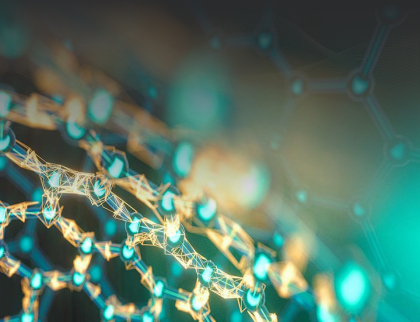


L  ZENGE

2021

BCM COLLEGE, KOTTAYAM

CHEMISTRY ASSOCIATION



LOZENGE 2020-21

CHEMISTRY ASSOCIATION

“There is only one thing that makes a dream impossible to achieve: the fear of failure”

- Paulo Coelho

Even though we are going through the pandemic situations, our association ‘**LOZENGE 2020-21**’ which means ‘Diamond’, shines as a diamond during this academic year. Aim of our association is “ to build up creativity, enrich our knowledge, explore the talents of our students”. We started the activities of our association by seeking blessings from God Almighty in the very beginning of the month of May itself. With that grace we were able to perform our best in this year. So we proudly present the activities of ‘**LOZENGE 2020-21**’ before you.

ASSOCIATION IN-CHARGES

- III D C CHEMISTRY
 1. Aishwarya Shajan
 2. Navia Vinoy
- II D C CHEMISTRY
 1. Gouri Lakshmi R Nair

TEACHERS IN-CHARGE

- III D C CHEMISTRY - Mrs. Jaisy Joy
- II D C CHEMISTRY - Dr. Radhika S
- I D C CHEMISTRY - Dr. Annu Thomas

ARTS CLUB SECRETARY

1. Annu Thomas – III D C CHEMISTRY
2. Amala Soy – II D C CHEMISTRY

MAGAZINE EDITOR

1. Esther Mathew – III D C CHEMISTRY
2. Nandini Menon – III D C CHEMISTRY

**ASSOCIATION
ACTIVITIES
2020-2021**

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1. ACADEMIC PERFORMANCE

A+ HOLDERS FROM THE DEPARTMENT

Miss Anitta Roy, Miss M.S.Aparna, Miss Chithra Anilkumar, Miss Gopika Jayakumar and Miss Sandra Baiju secured overall A+ in the last academic year from the department.



Anitta Roy



M.S.Aparna



Chithra Anilkumar



Gopika Jayakumar



Sandra Baiju

2) SUBJECT ENRICHMENT WEBINARS

i) INTERNATIONAL WEBINARS IN ASSOCIATION WITH IQAC OF THE COLLEGE

Department of Chemistry, Bishop Chulaparambil Memorial College, Kottayam was the **first** to introduce International Webinars in association with IQAC of the college. Various scientific talks were conducted for the students.

1. Webinar By Dr. Binit Lukose

On 2nd June 2020 an International Webinar was conducted by Chemistry Department of Bishop Chulaparambil Memorial College in association with IQAC . The scientific talk was given by Dr. Binit Lukose, Associate Editor, John Wiley & Sons, Hoboken, NJ, USA on the topic 'MATERIAL SIMULATIONS'. Dr. Binit explained the new materials and mechanisms developed as a result of computational chemistry. **One hundred and seventy two** members attended the programme.



Participants list

<https://docs.google.com/spreadsheets/d/1He0pElsTnMreokmbvryaWMGWK9gn3MhHq5hMIUtQ7b4/edit?usp=sharing>

Recording- <https://drive.google.com/file/d/1Y-LLinZ7IGflA6QYkWHpwUuvQ1JCwbrX/view?usp=sharing>

2. Webinar By Dr. Joanna.K. Bendyna

Chemistry Department Of BCM College in association with IQAC of BCM College conducted a scientific talk on 4th July 2020 which was given by Dr. Joanna.K. Bendyna, Muirhead R & D and Business Development Manager Mintres BV, The Netherlands, on the topic 'FROM A NOVEL CONCEPT TO A COMMERCIALY AVAILABLE PHOTONICS SKIN CANCER DETECTORS'. She delivered a wonderful lecture on detecting and managing various types of cancer by means of non-ionizing electromagnetic waves how chemistry can be

applied in the detection of skin cancer and its treatment. 97 participants attended the programme.



DEPARTMENT OF CHEMISTRY,
BISHOP CHULAPARAMBIL MEMORIAL
COLLEGE, KOTTAYAM
IN ASSOCIATION WITH IQAC
PRESENTS

INTERNATIONAL WEBINAR SERIES 2020

WEBINAR -02

Resource Person: Dr. Joanna K. Bendyna-Muirhead
R&D and Business Development Manager Mintres BV,
The Netherlands

Topic: From a novel concept to a
commercially available photonics skin-cancer
detectors

Date: 04 July 2020 Time: 5 pm IST
Venue-Google Meet

For more details, contact
Dr. Annu Thomas, Mob.9496833830

Recording-

<https://drive.google.com/file/d/1SGlGJvDLCFzRf1xNkGL1jmiZoyz0OITH/view?usp=sharing>.

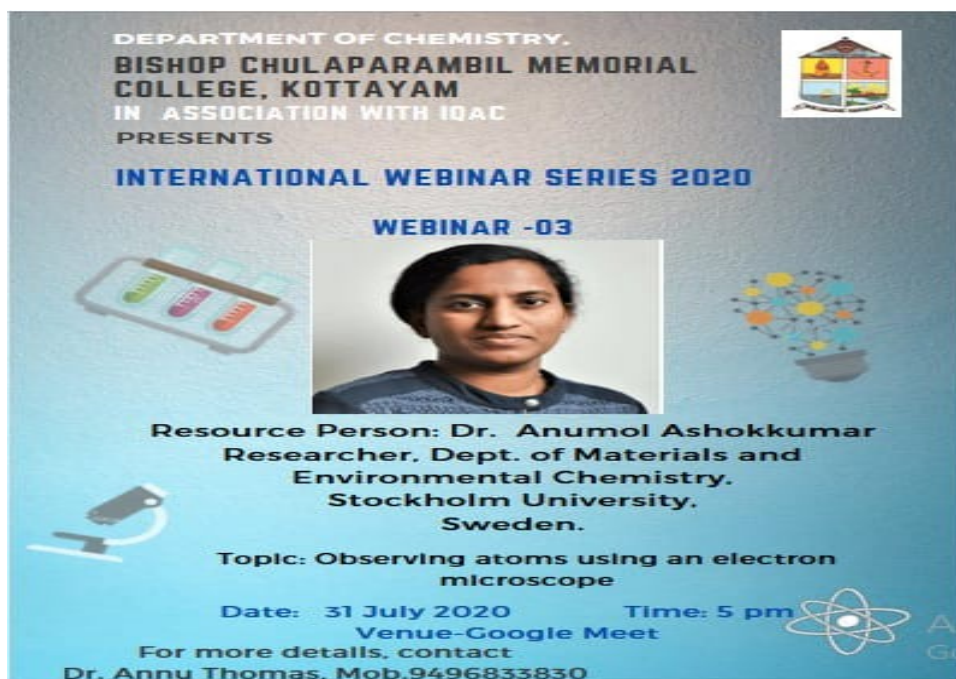
List of participants

<https://docs.google.com/spreadsheets/d/1NB4jNTgkeis1xBo21qSrmTo3kNeMbN9CnsyiQQWUDfc/edit?usp=sharing>

3. Webinar By Dr. Anumol Ashokkumar

On 31 July 2020 an International Webinar was conducted by Chemistry Department of BCM College in association with IQAC of BCM College. The scientific talk was given by Dr. Anumol Ashokkumar, Researcher, Department of Material Chemistry, Stockholm University, Sweden on the topic 'OBSERVING ATOMS USING AN ELECTRON MICROSCOPE'. Dr. Anumol explained the different

electron microscopic instruments and its applications in very simple and organized manner. Around 148 participants from **all over India** participated in the programme.



DEPARTMENT OF CHEMISTRY,
BISHOP CHULAPARAMBIL MEMORIAL
COLLEGE, KOTTAYAM
IN ASSOCIATION WITH IQAC
PRESENTS

INTERNATIONAL WEBINAR SERIES 2020

WEBINAR -03

Resource Person: **Dr. Anumol Ashokkumar**
Researcher, Dept. of Materials and
Environmental Chemistry,
Stockholm University,
Sweden.

