month. Students from all the D3, M1 and M2 classes actively participated in this virtual training programme.

## *Chemistry Association 2021-22*

### **CIPET Training Programme**

<b>Sl.No.</b>	<b>Name of the student</b>	<b>Class</b>
1	DIYA SUSAN MATHEW	D3 Chemistry
2	ANJITHA PRASAD	D3 Chemistry
3	CHAITHANYA SREENIVAS	D3 Chemistry
4	CHRISTY JOHNY	D3 Chemistry
5	RESHMA R NAIR	D3 Chemistry
6	AISWARYA T.S	D3 Chemistry
7	AARSHA MARIA JOSEPH	D3 Chemistry
8	AISEARYA T.S	D3 Chemistry
9	CHITHRA CS	D3 Chemistry
10	ASHAN BABU	D3 Chemistry
11	KARTHIKA SUNIL	D3 Chemistry
12	DEVIKA P DEEPAK	D3 Chemistry
13	SEELYAMOL ABRAHAM	D3 Chemistry
14	SWATHI SAJIKUMAR	D3 Chemistry
15	KAVYA K.S	D3 Chemistry
16	LIYA ANN JACOB	D3 Chemistry
17	ANJALY SATHEESH NAIR	D3 Chemistry
18	ANN MARIYA PETER	D3 Chemistry
19	KARTHIKA SURESH	D3 Chemistry
20	GAYATHRI C.P	D3 Chemistry
21	SREYA ANN PIUS	M2 Chemistry
22	SANDRAMOL K.S	M2 Chemistry

## *Chemistry Association 2021-22*

23	DONA TOM	M2 Chemistry
24	AISWARYA TREESA CHACKO	M2 Chemistry
25	M S APARNA	M2 Chemistry
26	ANEESHA KS	M2 Chemistry

### Virtual Training Programme in association with Learn to Upgrade

Student Name	Course opted
<b>M1</b>	
Nandana Raj	Food Science, Recombinant DNA Technology and Genetic Engineering
Adwaita	Forensic Science, Food microbiology
Adithi S	Forensic Science, Food microbiology
Anjana Sajeev	Forensic Science, Food microbiology
Deepna T V	Forensic Science, Food microbiology
Abhidev TK	Forensic Science, Food microbiology
Anandhu Suresh	Food microbiology
Sanjay LP	Forensic Science, Food microbiology
Hena Mariam Thomas	Clinical research, Forensic Science
Reenu Roy	Bioinformatics, Computer Aided Drug design
Diya MP	Forensic Science, Food microbiology
Megha Sudhakaran	Forensic Science, Food microbiology
Navya Ann Biju	Forensic science, nanomaterial and nanocomposite certification
Honeymol Cherian	Artificial Intelligence in health care, Computer Aided drug design and discovery
<b>M2</b>	
Neha Anna Ipe	Forensic Science, Nanobiomedicine
Aiswarya Tressa chacko	Forensic Science, Nanobiomedicine
M S Aparna	Forensic Science, Nanobiomedicine
Silpa Augustine	Forensic Science, Nanobiomedicine
Sreya Ann pius	Cheminformatics and its application in research and drug industry, Computer aided drug design/discovery
Jissmon	Cheminformatics and its application in research and drug industry, Computer aided drug design/discovery
Nickson Thomas	Cheminformatics and its application in research and drug industry, Computer aided drug design/discovery
Leya Elsa	Cheminformatics and its application in research and drug industry, Computer aided drug design/discovery

## *Chemistry Association 2021-22*

Aneesha K.S	Forensic science, Cheminformatics and its application in research and drug industry
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<b>D3</b>	
Anjali Satheesh Nair	Nanobiomedicine and food microbiology
Swathi Sajikumar	Nanobiomedicine and food microbiology
Karthika Suresh	Nanobiomedicine and food microbiology
Devika P Deepak	Nanobiomedicine and food microbiology

### 3. Photos/Screenshots etc.



# Chemistry Association 2021-22

 **CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)**  
(Formerly Central Institute of Plastics Engineering & Technology)  
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)  
HEAD OFFICE : GUINDY, CHENNAI - 600 032.

