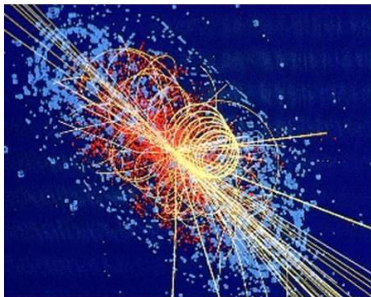
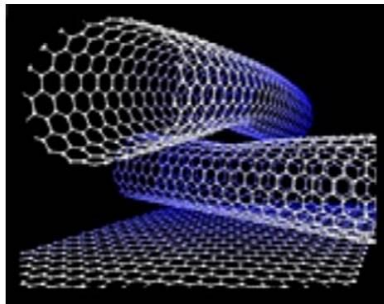
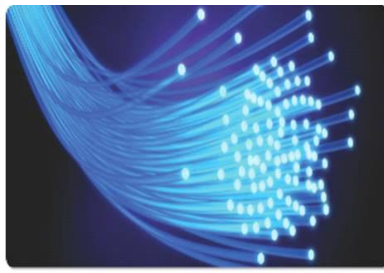


# SHASTRA



## PHYSICS ASSOCIATION REPORT

2020 -21

It gives me great pleasure to present the report on the activities of Physics Association SHASTRA for the Academic year 2020-21.

Athira Krishna  
Secretary  
Physics Association 2020-21

## **SHASTRA**

The aim of the Physics association SHASTRA, is to enable the students to have a sense of unity and understanding among themselves and the surrounding community. Apart from imparting subject knowledge, the association aims to improve the character of the students with good civic sense, compassion and empathy to the poor and the sick. It also aims to mould the students to full-fledged persons – physically, mentally and spiritually.

We are really proud to say that we have sincerely tried to exploit all the resources at our disposal for the success of the association. We are grateful to all the faculty members and students of the Physics association for their whole-hearted cooperation for making the programmes memorable. The annual report of Physics association, SHASTRA for the year 2020-21 is submitted herewith.

We won the best association for the academic year 2019-20.

## OFFICE BEARERS

The first association meeting was held on 4<sup>th</sup> August 2020. The meeting started at 2:30p.m. Our HOD Asst. Prof. Mrs. Smitha Joseph, Asst. Prof. Dr. Elizabeth. V. John and all the students of 2<sup>nd</sup> DC and 3<sup>rd</sup> DC attended the meeting. The office bearers for the academic year 2020-21 were elected.

The list of the office bearers is as follows:

1. Association President: Surya Muraleedharan (3<sup>rd</sup> DC)
2. Vice President: Tony Thomas (3<sup>rd</sup> DC)
3. General Secretaries: Athira Krishna (3<sup>rd</sup> DC)  
Anna Treesa Saji (2<sup>nd</sup> DC)
4. Treasurers: Sobhitha Chandran (3<sup>rd</sup> DC),  
Susan T Chacko (2<sup>nd</sup> DC)
5. 3<sup>rd</sup> DC Representative: Rosemol Bobby
6. 2<sup>nd</sup> DC Representative: Jithu K Mathew
7. Hand written Magazine: Betty James (3<sup>rd</sup> DC),  
M S Arunimam (3<sup>rd</sup> DC),  
Akhila G Nair(2<sup>nd</sup> DC)
8. Arts Club: Devika S (3<sup>rd</sup> DC),  
Marian Susan Lal(2<sup>nd</sup> DC)
9. Sports Club: Safalya Surendran(3<sup>rd</sup> DC),  
Meenakshi Rajesh(2<sup>nd</sup> DC)
10. Quiz Club: Athira Krishna(3<sup>rd</sup> DC),  
Akshaya Jeen Raj(2<sup>nd</sup> DC)
11. Debate Club: Amrutha Siby(3<sup>rd</sup> DC),  
Akhila G Nair(2<sup>nd</sup> DC)



12. Placement Cell: Surya Muraleedharan(3<sup>rd</sup> DC)  
Rosemol Bobby(3<sup>rd</sup> DC),  
Keerthana V(2<sup>nd</sup> DC)  
Carmel Rose Benny(2<sup>nd</sup> DC),  
Nandana Vijay(2<sup>nd</sup> DC)
13. Brochure Club: Rosemol Bobby(3<sup>rd</sup> DC),  
Anna Treesa Saji( 2<sup>nd</sup> DC),  
Meenakshi Rajesh(2<sup>nd</sup> DC)
14. Promo Club: Amrutha Siby (3<sup>rd</sup> DC),  
Carmel Rose Benny(2<sup>nd</sup> DC)
15. Grievance Cell: Jithu K Mathew(2<sup>nd</sup> DC),  
Kavya(2<sup>nd</sup> DC)



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## 1.ACADEMIC PERFORMANCE

Ms Ramzia K (2017-20) is awarded as state topper for having been placed among top 1% of 395 candidates of the state of Kerala at the National Graduate Physics Examination- 2020 conducted on Jan 19<sup>th</sup> 2020.




## **LIST OF PARTICIPANTS IN CERTIFICATE COURSES**


<b>DATE</b>	<b>NAME OF PROGRAMME</b>	<b>NAME OF PARTICIPANTS</b>	<b>YEARS</b>
15/10/2020	MICROSOFT AI CLASSROOM SERIES	SURYA MURALEEDHARAN	3 DC
26/09/2020	INTERNATIONAL OBSERVE THE MOON NIGHT 2020	SURYA MURALEEDHARAN	3 DC
16/10/2020	GEOSPATIAL APPLICATIONS FOR DISASTER RISK MANAGEMENT	SURYA MURALEEDHARAN	3 DC
18/10/2020	MERITORIAM KNOWLEDGE ACADEMY- DEEP LEARNING	SURYA MURALEEDHARAN	3 DC
17/10/2020	INTRODUCTION TO ELECTRONICS-	M S ARUNIMA	3 DC
9/9/2020	ASTRONOMY:EXPLORING TIME AND SPACE	ATHIRA KRISHNA	3 DC
28/09/2020	IMPROVE YOUR ENGLISH COMMUNICATION SKILLS	BILNA BINU	3 DC
8/4/2020	INTRODUCTION TO ARTIFICIAL INTELLIGENCE	ALEENA SOSA CHRISTOPHER	3 DC
2/4/2020-4/6/2020	LEARNING PHYSICS THROUGH SIMPLE EXPERIMENTS	ALEENA SOSA CHRISTOPHER	3 DC
5/5/2020	CAREER EDGE- KNOCKDOWN THE LOCKDOWN	ALEENA SOSA CHRISTOPHER	3 DC
23/06/2020-03/07/2020	SATELLITE PHOTOGRAMMETRY AND ITS APPLICATION	AKHILA G NAIR	2 DC
		ANAGHA K REJI	2 DC
		FATHIMA SULTHANA	2 DC
		JITHU K MATHEW	2 DC
		MARIYA SUSAN LAL	2 DC
		MEGHA ANIL	2 DC
		NANDANA VIJAY	2 DC