Topic: Observing atoms using an electron
microscope

Date: 31 July 2020 Time: 5 pm
Venue- Google Meet

For more details, contact
Dr. Annu Thomas, Mob.9496833830

The poster features a central portrait of Dr. Anumol Ashokkumar. To the left is an illustration of a smartphone with test tubes on the screen. To the right is a molecular model. At the bottom left is a microscope icon, and at the bottom right is an atomic symbol icon. The background is a light blue gradient with faint text and icons.

Recording- <https://drive.google.com/file/d/1Nh1fIWsvH21kMxDhN77vK-8Az1vxMa1H/view?usp=sharing>

148 Participants-

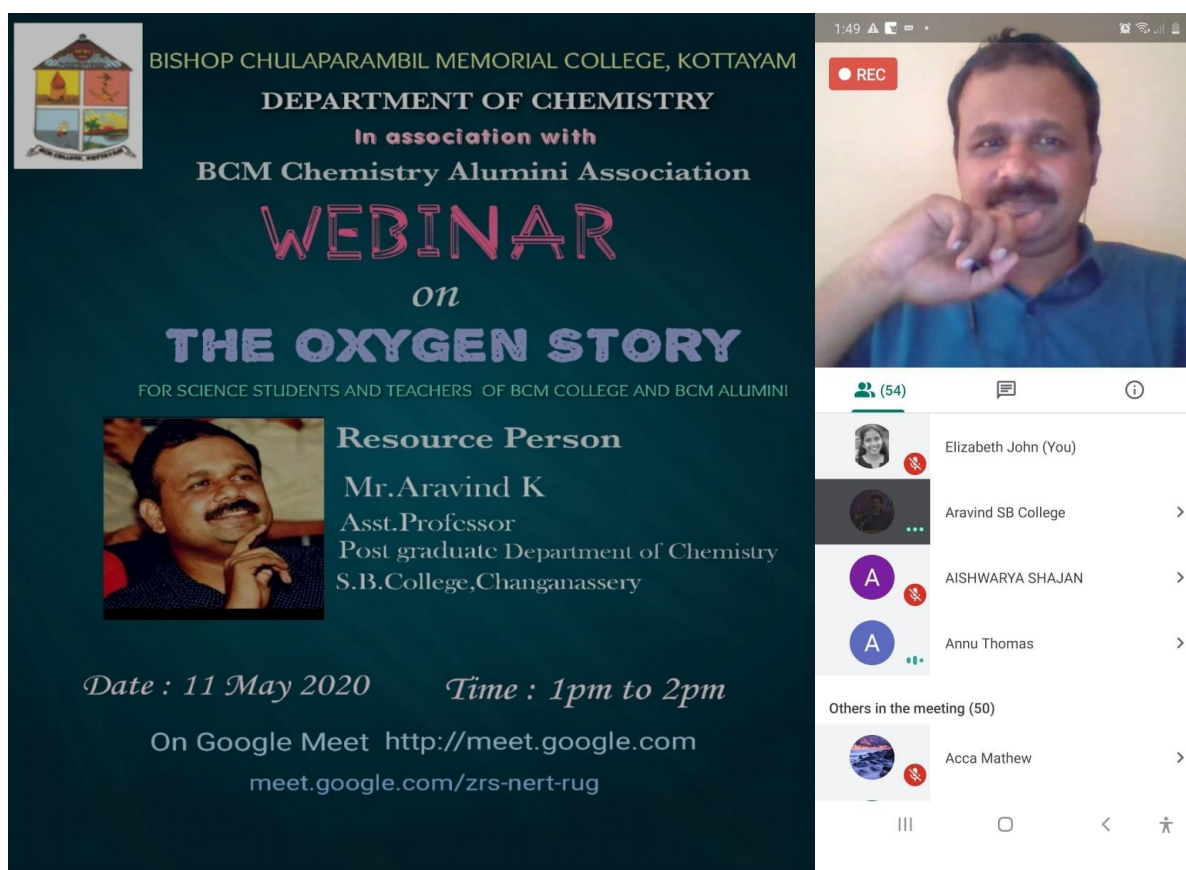
<https://docs.google.com/spreadsheets/d/1EZJSZxIwYgK1yCVKyJcFZrgKDI CSilshrfSiqchNQ8k/edit?usp=sharing>

ii) SUBJECT ENRICHMENT TALKS

1.Talk By Prof. Aravind K

A scientific talk was given on 11th May 2020 by the special invitee Prof.Aravind K, Assistant Professor, Department of Chemistry, S.B College Changanaserry on the topic 'THE OXYGEN STORY' conducted by the department. He explained the importance of oxygen and its physical and biological effect in the daily life. Almost 56 participants attended the programme.

Recording of the programme: <https://drive>.



BISHOP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM
DEPARTMENT OF CHEMISTRY
In association with
BCM Chemistry Alumni Association

WEBINAR
on
THE OXYGEN STORY
FOR SCIENCE STUDENTS AND TEACHERS OF BCM COLLEGE AND BCM ALUMINI

Resource Person
Mr.Aravind K
Asst.Professor
Post graduate Department of Chemistry
S.B.College,Changanassery

Date : 11 May 2020 Time : 1pm to 2pm
On Google Meet <http://meet.google.com>
meet.google.com/zrs-nert-rug

1:49 REC

(54)

Elizabeth John (You)

Aravind SB College >

AISHWARYA SHAJAN >

Annu Thomas >

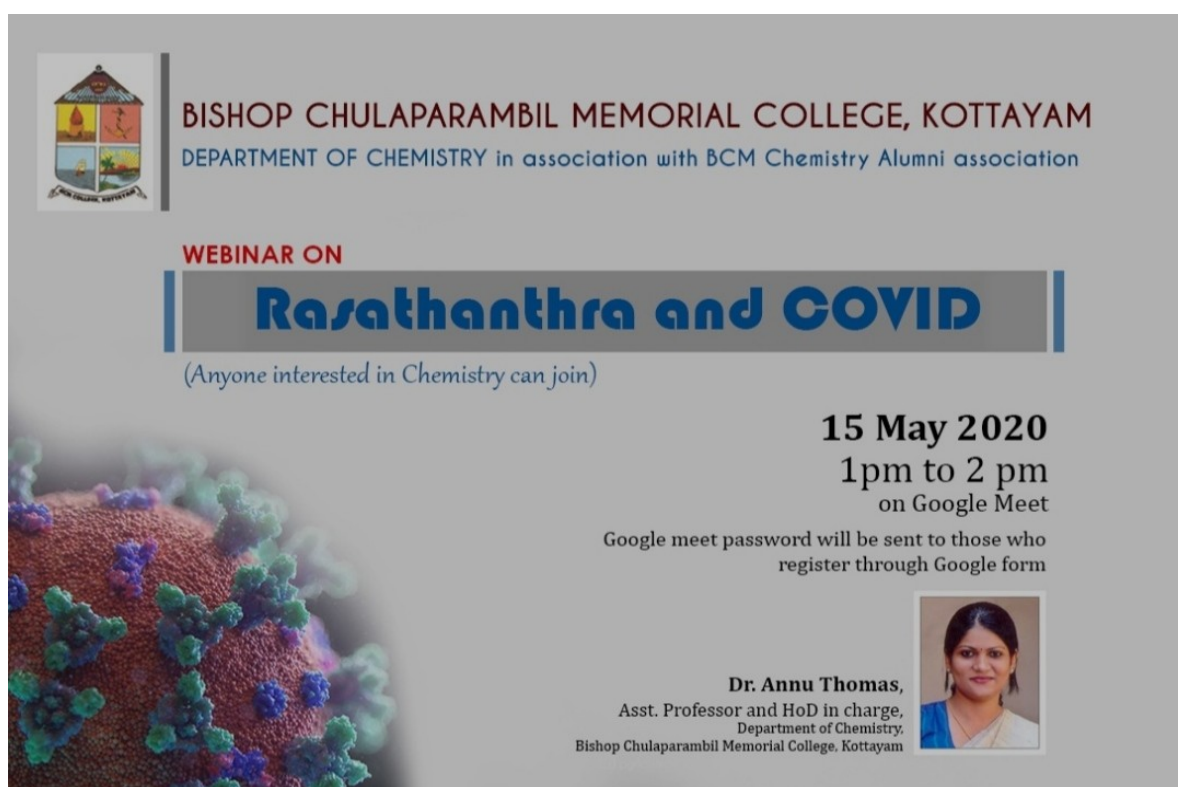
Others in the meeting (50)