CENTRE: CIPET-PALAKKAD Certificate No.: A 151713

**CERTIFICATE**  
*This is to certify that*  
Shri / Smt. / Ms. **CHAITHANYA SREENIVAS**  
S/o / D/o / W/o **Shri. Sreenivasan M.K.**  
*has successfully completed the training programme titled*  
**Fundamentals of Polymer Synthesis and Characterization Techniques**  
*Organized at CIPET-Palakkad from 15.09.2021 to 25.09.2021 (24 Hrs)*

Date: 25.09.2021 COURSE COORDINATOR TRAINING IC - VTC CENTRE HEAD

 **CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)**  
(Formerly Central Institute of Plastics Engineering & Technology)  
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)  
HEAD OFFICE : GUINDY, CHENNAI - 600 032.

CENTRE: CIPET-PALAKKAD Certificate No.: A 151663

**CERTIFICATE**  
*This is to certify that*  
Shri / Smt. / Ms. **M.S. APARNA**  
S/o / D/o / W/o **Shri. M.S. Sudheer Kumar**  
*has successfully completed the training programme titled*  
**Fundamentals of Polymer Synthesis and Characterization Techniques**  
*Organized at CIPET-Palakkad from 15.09.2021 to 25.09.2021 (24 Hrs)*

Date: 25.09.2021 COURSE COORDINATOR TRAINING IC - VTC CENTRE HEAD

## *Chemistry Association 2021-22*

**CIPET** CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)  
(Formerly Central Institute of Petrochemical Engineering & Technology)  
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)  
HEAD OFFICE : GUINDY, CHENNAI - 600 032.

CENTRE: CIPET-PALAKKAD Certificate No.: A 151709

**CERTIFICATE**  
*This is to certify that*  
**RESHMA R NAIR**  
*Shri / Smt. / Mr.*  
*Shri. Rajesh Kumar G S*  
*has successfully completed the training programme titled*  
**Fundamentals of Polymer Synthesis and Characterization Techniques**  
*Organized at CIPET-Palakkad from 15.09.2021 to 25.09.2021 (24 Hrs)*

25.09.2021

COURSE COORDINATOR      TRAINING IC - VTC      CENTRE HEAD

**CIPET** CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)  
(Formerly Central Institute of Petrochemical Engineering & Technology)  
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)  
HEAD OFFICE : GUINDY, CHENNAI - 600 032.

CENTRE: CIPET-PALAKKAD Certificate No.: A 151681

**CERTIFICATE**  
*This is to certify that*  
**ANNMARIYA PETER**  
*Shri / Smt. / Mr.*  
*Shri. Peter P.J.*  
*has successfully completed the training programme titled*  
**Fundamentals of Polymer Synthesis and Characterization Techniques**  
*Organized at CIPET-Palakkad from 15.09.2021 to 25.09.2021 (24 Hrs)*

Date: 25.09.2021

COURSE COORDINATOR      TRAINING IC - VTC      CENTRE HEAD



# Chemistry Association 2021-22



## *Chemistry Association 2021-22*



2.6 Certificate Course Conducted, if any: NIL

**2.7 Student Participation and Achievement – Outside College**

*( Softcopy of certificates to be attached)*

**M2 Chemistry**

Sl No	Name of Student	Name of Training/Course Attended
1	Aiswarya Treesa Chacko	<p>*Has attended SWAYAM-NPTEL Course on “Biological Inorganic Chemistry “and completed the course with a consolidated score of 81%</p> <p>*Has attended skill development training programme sponsored by CIPET Palakkad on the topic “Fundamentals of Polymer Synthesis and Characterization” from 15/09/2021 to 25/09/2021</p> <p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
2	Aneesha K S	<p>*Has attended SWAYAM-NPTEL Course on “Stereochemistry “and completed the course with a consolidated score of 45%</p> <p>*Has attended skill development training programme sponsored by CIPET Palakkad on the topic “Fundamentals of Polymer Synthesis and Characterization” from 15/09/2021 to 25/09/2021</p> <p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
3	Aparna P L	<p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
4	Bincy T Benny	<p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
5	Dona Tom	<p>*Has attended skill development training programme sponsored by CIPET Palakkad on the topic “Fundamentals of Polymer Synthesis and</p>