10/6/2020	PROGRAMMING WITH PYTHON	ROSEMOL BOBY	3 DC
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 **MERITORIUM**  
KNOWLEDGE ACADEMY


 **UPSC=Fever**  
INDIA'S #1 WEBSITE FOR COMPETITIVE EXAM PREPARATION

**MERITORIUM KNOWLEDGE ACADEMY**  
**Surya Muraleedharan**  
**BCM college**  
HAS SUCCESSFULLY COMPLETED  
**Deep Learning** With 100%. The passing percentage was 60%

Date of test: 18-10-2020  
Certificate id: HJCUEO-CE001627

Website : [www.meritorium.co.in](http://www.meritorium.co.in)  
Contact : +91 93247 64352  
Address : L-4/7, Swapnapoorti CHS, Sector-36,  
Kharghar, New Mumbai- 410210  
Email Us : [director.meritorium@gmail.com](mailto:director.meritorium@gmail.com)



  
**Jayant S. Ramteke**  
(B Tech IIT B, PGDM, IIM C)

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 न्याय विभाग  
DEPARTMENT OF  
Justice

 my  
GOV  
मेरी सरकार

 Pledge

Render My Service for  
**#FightAgainstCorona**

I resolve, that I shall render my service to the nation when called upon to do so. I shall abide by all Government directions relating to Lockdown, Quarantine, Isolation or any other instructions and advisories for protecting my nation and my fellow citizens & strengthen the **#FightAgainstCorona**. I shall act responsibly in fulfilling my duty and inspire others also to do so.

**#ItsMyDuty**

 8485688299

  
Devika K. Sunil  
Signature

August, 19 2020





## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**PRIYAMOL M**

for successfully completing the course

### Waves and Oscillations

with a consolidated score of **46** %

Online Assignments	14.03/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **40**

*C. Harinath*

**Prof. Harinath Chakrapani**  
Dean, International Relations and Outreach  
IISER Pune

Sep-Dec 2020  
(12 week course)

*Andrew Thangaraj*

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



IISER - Indian Institute of Science Education  
and Research Pune

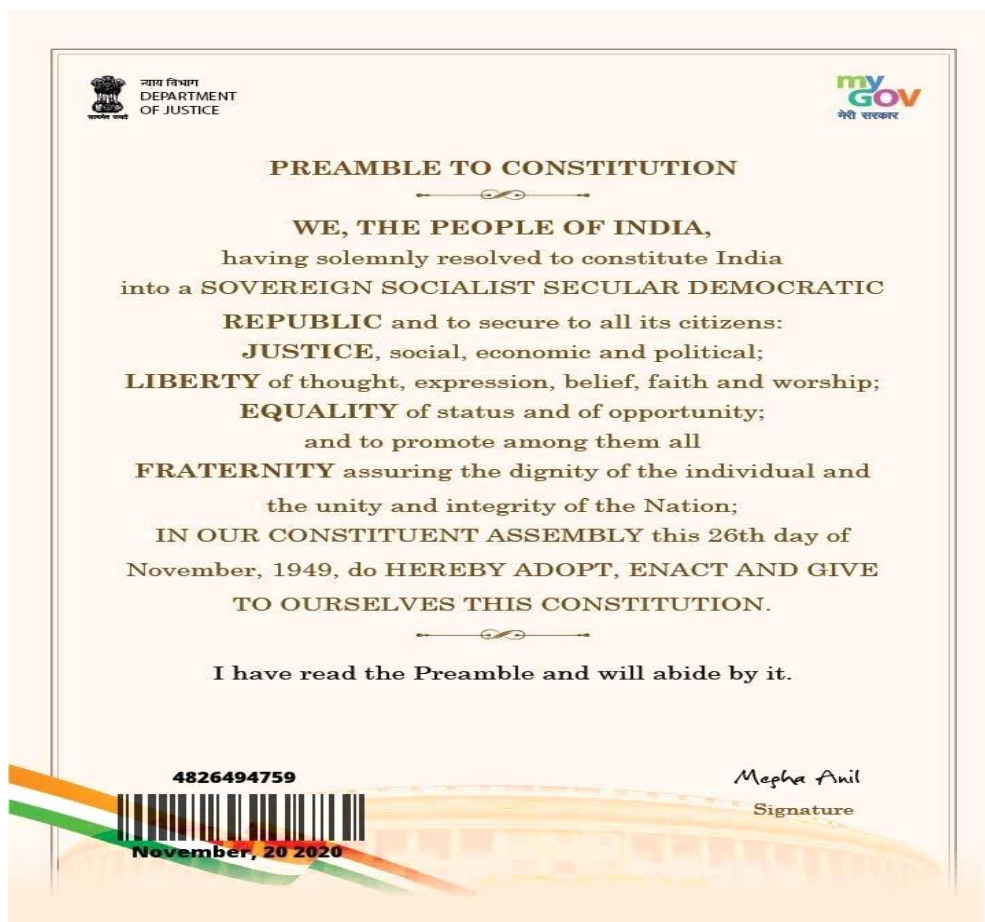


Roll No: NPTEL20PH22S51830184

To validate and check scores: <https://nptel.ac.in/noc>

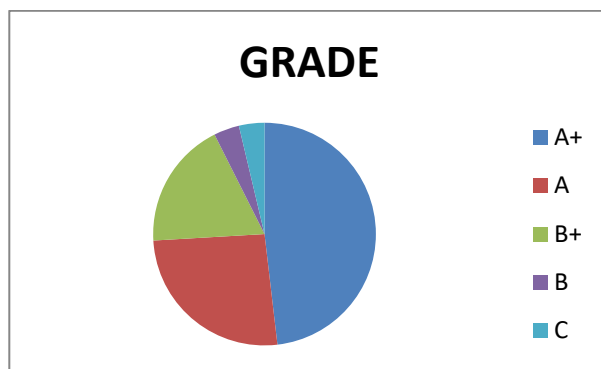






## 1.1 A+ HOLDERS

In the academic year 2019-20, 29 students appeared in the university examination. Thirteen of them secured A+, 7 students secured A grade, five students secured B+, one student each secured B and C grade. The total pass percentage for the year 2019-20 is 93%. Ameesha S secured first rank, Ardra Dhananjayan secured second rank and Megha Suresh secured third rank.













## 1.2 SCHOLARSHIPS GIVEN BY THE DEPARTMENT

Scholarships were given to students who need financial help to going for higher studies. The scholarship is given by retired head of the department Miss. Rebacca Thomas.