Acca Mathew >

2. Talk By Dr. Annu Thomas

A scientific talk was given on 15 May 2020 by Dr. Annu Thomas, HOD in charge, Department Of Chemistry, Bishop Chulaparambil Memorial College on the topic 'RASATHANTHRA & COVID' based on the current scenario. Dr. Annu Thomas efficiently explained numerous concepts. The origin of chemistry, its development over the years, impact of chemistry in the prevention of COVID-19 etc. were the topics of her talk. 92 participants were there in the programme. Participants list

<https://drive.google.com/file/d/10RjNkQnN1SE1QLkZfUr1CvJG6VdosU9O/view?usp=sharing>



 **BISHOP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM**
DEPARTMENT OF CHEMISTRY in association with BCM Chemistry Alumni association


WEBINAR ON
Rasathantra and COVID

(Anyone interested in Chemistry can join)

15 May 2020
1pm to 2 pm
on Google Meet

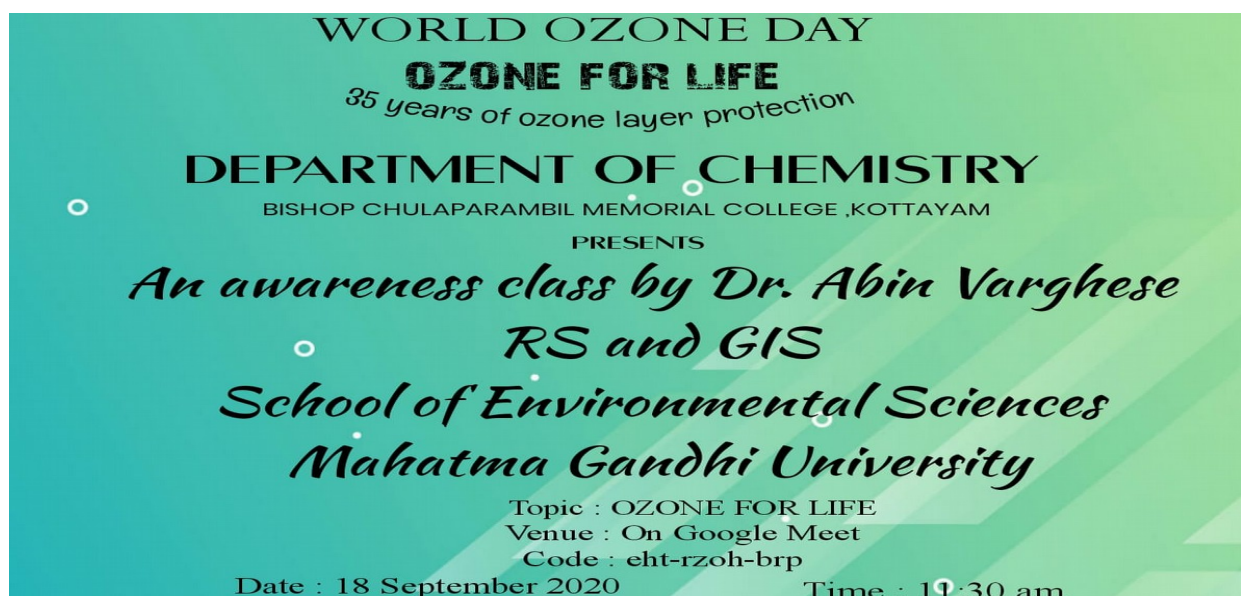
Google meet password will be sent to those who register through Google form

Dr. Annu Thomas,
Asst. Professor and HoD in charge,
Department of Chemistry,
Bishop Chulaparambil Memorial College, Kottayam



3) Talk By Dr.Abin Varghese

An awareness class was conducted on behalf of World Ozone Day, 18 September 2020 by Dr.Abin Varghese, RS & GIS, School of Environmental Sciences, MG University on the topic 'OZONE FOR LIFE'. He explained the importance of protecting the ozone layer over the past 35 years. 85 members participated in the programme.



Recording

https://drive.google.com/file/d/1Mm9OHU9pcLnFVCItcxPskZUNfTVA9_Pl/view?usp=sharing

4.TALK BY Adv.Tissy Rose K Cheriyan

A talk was conducted by IQAC & all Science Departments of Bishop Chulaparambil Memorial College based on 'HUMAN RIGHTS' on 8th, 9th & 10th June 2020. The resource person was Adv.Tissy Rose K Cheriyan

LL.B,LL.M. She delivered an interesting class based on women rights, environmental ethics, children rights and the rights offered by Indian Constitution.



WEBINAR SERIES 2020
Theme - **HUMAN RIGHTS**

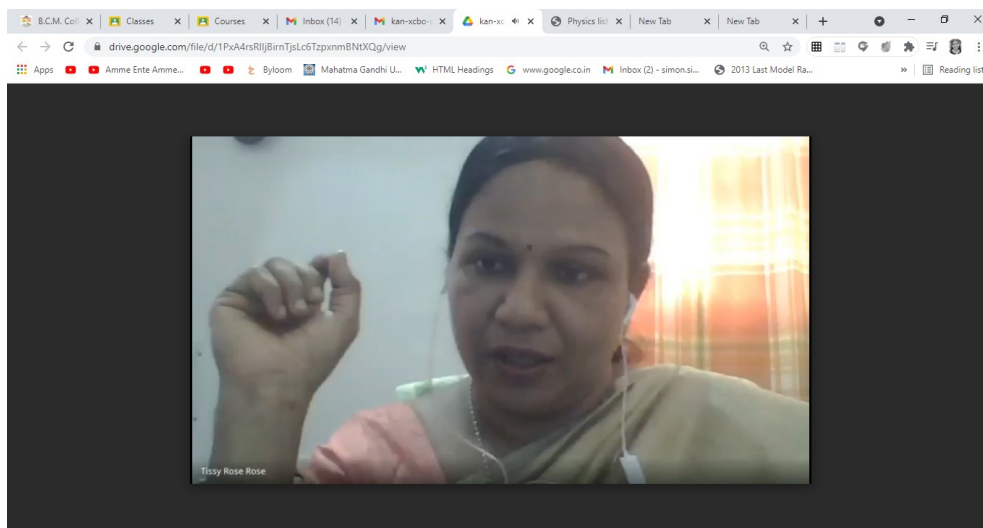
Organized by:
IQAC and Science Departments
Bishop Chulaparambil Memorial College.

Dates : 8th , 9th & 10th June 2020
Time: 11.30 AM
Mode of Accessing : Google Meet (link shall be provided 15 min ahead of the class)

Resource Person
Adv.Tissy Rose K Cheriyan

LL. B(from Govt Law College Thiruvananthapuram)
LL. M (M.G University)

For further enquiry: Contact No.7558897015, 9496833830
E-mail on- elizjo@gmail.com, annuthomas@gmail.com



3) DAY OBSERVATIONS CONDUCTED BY THE DEPARTMENT

1) WORLD ENVIRONMENT DAY – JUNE 5

Chemistry Association of Bishop Chulaparambil Memorial College conducted World Environmental Day celebration to understand the importance of preserving nature. As a part of this, Intercollegiate & Interschool 'Elocution Competition', 'Selfie With Your Plant', 'Digital Art Competition', 'Best From the Waste Competitions' was conducted and E-certificates were distributed to the winners.

DEPARTMENT OF CHEMISTRY
BISHOP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM
PRESENTS
INTERCOLLEGE AND INTERSCHOOL ONLINE COMPETITIONS
TO CELEBRATE WORLD ENVIRONMENT DAY
CELEBRATE BIODIVERSITY

SELFIE WITH YOUR PLANT
Send us a photo with your plant

DIGITAL ART COMPETITION
Topic : BIODIVERSITY

BEST FROM THE WASTE
Send us your creative craft videos from waste materials
(Max : 5 min)

ELOCUTION COMPETITION
Topic : BIODIVERSITY
(Max : 5 min)

SEND US YOUR SUBMISSIONS AT,
chemistry@bcmcollege.ac.in
Last Date : 12 June 2020 (before 7pm)
For more details contact,
Dr.Radhika.S,9497820938
Sharon Maria Stephen,6388133682

2) INDIAN AKSHAY URJA DIWAS – AUGUST 20

As part of Urja Diwas, Chemistry Department of Bishop Chulaparambil Memorial College conducted an Intercollege Elocution

Competition on 20th August 2020. Sreelakshmi V.H. of II DC Physics was selected as the winner and was awarded with an E-certificate.