## *Chemistry Association 2021-22*

		<p>Characterization” from 15/09/2021 to 25/09/2021</p> <p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
6	Gayathri Mohan	<p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
7	Jissmon S	<p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
8	Leya Elsa George	<p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
9	M S Aparna	<p>*Has attended SWAYAM-NPTEL Course on “Biological Inorganic Chemistry “and completed the course with a consolidated score of 72%</p> <p>*Has attended skill development training programme sponsored by CIPET Palakkad on the topic “Fundamentals of Polymer Synthesis and Characterization” from 15/09/2021 to 25/09/2021</p> <p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
10	Neha Anna Ipe	<p>*Has attended SWAYAM-NPTEL Course on “Mechanisms in Organic Chemistry “and completed the course with a consolidated score of 61%</p> <p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
11	Nickson Thomas	<p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during June 2021 to December 2021 in the online mode</p>
12	Nivya Raj I R	<p>*Has attended SWAYAM-NPTEL Course on “Stereochemistry “and completed the course with a consolidated score of 44%</p> <p>*Has completed the thirty hours value added course in “Computational Quantum Chemistry” held during</p>

## *Chemistry Association 2021-22*

		June 2021 to December 2021 in the online mode
13	Pooja Ashok	*Has attended SWAYAM-NPTEL Course on “Dairy and Food Processing and Products Technology” and completed the course with a consolidated score of 62%
14	Sr.Silpa Augustine	*Has completed the thirty hours value added course in “Computational Quantum Chemisrty” held during June 2021 to December 2021 in the online mode
16	Sreya Ann Pius	<p>*Has attended SWAYAM-NPTEL Course on “Stereochemistry” and completed the course with a consolidated score of 53%</p> <p>*Has attended skill development training programme sponsored by CIPET Palakkad on the topic “Fundamentals of Polymer Synthesis and Characterization” from 15/09/2021 to 25/09/2021</p> <p>*Has completed the thirty hours value added course in “Computational Quantum Chemisrty” held during June 2021 to December 2021 in the online mode</p>

### OTHER PROGRAMMES PARTICIPATED

Sl No	Name of Student	Programme Attended
1	Aparna P L	<p>*Has taken the “Say Yes to Life, No to Drugs” Pledge and committed herself to consciously cooperate in stopping drug abuse and stay away from drugs to live a healthy life</p> <p>*Has successfully participated in “RASHTRAGAAN” initiated by the ministry of culture to mark AZADI KA AMRIT MAHOTSAV</p> <p>*Has completed National Level Quiz on “Ozone Day 2021” with 100% mark conducted by St.Xavier’s College for Women Aluva on 16/09/2021</p>
2	Bincy T Benny	Has successfully participated in “RASHTRAGAAN” initiated by the ministry of culture to mark AZADI KA AMRIT MAHOTSAV

## *Chemistry Association 2021-22*

3	Dona Tom	Has successfully participated in “RASHTRAGAAN” initiated by the ministry of culture to mark AZADI KA AMRIT MAHOTSAV
4	Gayathri Mohan	Has successfully participated in “RASHTRAGAAN” initiated by the ministry of culture to mark AZADI KA AMRIT MAHOTSAV
5	M S Aparna	Has successfully participated in “RASHTRAGAAN” initiated by the ministry of culture to mark AZADI KA AMRIT MAHOTSAV
6	Nickson Thomas	Has successfully participated in “RASHTRAGAAN” initiated by the ministry of culture to mark AZADI KA AMRIT MAHOTSAV
7	Pooja Ashok	Has successfully participated in “RASHTRAGAAN” initiated by the ministry of culture to mark AZADI KA AMRIT MAHOTSAV
8	Sreya Ann Pius	Has successfully participated in “RASHTRAGAAN” initiated by the ministry of culture to mark AZADI KA AMRIT MAHOTSAV

## **OTHER ACHIEVEMENTS**

### **INSIDE COLLEGE**

<b>Sl No</b>	<b>Name of Student</b>	<b>Achievement</b>
1	Dona Tom	Has achieved second position in “Recitation Malayalam” in College Arts Fest