2020-21 Jija Korah Endowment					
Name and Address	Department				
<p>1. Gopika Jayakumar.                      ✓ Kattathara,                      Chakkachampakka,                      Kaimady P.O,                      Alappuzha.                      Ph.No:- 7558933223</p>	<p>Chemistry                      St Mary's College,                      Manarcad.</p>				
<p>2. Kavga U.M                      ✓ Mamaluvila Veedu,                      Chiraakkaman                      Kuttichal P.O                      Thiruvanthapuram                      Ph.No:- 9895620652</p>	<p>Zoology                      Msc Zoology,                      University College, Palayam                      T.V.M.</p>				
<p>3. Julia Johnlet,                      ✓ Puthenparambil (CH),                      Champakara P.O                      Karukachal,                      Kottayam                      Ph.No:- 9961882493</p>	<p>English                      MA English,                      St Mary's College                      Manarcad</p>				
<p>4. Meera Mathew.                      ✓ Moozhur (CH)                      Karukachal P.O                      Ph.No:- 8921427729</p>	<p>Economics                      St. Joseph College of                      Teacher Education.                      Ernakulam.</p>				
			<p>5. Abhinaya Murugesan                      ✓ Abhinaya Bhayan,                      Kottamala III<sup>rd</sup> Division                      Kottamala P.O                      Vayamon,                      Idukki                      Ph.No - 8078875993</p>	<p>Physics                      MSc Physics                      Govt. college Nattakom</p>	
			<p>6. Nayana N                      ✓ Poshickal (CH)                      Purakkad P.O                      Alappuzha - 686561                      Ph.No:- 8921682592</p>	<p>Physics                      M.Sc Physics                      St. Aloysius                      College, Edattoma</p>	

## 1.3 SEMINARS / WORKSHOPS CONDUCTED

### **INTERNATIONAL WEBINAR: LIGHT AND HEALTH – AND WHERE IS PHYSICS THERE?**

An international webinar series was conducted on 16 November 2020 via google meet. The meeting started at 5:30pm. Asst. Prof. Dr. Elizabeth V John delivered the welcome speech. The presidential address was given by vice principal Dr. Annu Thomas. Carmel Rose Benny of 2<sup>nd</sup> DC moderated the seminar.

Our resource person was Marina Khazova, principal researcher in Laser and Optical radiation Dosimetry group in public Health England. She has more than 35 years of experience of research and development in Academia, Major International technological companies and public sector. She is currently responsible for a development of new methodologies and instrumentation methods for the assessment of effects of optical radiation on human health. She provides advice to government, local authorities and general public; involved in promotion of public awareness in risks and benefits associated with optical radiation.

Marina is a UK technical expert in international standard committees on medical equipment, sources of optical radiation, eye protection and optical metrology. She co-authored more than 70 scientific papers and patents.

She provides advice to government, local authorities and general public. She explained the role of physics in light and health. The session was very informative and enlightening. Many students asked questions about real life physics related situations and Marina clarified their queries.

The program came to an end by 6:30pm with a vote of thanks from Association Secretary Athira Krishna.

**INTERNATIONAL WEBINAR**  
**TOPIC: LIGHT AND HEALTH - AND WHERE IS PHYSICS THERE?**

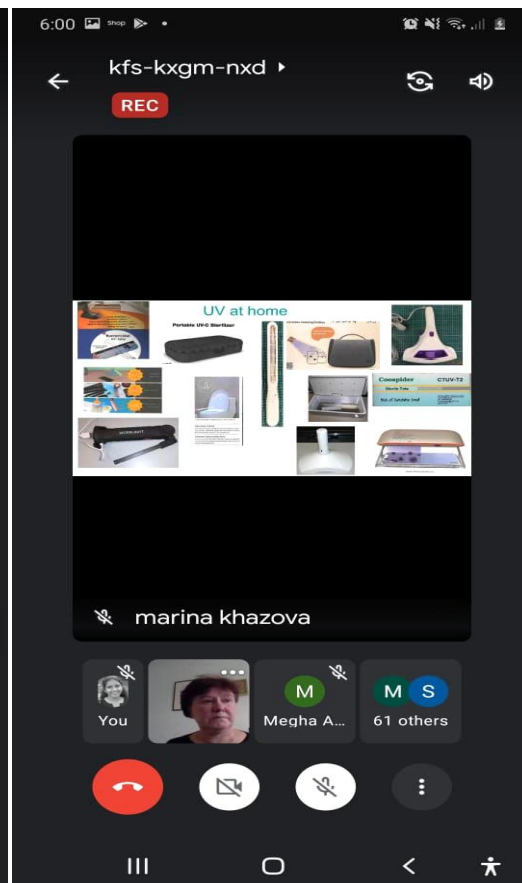
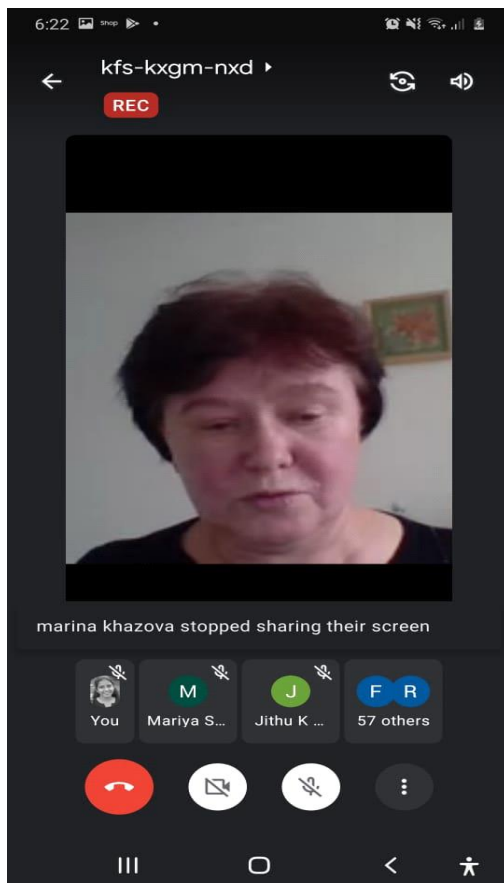
**Department of Physics**  
Bishop Chulaparambil Memorial College, Kottayam

Date: 16 November 2020



**RESOURCE PERSON**  
*Marina Khazova*  
Principal Researcher  
Laser and Optical Radiation Dosimetry  
Public Health England

Venue: Google meet  
@ 5:30 pm  
<http://meet.google.com/kfs-kxgm-nxd>



## 1.4 Days Observed

Sl No	Day Observed	Date
1.	Hiroshima Day	06.08.2020
2	Onam Celebration	27.08.2020
3	Teachers Day	05.09.2020
4	Ozon Day	16.09.2020
5	Christmas Celebration	17.12.2020

### 1.4.1 HIROSHIMA DAY

On 6<sup>th</sup> August 2020, our department commemorated the Hiroshima day in association with the Breakthrough Science Society by organizing a webinar and arranging speech and quiz competition for students to spread the awareness of science towards peace.