DEPARTMENT OF CHEMISTRY
BISHOP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM

PRESENTS

**INTERCOLLEGIATE
ONLINE ELOCUTION COMPETITION**

ON BEHALF OF

INDIAN AKSHAY URJA DIWAS 2020

Topic : Renewable Energy for Sustainable Development

ONLINE ELOCUTION COMPETITION

Rules

- Elocution must be send in video format.
- Video should not exceed 2 minutes.
- Participants Name, Department and College should be included along the video.
- Mediunn of language can be English or Malayalam.
- Submit on 21 August 2020 before 5pm.

SEND YOUR SUBMISSIONS AT,
chemistry@bcmcollege.ac.in
For more details contact
Dr. Annu Thomas, 9496833830
Jaisy Joy , 9444394159

3) WORLD OZONE DAY – SEPTEMBER 16

As a part of the World Ozone Day, Department of Chemistry, Bishop Chulaparambil Memorial College conducted a two day programme. On 18th September 2020, a class by Dr. Abin Varghese and poster making competition were conducted and on 21st September 2020 'Quiz On Ozone' and Slogan Making Competition were conducted.

DEPARTMENT OF CHEMISTRY
BISHOP CHULAPARAMBIL MEMORIAL COLLEGE KOTTAYAM

CELEBRATES

WORLD OZONE DAY

OZONE FOR LIFE
35 years of ozone layer protection

WORLD OZONE DAY
INTERCOLLEGIATE PROGRAMS

An Awareness Class by
Dr. Abin Varghese

DAY 1

POSTER
MAKING
COMPETITION

QUIZ ON
OZONE

DAY 2

SLOGAN
MAKING
COMPETITION

RULES

- This is a two day program.
- Day 1- 18 September 2020
- Day 2- 21 September 2020
- Participants should send the photo of poster making and slogan making competition to the given email id.
- Participants should write their Name, Department, College along with the photo.
- Participants for Quiz should fill the registration form before 19 September 2020.
- The time limit for QUIZ is half hour, starts at 3pm.
- The link of the quiz will be send to your email id on 21 September 2020 before 3pm.

✉ chembcm1959@gmail.com
 📞 Dr. Annu Thomas, HOD
9496833830
 📷 _alchemizans_bcm_

4) WORLD VEGETARIAN DAY

On October 1, as a part of celebrating World Vegetarian Day, Kairos Fiesta (A programme organized by the II year B.Sc. Chemistry students) by Department of Chemistry, Bishop Chulaparambil Memorial College had organized an intercollegiate ‘Healthy Food Recepie Competition’. Many of them participated and the winners are awarded with E-certificates.



5) WORLD SMILE DAY – OCTOBER 2

On October 2, as part of celebrating World Smile Day, Kairos Fiesta (A programme organized by the II year B.Sc. Chemistry students) by Chemistry Department of Bishop Chulaparambil Memorial College had organized an Intercollegiate Online Selfie Contest. The winners were awarded with E-certificates.



6) WORLD ANIMAL DAY – OCTOBER 4

On October 4, as a part of celebrating World Animal Day, Kairos Fiesta (A programme organized by the II year B.Sc. Chemistry students) by Department of Chemistry, Bishop Chulaparambil Memorial College had organized an Intercollegiate Online Pet's Photo Contest and the winners are provided with E-certificate.



7) SPACE WEEK CELEBRATION – 4-10 OCTOBER

As part of celebrating Space Week from 4th October 2020 to 10th October 2020, Kairos Fiesta (A programme organized by the II year B.Sc. Chemistry students) by Chemistry Department of Bishop Chulaparambil Memorial College conducted various competitions like Online Quiz Competition, Powerpoint Presentation Competition, Caption Writing Competition and Drawing Competition on various days. The winners was provided with E-certificate.



8) INTERNATIONAL GIRL CHILD DAY – OCTOBER 11

As a part of International Girl Child Day, a video was launched in our You tube channel 'NOVUS' on October 11 in order to give an awareness about protecting our girl child.



4) STUDENT EMPOWERMENT PROGRAMMES

1) XAVIER LEADERSHIP CENTRE [XLC]

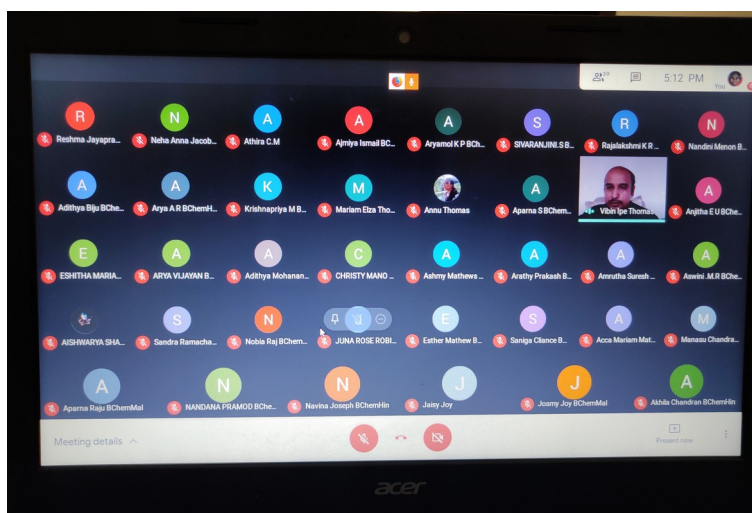
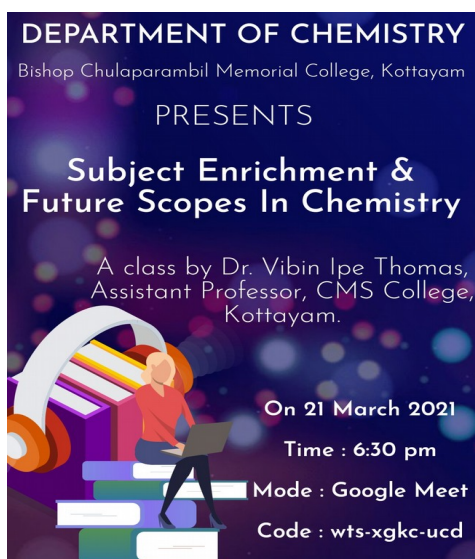
The Xavier Leadership Centre[XLC] will be dedicated to the task of developing leadership skills in the youth of this country through carefully crafted and closely monitored training programs that touch every sphere of productive activity: whether in entrepreneurship, skilled jobs, education, social mobilization, livelihood creation, public service or even spiritual and philosophical realms which promote creativity and ethical orientation. Aishwarya Shajan of III D C Chemistry and Amala Soy of II D C Chemistry represented Bishop Chulaparambil Memorial

College, Kottayam and participated in the online camp which lasted for 8 weeks and marked it very useful.



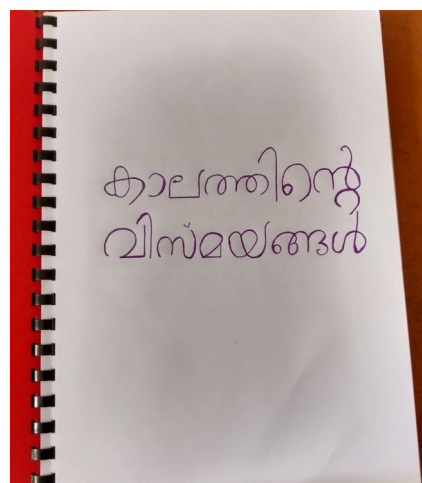
2) CLASS BY Dr.VIBIN IPE THOMAS

A career guidance class was conducted on 21 March 2021 on the topic ‘Subject Enrichment & Future Scopes in Chemistry’. The class was taken by Dr.Vibin Ipe Thomas, Assistant Professor, CMS College, Kottayam. The session focused on career informations and choices. About 45 students participated in this class.



5) MANUSCRIPT MAGAZINE

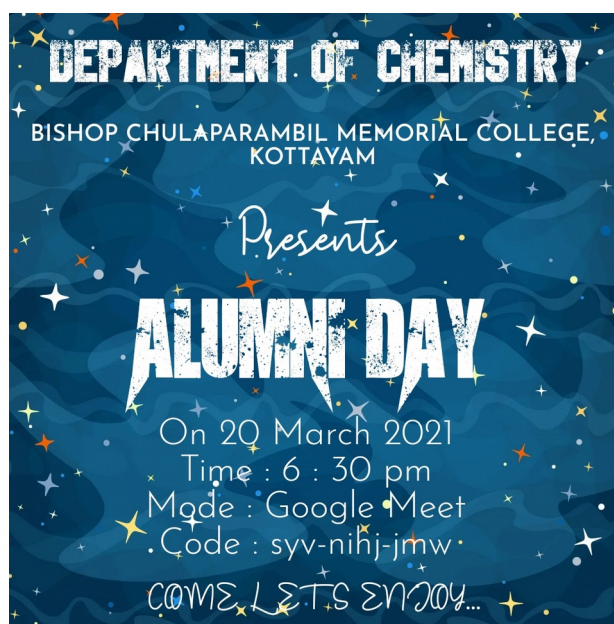
The release of the Hand Written Magazine of Chemistry association 'Kaalathinte Vismayangal' for the year 2020-21 was on 22 March 2021 by Dr.Teena Anna Thomas,Principal of Bishop Chulaparambil Memorial College,Kottayam. The magazine consists of various chapters dealing with the topic Kaalathinte Vismayangal. All the pages were created by the students by their on hands.