### **OUTSIDE COLLEGE**

<b>Sl No</b>	<b>Name of Student</b>	<b>Achievement</b>
1	Leya Elsa George	Qualified GATE Exam with score 28



# *Chemistry Association 2021-22*

## M1 Chemistry

Inter Collegiate (Outside College)

Student Achievement

Sl. No	Name of the student	Programs participated	Date of the program	Position or prize achieved	Whether certificate attached
1	Reenu Roy	(1) Mono Act, M G university Kalolsavam 2022	2/4/2022	A grade	No
		(2) Malayalam drama -M G University Nadakolsvam 2022	18/2/2022	Participated	No
2	Ayana Anand	(1) Hindi speech, M G university Kalolsavam 2022	2/4/2022	Participated	No
		(2) Hindi Short story writing ,M G university Kalolsavam 2022	2/4/2022	Participated	No
		(3) Malayalam drama -M G University Nadakolsvam 2022	18/2/2022	Participated	No
3	Sanjay C P	Intercollegiate PowerPoint presentation Competition	4/3/2022	Participated	No

## *Chemistry Association 2021-22*

### **Online courses attended by Learn to Upgrade**

Inside College

Sl.No	Name of the student	Programs participated	Date of the program	Position or prize achieved	Whether certificate attached	
1	Adithi S	Group dance	23/03/2022	Third	No	
2	Ayana Anand	(1)Hindi Speech	10/03/2022	First	No	
		(2)Hindi short story writing	10/03/2022	First	No	

## *Chemistry Association 2021-22*

		(3)Hindi essay writing	11/03/2022	Second	No	
		(4)Hindi poem writing	10/03/2022	Second	No	
3	Reenu Roy	Mono Act	22/03/2022	First	No	
4	Deepna T V	Hair style (female)	23/03/2022	First	No	
5	Nandana Raj	Collage	11/03/2022	Second	No	
6	Hena Mariam Thomas	English Recitation	11/03/2022	Third	No	

### D3 Chemistry

#### Outside College

Sl.No	Name of the student	Programs participated	Date of the program	Position or prize achieved	Whether certificate attached
1	Aiswarya T. S.	Participated in Intercollegiate Quiz 'Justice League' by NSS Unit No.5,Baselius College, Kottayam			Yes
2	Swathi Sajikumar	Participated in Intercollegiate Quiz 'Justice League' NSS Unit No.5, Baselius College,yam			Yes

## *Chemistry Association 2021-22*

		Participated and secured more than 90% in the "Online Quiz" conducted by the Quiz club in association with IQAC on the occasion of 73 <sup>rd</sup> Republic Day of India on 26 January 2022 conducted by Saint Gits College of Applied Sciences, Kottayam	26 January 2022		Yes
3	Liya Ann Jacob	Participated in Elocution (English) competition in connection with MGOCSM Kalamela	2 October 2022	First prize	Yes
3	Devika P Deepak	Participated in the Grand Finale of Vande Bharatam Nirtya Utsav 2021 at New Delhi representing the college team.	19 December 2021		No
		Selected for the award of Certificate of Appreciation for her outstanding performance as NSS Volunteer during 2020-21 by Mahatma Gandhi University			Yes
		Participated in 'Margamkali' in connection with University Youth	1 April 2022-5 April 2022		No

## *Chemistry Association 2021-22*

		Festival held at Pathanamthitta			
4.	Chithra C.S.	Participated in 'Margamkali' in connection with University Youth Festival held at Pathanamthitta	1 April 2021-5 April 2022		No
5.	Edison Abraham	Participated in 'Duffmuttu' in connection with University Youth Festival held at Pathanamthitta	1 April 2022-5 April 2022	Third Prize with A grade	No
6.	Anjitha Prasad	Participated in (Annual Training Camp, Combined All Wing Training Camp, Prepara Ground Training Camp, RD preparatory Camp, NCC Republic Day Camp, NIC Camp)	27 December 2021-2 January 2022		Yes

## *Chemistry Association 2021-22*

		NCC camp held at Mangalam College of Engineering, Ettumanoor			
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### Inside College