The webinar was well ordered, it started at 11:30am with a silent prayer and followed by the welcome speech by our HOD Asst Prof. Smitha Joseph. Principal Dr. Teena Anna Thomas greeted everyone and wished more achievements and good health. The resource person of the webinar was Retd. Prof. P. N. Thankachan, who spoke about the Hiroshima day, 1st and 2<sup>nd</sup> World War, the impact of the atomic bomb in Germany and Japan and also about the “Hibakushas” in a very splendid way and given us a glimpse of knowledge from everywhere related to the need of science towards peace. Dr. Elizabeth. V. John and Dr Reenu Elizabeth John also shared their thoughts on Hiroshima day and admonished the need of praise in growing technologies. The webinar came to an end by a vote of thanks by Association President Miss Surya Muraleedharan.



**BISHOP CHULAPARAMBIL MEMORIAL COLLEGE KOTTAYAM**  
DEPARTMENT OF PHYSICS

In association with Breakthrough  
Science Society Kottayam  
commemorates Hiroshima Day

**Webinar:  
Commemorating  
Hiroshima Day**

Resource person:  
Fr. K.V.Paulose  
Prof(retd), Baselius College  
Kottayam

August 6, 11:30 am

via Googlemeet  
miz-ecuo-goj

## 1.4.2 ONAM CELEBRATION: “COR-ONAM 2020”

Despite of the pandemic has changed the conventional nature of Onam celebrations but it has not lowered the spirit of students. Onam was celebrated as online-live on 27<sup>th</sup> August 2020 via Google Meet at 11:30 am. Everyone seemed to be following suit, organized and participated online live Competitions exclusively for the students.

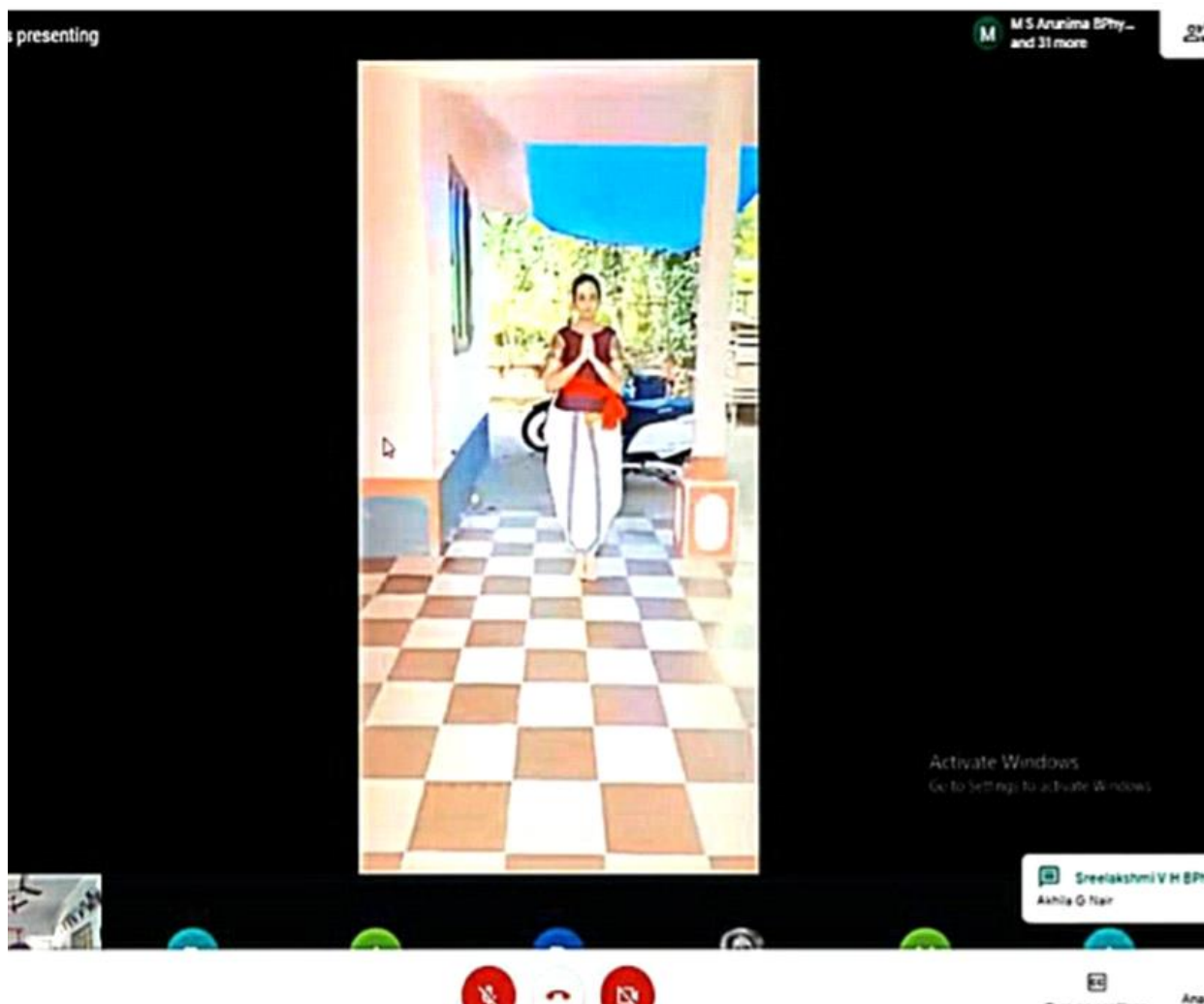
The program started with silent prayer. Head of the department Asst. Prof. Smitha Joseph addressed everyone and wished a prosperous onam. Asst. Prof. Dr. Elizabeth V John and Dr. Reenu Elizabeth also wished everyone and shared their thoughts on onam.