6) ALUMNI

1) ALUMNI MEET

The annual Alumni Meet '**Lozenge**' for the year 2020-21 were held on 20 march 2021 via Google Meet at 6:30 pm. The meeting started with a prayer followed by welcoming the alumni to the meeting. Most of them were the passed out students in the year 2018-19 & 2019-20. There was an interactive session in which they shared their experiences and memories of BCM family with us. The meeting came to an end at 8:30pm. Various cultural programmes were conducted in between.



2) CONTRIBUTIONS FROM ALUMNI

Alumni of Chemistry Department, Bishop Chulaparambil Memorial College, Kottayam contributed **Rs. 42000/-** for constructing the smart LED projector.

7) INTERCOLLEGIATE COMPETITIONS/ FESTS CONDUCTED BY THE DEPARTMENT

1) Online Intercollegiate fest LOZENGE 2.0

Chemistry Department of Bishop Chulaparambil Memorial College conducted a fest named 'LOZENGE 2.0' which lasted for 3 days, from 5th August 2020 to 7th August 2020.

On 5th August 2020 a Quiz Competition was held by the participation of around 120 students from different colleges. The quiz was conducted through QUIZIZZ app. The winners were awarded with E-certificates.

The winners were:

1st - Feby Sam Baby, Baselius College, Kottayam

2nd - Angel Maria, Flywings International

On 6th August 2020 an Intercollegiate Dance Competition was held. The participants was supposed to give a 2 minute video of these performances and the best among them was selected by our judging panel. The winners were awarded with E-certificates. The winners were:

1st- Anit Maria,S.B College,Changanassery

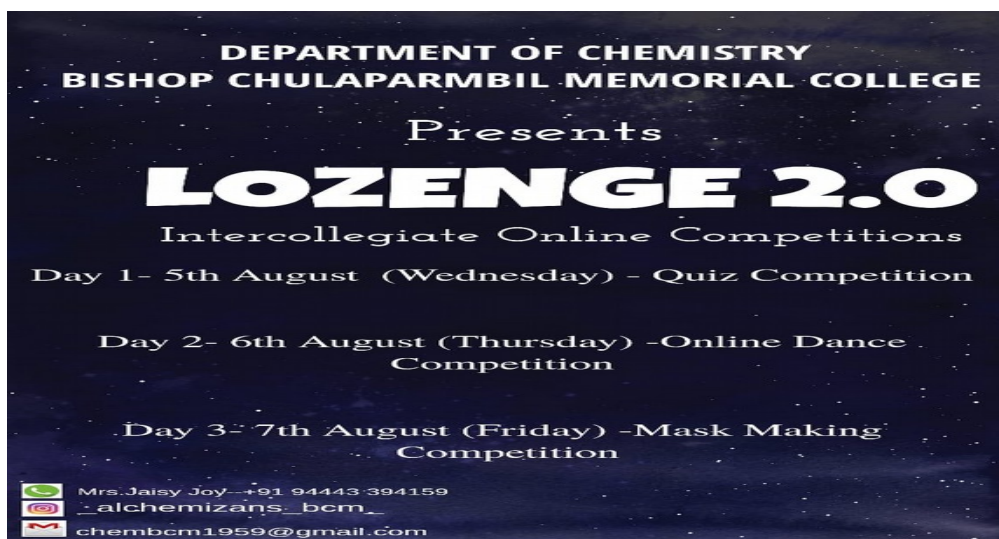
2nd- Ninu Anna Mathew,BCM College,Kottayam

3rd-Aryamol Suresh,BCM College,Kottayam On 7th

August 2020 an Intercollegiate Mask Making Competition was held. The participants was requested to give a video of their mask making. The winners were awarded with E-certificates. The winners were:

1st- Anite Elizabeth Mathew,BCM College,Kottayam

2nd- Milu Ann Sojan,Baselius College,Kottayam



DEPARTMENT OF CHEMISTRY
BISHOP CHULAPARAMBIL MEMORIAL COLLEGE

Presents

LOZENGE 2.0

Intercollegiate Online Competitions

Day 1- 5th August (Wednesday) - Quiz Competition

Day 2- 6th August (Thursday) -Online Dance Competition

Day 3- 7th August (Friday) -Mask Making Competition

Mrs.Jaisy Joy +91 94443 394159
_alchemizans_bcm_
chembcm1959@gmail.com

LOZENGE 2.0

Rules And Regulations

Online Intercollegiate Dance Competition

- Solo entry only.
- The dance must be minimum 2 minute and maximum 3 minutes length.
- Only cinematic dances are allowed.
- The music and dance video must be clear.
- Video should be sent to chembcm1959@gmail.com on or before 6th Aug 12 AM
- Your Name, Department and College should be included along with the video.
- Result will be published on our Instagram account *_alchemizans_bcm_*

+91 94443 94159
_alchemizans_bcm_
 chembcm1959@gmail.com

LOZENGE 2.0

Rules And Regulations

Mask Making Competition

- A mask making video and a photo of the mask should be sent to chembcm1959@gmail.com or DM to our Instagram account *_alchemizans_bcm_*
- Your Name, Department and College should be included along with the photo and video.
- The photo and video should be sent on or before 7th Aug 12 AM.
- The photo will be Uploaded on 8th Aug on our Insta page.
- Valuation will be strictly based on the number of likes receives within the due date.
- The likes will be counted till 9th Aug 12 am.

+91 94443 94159
_alchemizans_bcm_
 Chembcm1959@gmail.com

2) URJA DIVAS ELOCUTION COMPETITIONS

Chemistry Department of Bishop Chulaparambil Memorial College conducted an Intercollegiate Online Elocution Competition on behalf of Indian Akshay Urja Diwas 2020 on 20th August 2020. The participants are requested to send a 2 minute video on the topic 'Renewable Energy For Sustainable Development'. Many of them

participated and the winners are awarded with E-certificates. The winners were:

1st- Priyanka Jose, BCM College, Kottayam

2nd- Kavya K.R, D B College, Thalayolaparambu

DEPARTMENT OF CHEMISTRY
BISHOP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM

PRESENTS

**INTERCOLLEGIATE
ONLINE ELOCUTION COMPETITION**

ON BEHALF OF

INDIAN AKSHAY URJA DIWAS 2020

Topic : Renewable Energy for Sustainable Development

ONLINE ELOCUTION COMPETITION

Rules

- Elocution must be send in video format.
- Video should not exceed 2 minutes.
- Participants Name, Department and College should be included along the video.
- Medium of language can be English or Malayalam.
- Submit on 21 August 2020 before 5pm.

SEND YOUR SUBMISSIONS AT
chemistry@bcmcollege.ac.in
For more details contact
Dr. Annu Thomas, 9496833830
Jaisy Joy , 9444394159

3) OZONE DAY COMPETITIONS

As a part of the World Ozone Day, Department of Chemistry, Bishop Chulaparambil Memorial College conducted a two day program on 18th and 21st September 2020. Many students participated. All the winners were awarded with E-certificates.