Sl.No	Name of the student	Programs participated	Date of the program	Position or prize achieved	Whether certificate attached
1	Aiswarya T. S.	Online Quiz by PG department of Commerce (SF) on behalf of International Day against Drug Abuse	26 June 2021		Yes
		'Best Hair' competition in College Arts festival		Third Prize	No
		Story Writing Malayalam in College Arts festival		Third Prize	No
2.	Swathi Sajikumar	Participated in Monthly Quiz conducted by Baselius College	31 July 2021		Yes



## *Chemistry Association 2021-22*

		'Thiruvathira' in College Arts festival		Second Prize	No
3.	Devika P. Deepak	'Thiruvathira' in College Arts festival		Second Prize	No
4.	Chaithanya Sreenivas	'Interdepartmental Photography competition' organized by the Department of Chemistry and Centre for Research, Baselius College, Kottayam		Second Prize	No

### **Inside College**

#### **Seminars/Webinars Attended**

<b>Sl.No</b>	<b>Name of the student</b>	<b>Detail of the seminar</b>	<b>Date of the program</b>	<b>Whether certificate attached</b>
1.	Aiswarya T. S.	Webinar on 'Biodegradable Polymers Derived from Renewable Resource materials' by Department of Chemistry, SRM Institute of Science	7 July 2021	Yes

## *Chemistry Association 2021-22*

		and Technology, Ramapuram Campus, Chennai		
		Three day National Web Workshop on Chemistry Orientation for UG and PG students by Association of teachers and Department of Chemistry, Government General Degree College, Singur in association with Rani Rashmoni Green University	16 July 2021- 18 July 2021	Yes
2.	Swathi Sajikumar	Participated in Three day National Web Workshop on Chemistry Orientation for UG and PG students by Association of Chemistry teachers and the Department of Chemistry, Government General Degree College, Singur in association with Rani Rashmoni Green University	16 July 2021- 18 July 2021	Yes
		Participated in Webinar on Bio degradable Polymers Derived from Renewable Resource Materials by Department of Chemistry, SRM e of Science and Technology, Ramapuram Campus, Chennai	7 July 2021	Yes
		Participated in Webinar on the topic 'Opportunities in higher education for science students organized by KG College, Pampady, Chemistry Association	28 August 2021	Yes

## *Chemistry Association 2021-22*

		Participated in 'Rashtragaan' an initiative by the Ministry of Culture	15 August 2021	Yes
3	Ashna Babu	Participated in Webinar on 'Biodegradable Polymers Derived from Renewable Resource materials' by Department of Chemistry, SRM Institutes of Science and Technology, Ramapuram Campus, Chennai	7 July 2021	Yes
		Participated in Webinar on the topic 'Opportunities in higher education for science students organized by KG college, Pampady, Chemistry Association.	28 August 2021	Yes
		Participated in Three day National Web Workshop on Chemistry Orientation for UG and PG students by Association of Chemistry teachers and the Department of Chemistry, Government General Degree College, Singur in association with Rani Rashmoni Green University	16 July 2021-18 July 2021	Yes
4	Sanjana Sasankan	Participated in Webinar on 'Biodegradable Polymers Derived from Renewable Resource materials' by Department of Chemistry, SRM institute of Science and Technology, Ramapura Campus, Chennai	7 July 2021	Yes

## *Chemistry Association 2021-22*

		Participated in Three day National Web Workshop on Chemistry Orientation for UG and PG students	16 July 2021- 18 July 2021	Yes
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### **CIPET Training Programme:**

Sl.No	Name of the student	Online Course Attended	Date of the program	Position or prize achieved	Whether certificate attached
1.	Ashna Babu	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organized by CIPET, Palakkad	15 September 2021-25 September 2021		Yes
2.	Chaithanya Sreenivas	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organized by CIPET, Palakkad	15 September 2021-25 September 2021		Yes
3.	Christy Johny	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organized by CIPET, Palakkad	15 September 2021-25 September 2021		Yes