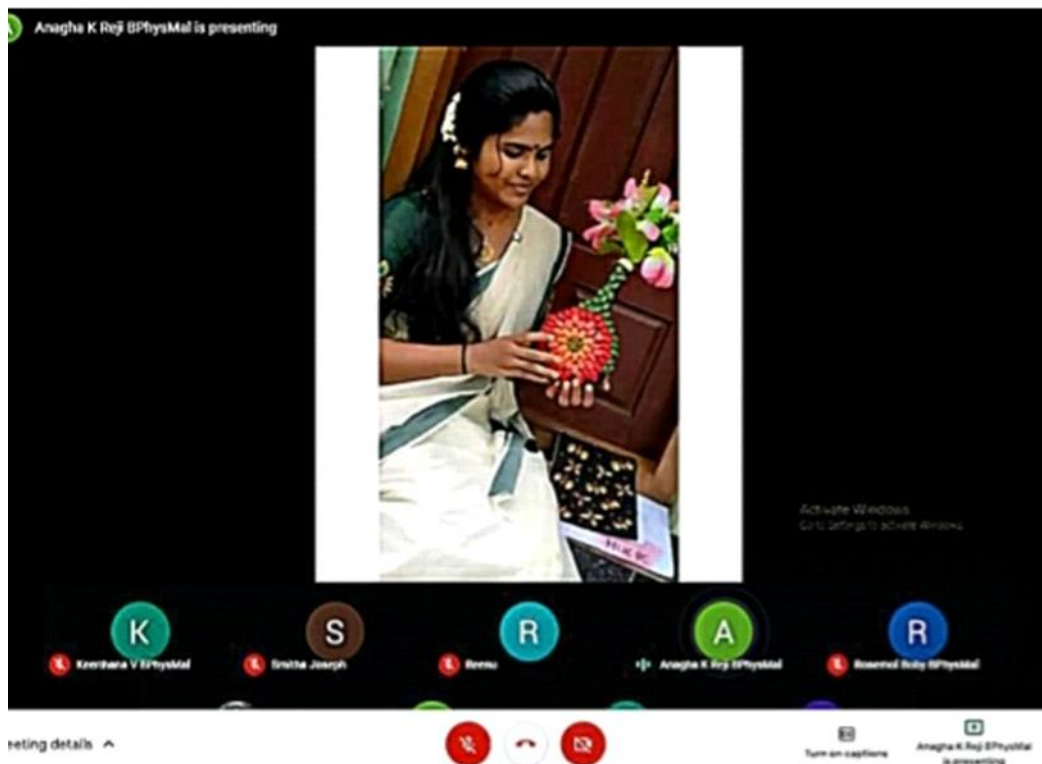




## EVENT 1: MALAYALIMANGA COMPETITION

An array of interesting programmes was organized as our department including online live “Malayalimanga” competition with 3 rounds where the first round for talent performance and the final round for the personality assessment as 1<sup>st</sup> and 2<sup>nd</sup> rounds were recorded at home and final was went live online in google meet. Akhila G Nair (2<sup>nd</sup> year) titled as “Malayalimanka 2020”. Arya C M (3<sup>rd</sup> year) secured 2<sup>nd</sup> place and Bilna Binu (3<sup>rd</sup> year) secured 3<sup>rd</sup> place.





## EVENT 2: ONAPATTU COMPETITION

“Onapattu” competition by recording onapattu at home and displaying the video online, Keerthana . V (2<sup>nd</sup> year) secured first place, Parvathy. S (3<sup>rd</sup> year) secured second place and Neeraja K Shaji (2<sup>nd</sup> year) got the third place.

## EVENT 3: ATHAPOOKALAM COMPETITION

“Athapookalam” competition where setting athapooklam with flowers at home and sending the photographs online, Soorya Raveendran(2<sup>nd</sup> year) secured first place, Devendu. M. Deepakumar (2<sup>nd</sup> year) came second place and M.S.Arunima(3<sup>rd</sup> year) secured third place.

Onam festivities have taken a virtual turn in performing traditional art forms from their home. As a whole the celebration was splendid and well arranged the program ended by 4.00 pm with a vote of thanks by the Association.

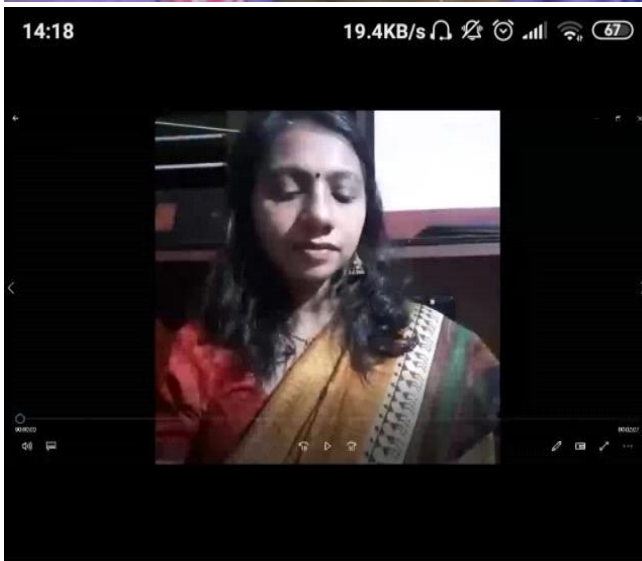
### 1.4.3 TEACHERS DAY

Teachers’ day is celebrated annually on September 5 to mark the birthday of the country’s former President, Scholar, Philosopher and Bharat Ratna awardee, Dr S. Radhakrishnan. Our department conducted a very well-organized teachers day celebration on the same day showing gratitude towards our teachers. We invited teachers to join us in the online meeting.

The program started by 2:00 pm with a silent prayer. Welcome speech by Akshaya Jeenraj (2<sup>nd</sup> DC) and teachers day wish by Carmel Rose Benny (2<sup>nd</sup> DC). We presented a video album of our teachers as a token of love and gratitude in which every student wishing them a happy teacher’s day. Events included Teachers Talent Round and 2020 viral “Don’t Rush up Challenge – pass the message” of teachers day in which whole of the students and teachers were participated.

HOD Asst. Prof. Smitha Joseph, Asst. Prof. Dr.Elizabeth V John, and Dr. Reenu Elizabeth conveyed there immense joy and support towards the students. The program came to an end by 3:00pm.