On 18th September 2020 a Poster Making Competition was conducted. Participants are requested to sent a photo of their poster to the given mail id. The winners were:

1st- Amala Joseph, BCM College, Kottayam

2nd- Susan T Chacko, BCM College, Kottayam

3rd- Sreevani B, M A College, Kothamangalam

On 21st September 2020 a Quiz On Ozone and a Slogan Making Competition was conducted. Quiz was conducted through the app 'QIZIZZ'. Around 70 students participated. The winners were:

1st- Jeena Celin Sabu,Alphonsa College,Pala

2nd- Jithu.K.Mathew,BCM College,Kottayam

3rd- Anrin Salim K,M A College,Kothamangalam

For Slogan Making Competition, participants are requested to send the photo to the given mail id. The winners were:

1st- Anie Kuriya,K E College,Mannanam

2nd- Jithu K Mathew,BCM College,Kottayam

DEPARTMENT OF CHEMISTRY
BISHOP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM

CELEBRATES

WORLD OZONE DAY

OZONE FOR LIFE
35 years of ozone layer protection

WORLD OZONE DAY
INTERCOLLEGIATE PROGRAMS

An Awareness Class by
Dr. Abin Varghese

DAY 1

POSTER
MAKING
COMPETITION

DAY 2

QUIZ ON
OZONE

SLOGAN
MAKING
COMPETITION

RULES

- This is a two day program.
- Day 1- 18 September 2020
- Day 2- 21 September 2020
- Participants should send the photo of poster making and slogan making competition to the given email id.
- Participants should write their Name, Department, College along with the photo.
- Participants for Quiz should fill the registration form before 19 September 2020.
- The time limit for QUIZ is half hour, starts at 3pm.
- The link of the quiz will be send to your email id on 21 September 2020 before 3pm.

chembcm1959@gmail.com

Dr. Annu Thomas, HOD
9496833830

_alchemizans_bcm_

4) Online Intercollegiate Fest KAIROS FIESTA 2020

i) FOOD RECIPE COMPETITION

On October 1st 2020, as part of celebrating World Vegetarian Day, Kairos Fiesta had organized a Intercollegiate 'Healthy Food Recipe Competition'. Participants are supposed to present their photo of a healthy dish along with a 1 or 2 minute clear audio describing the recipe. Winners were provided with E-certificates. Winner was:

1st- Aleena Roy, BCM College, Kottayam



ii) ONLINE SELFIE CONTEST

As a part of celebrating World Smile Day on October 2, Kairos Fiesta had organized an Intercollegiate Online Selfie Contest. Participants are supposed to send their photos. All the winners were provided with E-certificate. The winners are:

- 1st- Alphy Maria Joseph, St. Stephens College, Uzhavoor
- 2nd- Merlin Mathew, BCM College, Kottayam
- 3rd- Christy Anna Sunil, BCM College, Kottayam



iii) PET'S PHOTO CONTEST

On October 4, as a part of celebrating World Animal Day, Kairos Fiesta had organized an Intercollegiate Online Pet's Photo Contest. Participants were supposed to send their pet's photo to the given

mail id. All the winners were provided with E-certificates. The winners are:

1st- Raichu Shaju, BCM College, Kottayam

2nd- Revathi Raju, BCM College, Kottayam

3rd- Aneena Thomas, BCM College, Kottayam



iv) ONLINE QUIZ COMPETITION

As a part of Space Week, an Intercollegiate Online Quiz Competition on the topic 'Space' was conducted on 5th October 2020. All the winners were provided with E-certificates. The winners are:

1st- Susan T Chacko, BCM College, Kottayam

2nd- Athira Krishna, BCM College, Kottayam

3rd- Ashna Sabu, Baselius College, Kottayam &
Jithu K Mathew, BCM College, Kottayam



v) POWERPOINT PRESENTATION COMPETITION

In relation with International Space Week, a Powerpoint Presentation Competition was conducted on October 6 2020 based on the theme 'Women In Space'. Participants were requested to send a presentation of at least 3 slides to the email id provided. All the winners were awarded with E-certificates. The winners were:

1st- Roshna A, BCM College, Kottayam

2nd- Rona Roy,BCM College,Kottayam

3rd- Akshaya Jeenraj,BCM College,Kottayam



vi) CAPTION WRITING COMPETITION

As a part of Space Week, Kairos Fiesta had conducted a Caption Writing Competition on October 7. The winner was provided with E-certificate and the winner was Aleena Roy, BCM College, Kottayam

BISHOP CHULAPARAMBIL
MEMORIAL COLLEGE, KOTTAYAM
Department of Chemistry
presents
KAIROS FIESTA 2020
**INTERCOLLEGIATE
CAPTION WRITING
COMPETITION**



* Entry Deadline : October 10
* Caption should sent to our email
id :
chemgirlzbcmcollege@gmail.com
* Results will be published on our
instagram page _alchemizans_bcm_

vii) ONLINE DRAWING COMPETITION

In relation with Space Week, an Intercollegiate Drawing Competition was conducted on the topic 'Vision of Space' on October 8 2020. The winner was provided with E-certificate. The winner was:

1st- Aleena Roy, BCM College, Kottayam



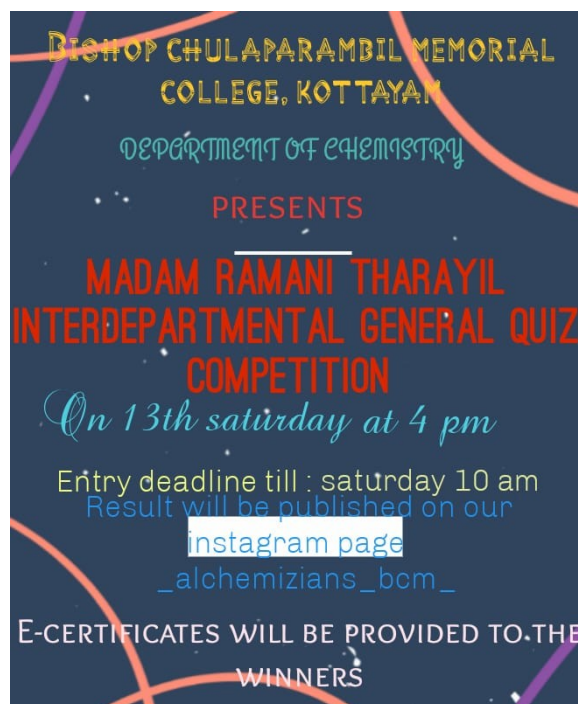
8) INTERDEPARTMENTAL PROGRAMS CONDUCTED BY THE DEPARTMENT

1).MADAM RAMANI THARAYIL GENERAL QUIZ COMPETITION

Department of Chemistry, Bishop Chulaparambil Memorial College, Kottayam has organized 'Madam Ramani Tharayil General Quiz Competition' in honour of Madam Mary Ramani Tharayil, Retd. Principal of Bishop Chulaparambil Memorial College, Kottayam, on 13 March 2020 at 4pm. The winners were awarded with E-certificates. Winners are:

1st - Ganga Jayaprasad, Sociology, BCM College, Kottayam

2nd - Athira Muralidharan, History, BCM College, Kottayam.



2) SUMA MAKIL MEMORIAL POSTER MAKING COMPETITION

Suma Makil Memorial Poster Making Competition was conducted every year on environment related topics by Department of Chemistry, Bishop Chulaparambil Memorial College, Kottayam. The topic for this year was 'FOREST FIRE'. The participants were requested to send their poster to the given mail id and the winners were awarded with E-certificates. Along with that cash prize was given to the winner by Dr. Teena Anna Thomas, Principal of Bishop Chulaparambil Memorial College, Kottayam. The winners were:

- 1st - Anju Thomas, Statistics, BCM College, Kottayam
- 2nd - Malavika Pratheeb, Zoology, BCM College, Kottayam


BISHOP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM
DEPARTMENT OF CHEMISTRY
PRESENTS
SUMA MAKIL MEMORIAL
INTERDEPARTMENT
POSTER MAKING COMPETITION
SUBJECT: FOREST FIRE



Last date of submission: 02-03-2021
Mail your design with your full name and department to
chemistry@bcmcollege.ac.in
Results will be published on our Instagram page
[_alchemizans_bcm_](https://www.instagram.com/_alchemizans_bcm_)
e-certificates will be provided to the winners



9) NSS & NCC

Many of the chemistry students are members of college NSS unit and NCC unit. Meenakshi B Krishna of III D C Chemistry has achieved the grade of Under Officer in NCC.

➤ Members of NSS are:

- Archana Murukan, Chandhana K Shibu & Shreya Prasad of

I year B.Sc. Chemistry.

- Aparna S, Arathy Prakash, Aswini M R, Josmy & Guruvammal of
II year B.Sc. Chemistry.

➤ Members of NCC are:

- Christy Mano, Divya A & Jayarani J of I D C Chemistry.

- Amalumol K Benny, Anamika S, Bhagya U Nair, Geethy Gopinath, Gourikrishna R & Gouri Lakshmi R Nair of II D C Chemistry.

10) SCHOLARSHIPS

Students of Chemistry Association always keep a good record of academic performance. The department honour the deserved students with merit cum means scholarships.