## *Chemistry Association 2021-22*

4.	AnnMariya Peter	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organized by CIPET, Palakkad	15 September 2021-25 September 2021		Yes
5.	Aarsha Maria Joseph	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organized by CIPET, Palakkad	15 September 2021-25 September 2021		Yes
6.	Karthika Sunil	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organized by CIPET, Palakkad	15 September 2021-25 September 2021		Yes
7.	Gayathry C. P.	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
8.	Sandramol K. S.	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
9.	Seeyamol Abraham	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
10	Liya Ann Jacob	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at	15 September 2021-25 September 2021		Yes

## *Chemistry Association 2021-22*

		CPET, Palakkad			
11	Aiswarya T. S.	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
12	Kavya K. S.	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
13	Diya Susan Mathew	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
14.	Anjitha Prasad	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
15.	Swathi Sajikumar	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
		3 weeks online certificate program on 'Nano Biomedicine' organized by Learntoupgrade recognized by DBT and NSDC			Yes



## *Chemistry Association 2021-22*

		3 weeks online certificate program on 'Food Microbiology and probiotics' organised by Learntoupgrade Dbt recognized NSDC approved			Yes
16.	Karthika Suresh	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
		3 weeks online certificate program on 'Nano Biomedicine' organized by Learntoupgrade recognized by DBT and NSDC			Yes
		3 weeks online certificate program on 'Food Microbiology and probiotics' organised by Learn to upgrade recognized by DBT and NSDC			Yes
17.	Devika P. Deepak	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
		3 weeks online certificate program on 'Nano Biomedicine' organized by Learn to upgrade recognized by DBT and NSDC			Yes

## *Chemistry Association 2021-22*

		3 weeks online certificate program on 'Food Microbiology and probiotics' organised by Learn to upgrade recognized by DBT and NSDC			Yes
18.	Anjali Satheesh Nair	Training Programme titled 'Fundamentals of Polymer Synthesis and Characterization Techniques' organised at CPET, Palakkad	15 September 2021-25 September 2021		Yes
		3 weeks online certificate program on 'Nano Biomedicine' organized by Learnto upgrade recognized by DBT and NSDC			Yes
		3 weeks online certificate program on 'Food Microbiology and probiotics' organised by Learn to upgrade Dbt recognized NSDC approved			Yes

### **D2 Chemistry**

#### **Outside College**

	Name of the student	Programs participated	Date of the program	Position or prize achieved	Whether certificate attached
1	Liya Varghese	Intercollegiate quiz 'Justice League'	Nil	Nil	Yes
2	Renjana P Rejimon	Intercollegiate quiz Justice League	Nil	Nil	Yes

## *Chemistry Association 2021-22*

3	Sandra Suresh S	Speech competition	26-8-2021	Nil	Yes
4	Renjana prejimon	Participated in RASHTRAGAAN	15-8-2021	Nil	Yes
		Taken AadmaNirbharBhart	30-8-2021	Nil	Yes
		Quiz Competition on Hiroshima day	Nil	Nil	Yes
5	Daya S Dileep	Attended Prof. MV Geroge memorial lecture	Nil	Nil	Yes

### **Inside College**

Sl.N	Name of the student	Programs participated	Date of the program	Position or prize achieved	Whether certificate attached
1	Liya Varghese	Monthly quiz	31-7-2021	Nil	Yes
2	Renjana P Rejimon	Awareness program	1-7-2021	Nil	Yes
		State level one day workshop	10/7/2021	Nil	Yes
3	Akhila S	Pencil drawing Competition	Nil	First	Nil
4	Lakshmi Santhosh	Pencil drawing Competition	Nil	Third	Nil
5	Ashkar C Razak	Quiz Competition	Nil	Third	Nil
		Attended NCC Camp	25-10-2021-31-10-2021	Nil	Yes

## *Chemistry Association 2021-22*

6	Anjali Anilkumar	Attended NCC Camp	25-10-2021-31-10-2021	Nil	Yes
7	Anzal S	Attended NCC camp	25-10-2021-31-10-2021	Nil	Yes
8	Aravind K	Attended NCC Camp	25-10-2021-31-10-2021	Nil	Yes
9	Praveena K	Attended NCC Camp	25-10-2021-31-10-2021	Nil	Yes
10	Sreedarsana p	Attended NSS Camp	20-12-2020 to 26-12-2020	Nil	Yes