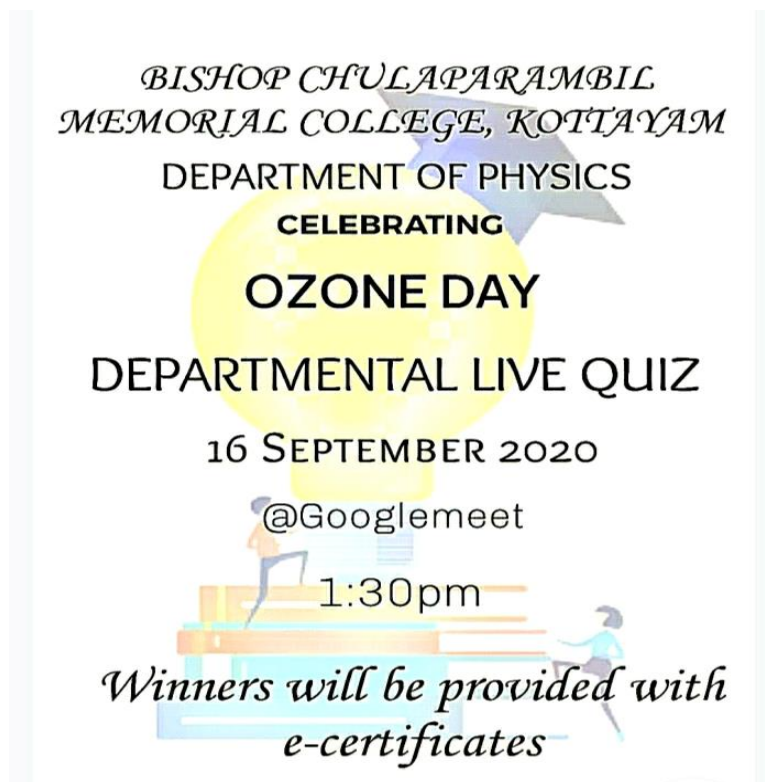


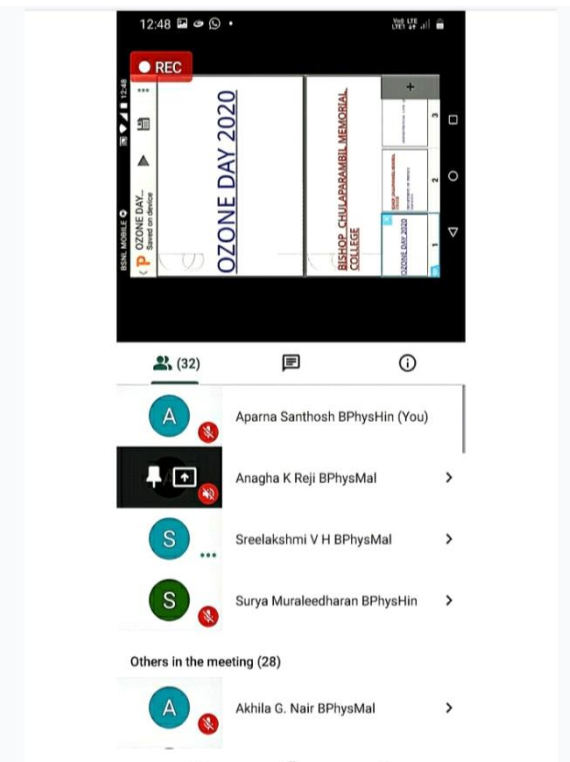
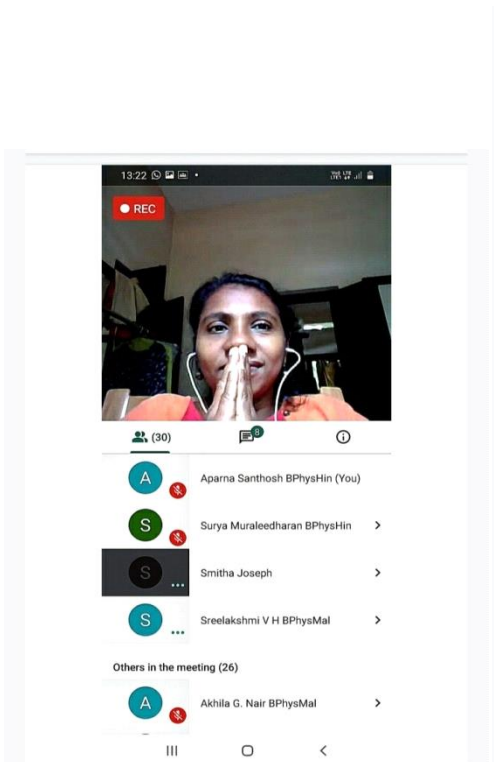
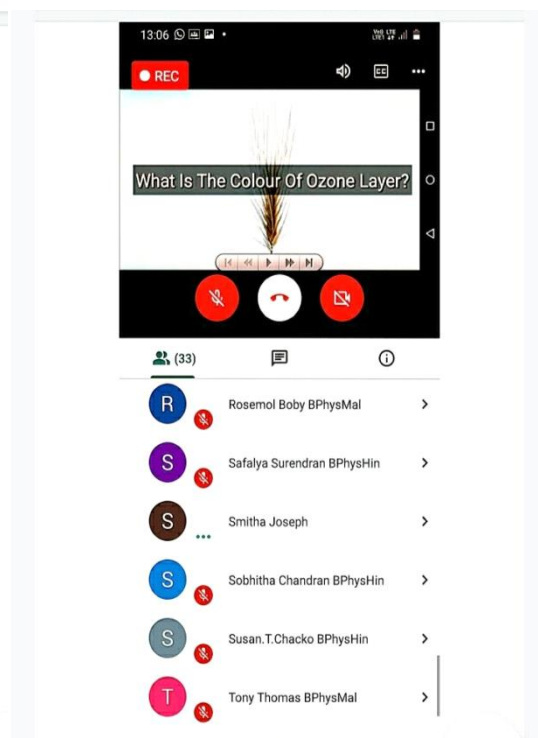
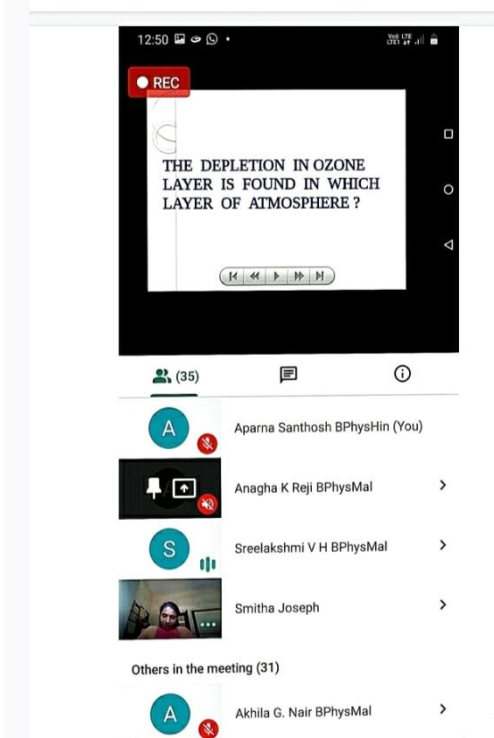


## 1.4.4 OZONE DAY

The annual World Ozone Day is being observed on 16<sup>th</sup> September 2020 as it is observed every year on September 16 to spread awareness among people about the ozone layer and discover possible solutions to preserve it. The department of Physics conducted a live online quiz on Ozone Day within the department. Asst. Prof. Smitha Joseph, Asst. Prof. Dr. Elizabeth. V. John and Dr Reenu Elizabeth John presided the online session. M.S. Arunima of 3<sup>rd</sup> DC got the first place. Akshaya Jeenraj and Rona Roy of 2<sup>nd</sup> DC shared the second place and Meenakshi Omanakuttan of 3<sup>rd</sup> DC secured third place. Winners were awarded with E-Certificates.