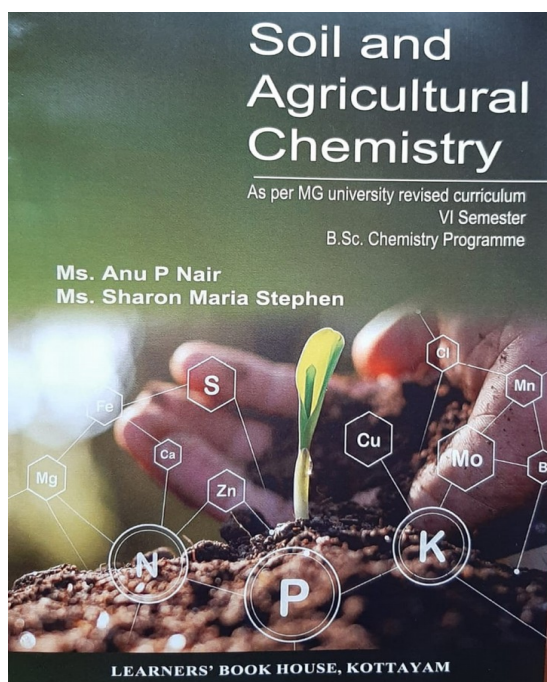
Nandini Menon of III D C Chemistry, Aparna Raju of II D C Chemistry & Anjali Sunil of I D C Chemistry were awarded with this scholarship by Dr.Teena Anna Thomas, Principal, Bishop Chulaparambil Memorial College, Kottayam.





11) STAFF ACHIEVEMENTS

i) A book on '**Soil and Agricultural Chemistry**' was published by guest lecturers Ms. Anu P Nair and Ms. Sharon Maria Stephan, Department of Chemistry, Bishop Chulaparambil Memorial College, Kottayam during 2020-21. This Book was published by Learners Book House, Kottayam with ISBN: 978-81-937000-0-6.



ii) Dr. Radhika. S of Chemistry Department, Bishop Chulaparambil Memorial College, Kottayam, published a research paper entitled '**Degradation Of Endocrine Disruptors Using Modified TiO₂ Nanorods Under Sunlight**' in highly peer reviewed journal 'Indian Journal of Advances in Chemical Science.

iii) Dr. Annu Thomas, HOD, Department of Chemistry, Bishop Chulaparambil Memorial College, Kottayam, participated in a Refresher course in 'Life Sciences' by UGC HRDC, Bangalore University from 11 December 2020 to 28 December 2020.

iv) Mrs. Jaisy Joy, Assistant Professor, Department of Chemistry, Bishop Chulaparambil Memorial College, Kottayam, participated in 167th Online Induction Program conducted at the UGC-HRDC Centre, Kariavattom, Thiruvananthapuram from 28 September 2020 to 27 October 2020.

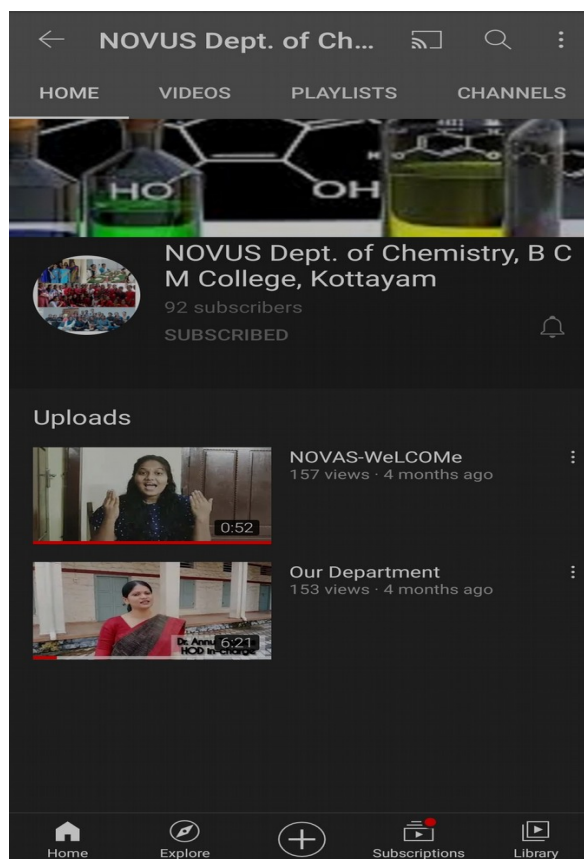
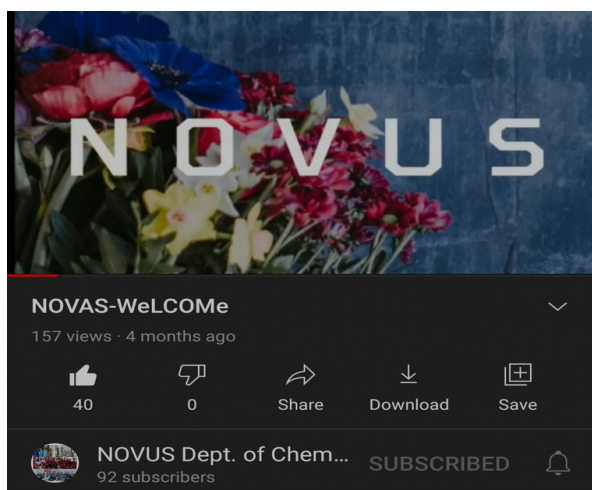
12) CHARITABLE ACTIVITIES

Teachers and Students of the Chemistry Department extended their hand to help financially backward students of Bishop Chulaparambil Memorial College to meet their financial expenses through BCM OJASS.

13) INNOVATIVE PROGRAMS CONDUCTED BY THE DEPARTMENT

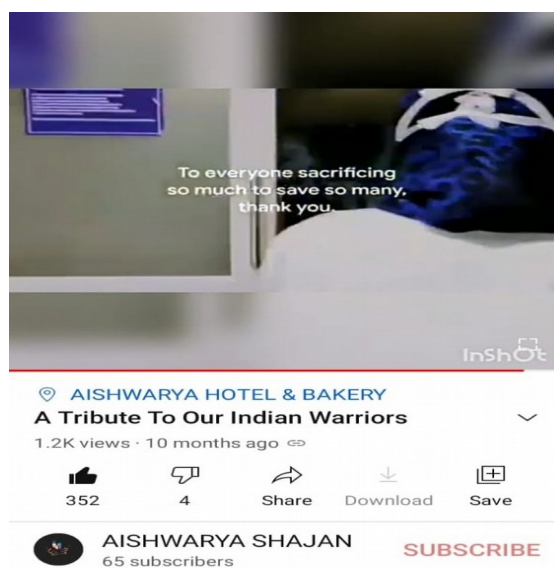
i) LAUNCH OF YOUTUBE CHANNEL

Chemistry Department of Bishop Chulaparambil Memorial College officially launched a YouTube channel named 'NOVUS Department of Chemistry BCM College' on 2 November 2020. We were the first department to launch the You Tube Channel in the college. We are continuing our journey with **92 subscribers** and looking forward for more.



ii) AWARENESS VIDEO ON COVID-19

As part of proclaiming sincere gratitude and support to the health workers who fight against Covid-19 all over the world, Chemistry association of Bishop Chulaparambil Memorial College launched a video 'A Tribute To Our Indian Warriors' on YouTube. We reached around **1.2 Kviews and 352 likes in a single day.**



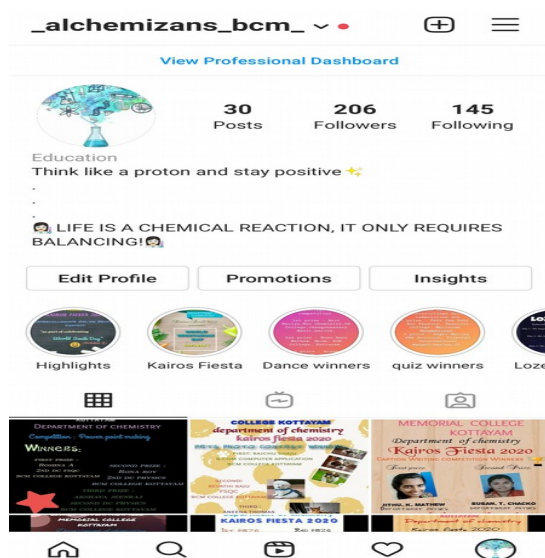
iii) AWARENESS VIDEO ON INTERNATIONAL GIRL CHILD DAY

As part of International Girl Child Day, a video was launched in our YouTube channel 'NOVUS' on 11 October 2020 in order to give an awareness about protecting our girl child. We reached **780 views and 242 likes for this video.**



iv) Instagram

Recognizing the necessity of an active participation in social media, Department of Chemistry, Bishop Chulaparambil Memorial College, Kottayam started an official Instagram page named ‘_alchemizans_bcm_’. Now we are with **206 followers** and **posted 30 posts** relating the programmes conducted by Chemistry Department and the winners of the competitions.