### **D1 Chemistry**

Sl.N	Name of the student	Programs participated	Date of the program	Position or prize achieved	Whether certificate attached
1	FEBIN A THAMPI	WESTERN PERCUSSION SOLO (wakeup call22)	April 4	Nil	NO
2	HRISHIKESH S	WESTERN VOCAL SOLO WESTERN GROUP SONG WESTERN STRINGS SOLO	April 3 April 4 April 4	A grade Nil Nil	NO

### **2.8 Any Other activity/point/ initiative worth mentioning (Attach supporting documents)**

#### **(i) World Food Safety Day**

The Department observed World Food Safety Day on 7/6/2021. An awareness video on junk foods and its adverse effects on the health was released. About 600 views were received.

YouTube Link: <https://youtu.be/ZQXxx1mHseM>

## Chemistry Association 2021-22

### (ii) International Day Against Drug Abuse and Illicit Trafficking

The International Day Against Drug Abuse and Illicit Trafficking is marked on 26 June every year to strengthen action and cooperation in achieving the goal of a world free of drug abuse. This year Department of Chemistry released a video to create awareness of the major problems that illicit drugs represent for society and to motivate the students to Say No to Drugs.

YouTube Link: [https://youtu.be/b\\_GM0WAimDk](https://youtu.be/b_GM0WAimDk)

### (iii) Hiroshima Observance Day

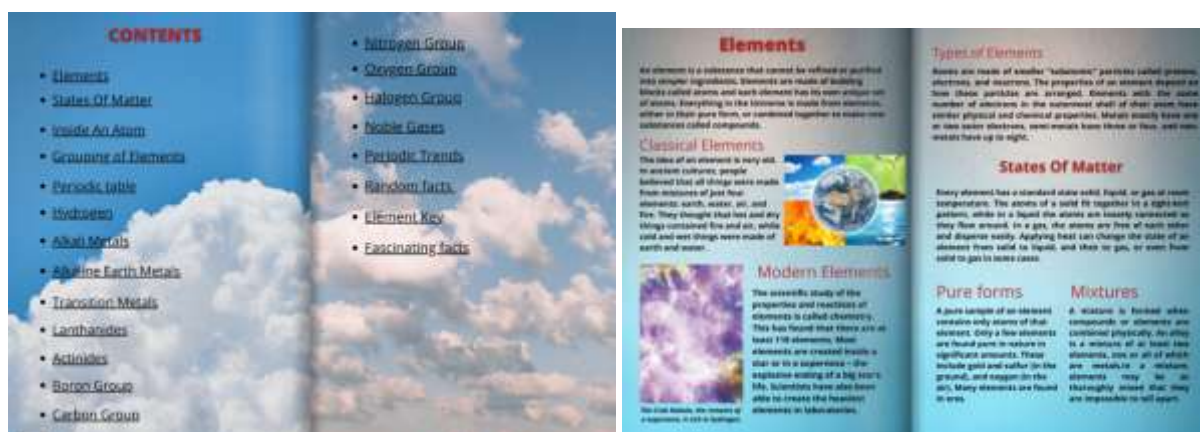
6 August 2021 marks the 76<sup>th</sup> anniversary of the atomic bombing of the Japanese city Hiroshima in the final year of II world war. It was on this day in 1945 US deployed a nuclear bomb in the city of Hiroshima wiping out 39 percent of civilians in the city. 3 days later, on 9 August 1945 another nuclear bomb was detonated in the city of Nagasaki. The Department of Chemistry, Baselius College commemorates Hiroshima Day every year reminding about the atrocities of nuclear warfare and the need to use science and technology in a wise manner. This year a video was released to commemorate the Hiroshima Day.

YouTube Link: <https://youtu.be/LzWB4hvtarg>

### (iv) Release of flipbook on Periodic Table

A flipbook on periodic table was created by D1 students and it was released during the 3 session of curies series on 4 February 2022.

Link: <https://online.fliphtml5.com/oetyt/hpzt/>



# Chemistry Association 2021-22



*Dr. Suma Bino Thomas*

**Dr. Suma Bino Thomas**  
Head of the Department

*Christeena M.*

**Prof. Christeena Mariam Mathew**  
Association In Charge

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Appendix