An Interdepartmental Cartoon Competition on the topic “Ozone for Life” was also conducted from 14<sup>th</sup> September to 16<sup>th</sup> September. Participants were asked to send their works via Whatsapp. Susan T Chacko (2<sup>nd</sup> DC) from Physics Department came first place and Ashika Sajimon (3<sup>rd</sup> DC) from Zoology Department got the second place. E-Certificates were provided to all the participants.



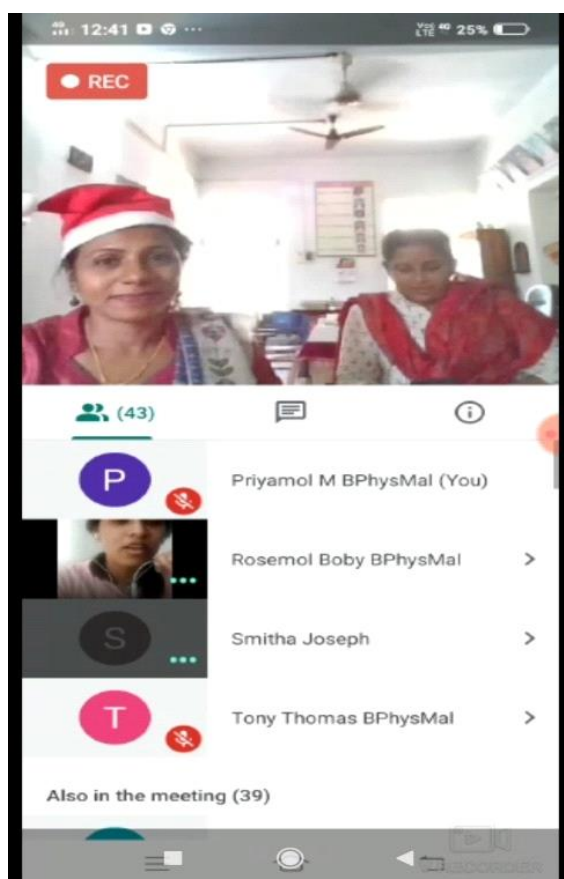


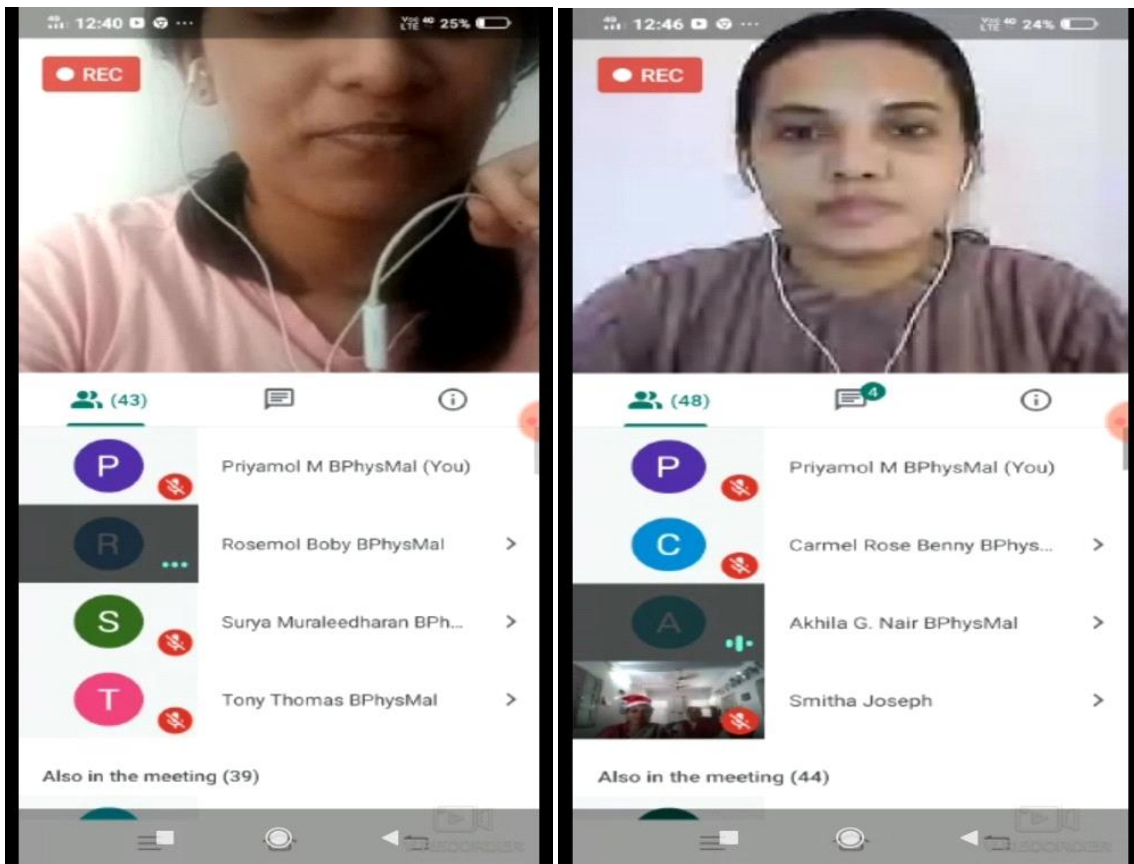




## 1.4.5 CHRISTMAS CELEBRATION

Christmas celebration was conducted on 17<sup>th</sup> December via Google Meet from 12:30 PM to 11:30 PM. Head of the department Asst. Prof. Smitha Joseph, Asst. Prof. Dr. Elizabeth V John, Guest Lecturer Miss. Elizabeth Jeessa attended the meeting. Welcome speech was given by Rosemol Bobby of 3<sup>rd</sup> DC. All the teachers shared their thought and delivered their Christmas message. Akhila G Nair of 2<sup>nd</sup> DC shared a Christmas story with everyone. Christmas songs were sung by Aleena Anna Alex (3<sup>rd</sup> DC), Akshaya Jeenraj(2<sup>nd</sup> DC), Nivya(1<sup>st</sup> DC), Keerthana (2<sup>nd</sup> DC) and Lakhmi (1<sup>st</sup> DC). A video of Christmas card making by Aleena Sosa Christoper of 3<sup>rd</sup> DC was presented. Soorya Ravendran of 2<sup>nd</sup> DC performed a marvelous dance which added color to the celebration. A quiz competition related to Christmas was also conducted. Association President Surya Muraleedharan addressed the meeting and wished everyone happy Christmas. Felicitation speech was given Association Vice President Tony Thomas. And the celebration came to an end with a vote of thanks from Betty James of 3<sup>rd</sup> DC.