14).STUDENTS PARTICIPATED IN INNOVATIVE PROGRAMS

i)YOUNG INNOVATORS PROGRAM(YIP)

Young Innovators Program(YIP) is the specially designed, flagship program under KDISC (Kerala Development & Innovation Strategy Council) that aims to empower future innovators to innovate new products, services or solutions to meet the emerging era requirements of the state, unarticulated needs or existing marketing needs of the society more effectively through an innovative challenge. Akhila Chandran, Arya A R, Maria P Nibu, Nandini Menon & Navia Vinoy of Chemistry Department also participated in this program.



15) ACHIEVEMENTS OF STUDENTS PARTICIPATED IN COMPETITIONS CONDUCTED BY OTHER DEPARTMENTS/COLLEGE

i) PROF. M S VISWAMBHARAN ENDOWMENT QUIZ COMPETITION

Akhila Chandran & Arya A R of III D C Chemistry, Bishop Chulaparambil Memorial College, Kottayam participated in the All Kerala Intercollegiate science quiz Competition conducted by Government College, Kottayam on February 27, 2021 and secured 4th position out of 9 participants and was awarded with certificates.



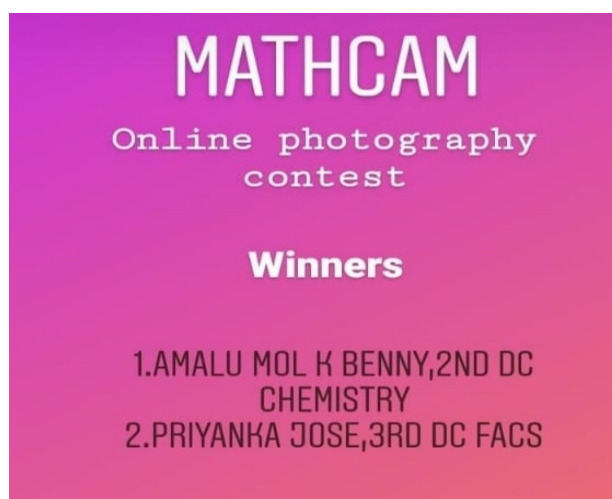
ii) INTRA COLLEGIATE QUIZ COMPETITION

As a part of pi-week celebration, Department of Mathematics & Statistics organised an Intra Collegiate Quiz Competition on July 23, 2020, in which Ganga Bharathan, Gouri Lakshmi R Nair of II D C Chemistry and Seetha Komalam M S of III D C Chemistry secured points above 85%. Also, Maria P Nibu & Manasu Chandran of III D C Chemistry participated in the quiz competition.



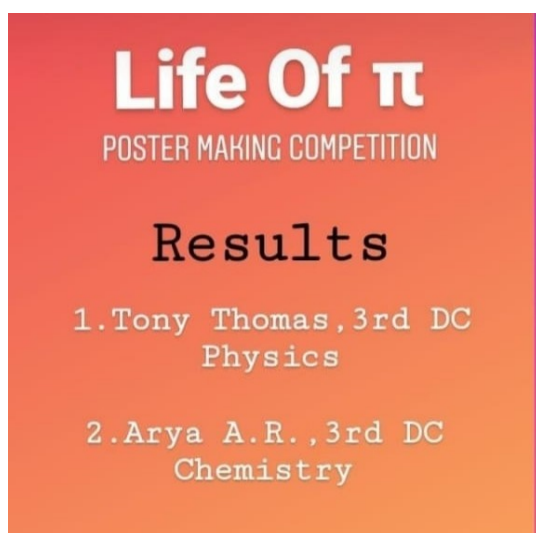
iii) MATHCAM - ONLINE PHOTOGRAPHY CONTEST

Amalumol K Benny of II D C Chemistry, Bishop Chulaparambil Memorial College, Kottayam secured first position in the MATHCAM Online Photography Contest on the topic 'Maths In Daily Life' conducted by Department of Mathematics, Bishop Chulaparambil Memorial College, Kottayam.



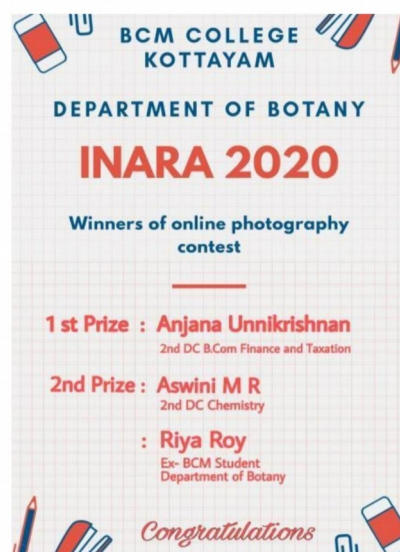
iv) LIFE OF π – POSTER MAKING COMPETITION

Department of Mathematics, Bishop Chulaparambil Memorial College, conducted a Poster Making Competition on the topic 'Life Of π ', in which Arya A R of III D C Chemistry, Bishop Chulaparambil Memorial College has secured 2nd position in the competition.



v) INARA 2020 – ONLINE PHOTOGRAPHY CONTEST

Aswini M R of II D C Chemistry, Bishop Chulaparambil Memorial College, Kottayam has secured 2nd position in the Online Photography Contest conducted on behalf of World Nature Conservation Day on 28 July 2020 by Department of Botany on the topic ‘Capture The Wounds Of Nature’.



16) PROGRAMMES CONDUCTED FOR SLOW/ADVANCED LEARNERS

i) PEER TEACHING

In order to enhance the academic skills of slow learners, peer teaching was conducted. It was effectively done. It helped students clarifying their doubts and helps for the examinations.



17) MISCELLANEOUS

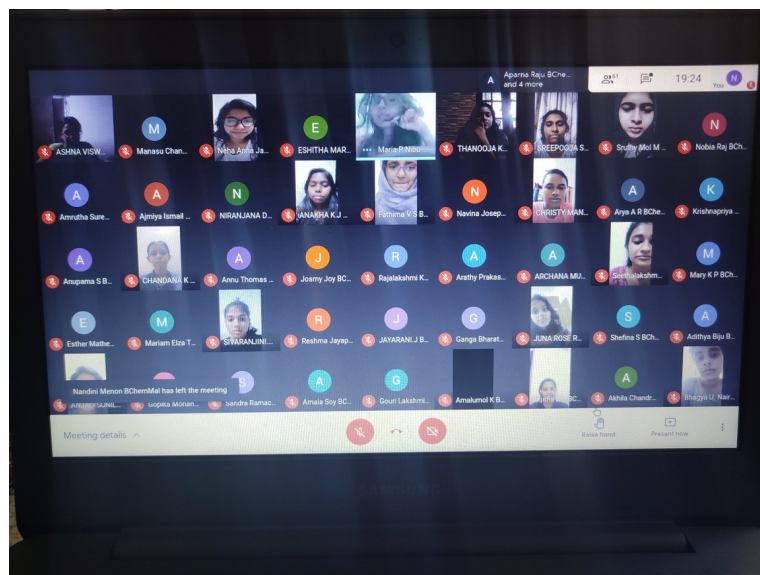
i) ONAM CELEBRATION

As part of Onam celebration, Chemistry Association, Bishop Chulaparambil Memorial College, Kottayam celebrated 'CORONAM' through online mode due to the current scenario. Online games and tasks were organized and all the teachers and students of Chemistry Department participated in it.



ii) FRESHER'S DAY

On 19th March 2021, a pleasant welcome to the first years students was organized by III D C & II D C students. Funny games and humorous tasks were conducted to them via google meet.



LOZENGE 2020-21



A word of thanks to Almighty for showering the blessings upon us and giving strength to us in every moment. We owe our sincere gratitude to Dr. Annu Thomas, Head of Chemistry Department, Mrs.Jaisy Joy, Assistant Professor and other faculties. We also thank our friends for supporting us in every events and making this year a great success.

THANK YOU.....

NAVIA VINOY

AISHWARYA SHAJAN

ANNEXURE