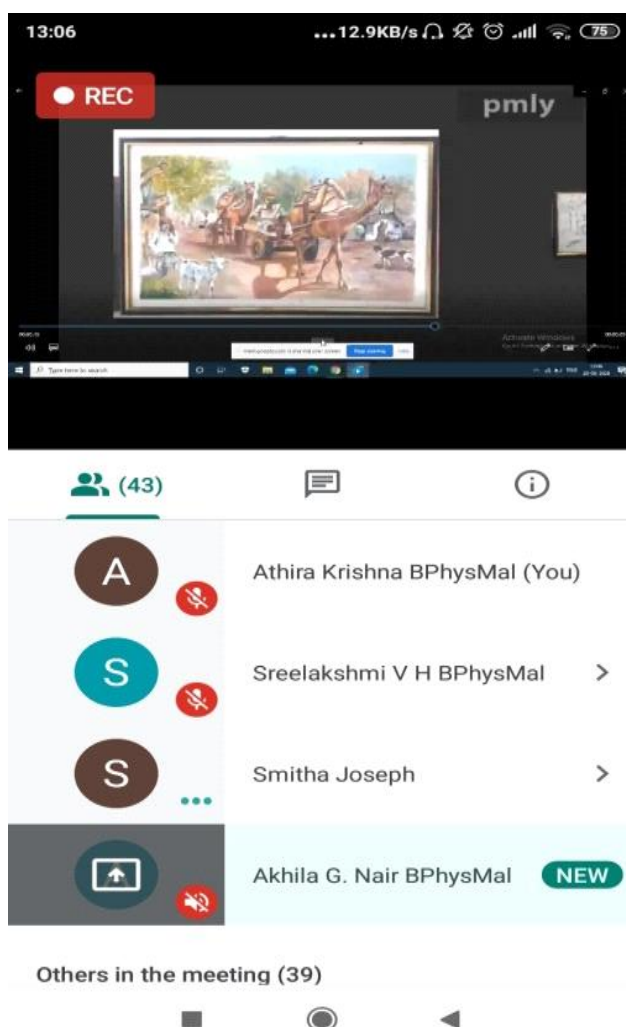




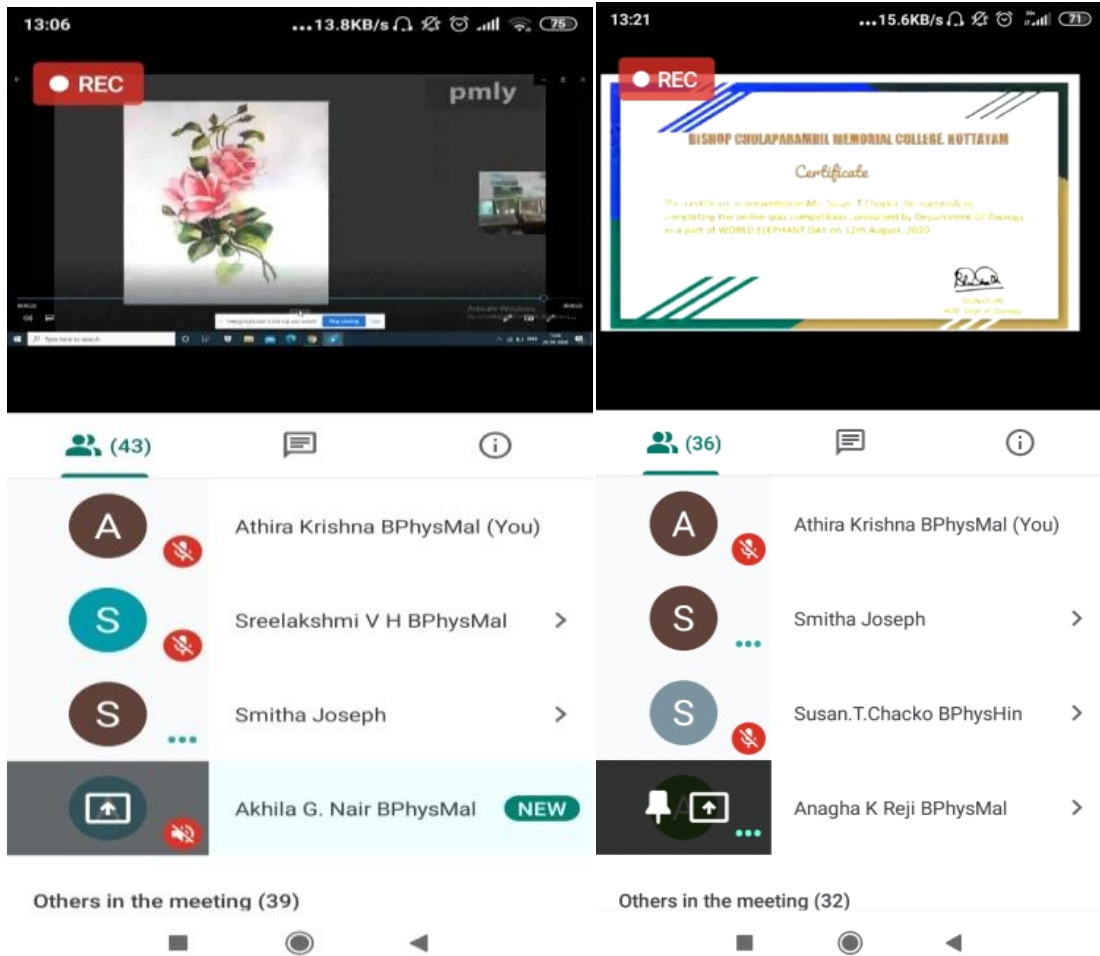
## 1.5 Exhibition Conducted

### 1.5.1 ONLINE TALENT EXHIBITION

As Corona locked everyone at home, an empowerment was needed to bring back the spirit of students. An online talent exhibition was conducted for the students on 20<sup>th</sup> August 2020 where students and teachers are gathered on online platform Google Meet for a greet and meet session. Light music by Akshaya Jeenraj and Rona Roy refreshed the event and exhibition of craftworks done during the lockdown period such as oil painting by Akhila G Nair, participation certificates of Susan T Chacko, Keerthana V illuminated the event.







## 1.5.2 VARAMUZHI

An art and installations exhibition VARAMUZHI was organized by BCM NSS, BCM BEAMS, EBSB and Entrepreneurship Development Cell on 16 and 17 March 2021. Akhila G Nair and Litty Sebastian of II DC Physics exhibited their painting for the exhibition. Retd. Prof Geetha G also presented her works. Their works were highly appreciated by all.



## **1.6 Personality Development / Student Empowerment Programs**

### **1.6.1 INTERNATIONAL WEBINAR ON HIGHER STUDIES OPPORTUNITIES IN EUROPE**

International Webinar was organized by department of Physics and IQAC on 11<sup>th</sup> September 2020 on the topic higher studies opportunities in Europe. The online session which started by 6:30 pm was open to graduates and undergraduates in all disciplines. Assistant Professor Dr. Elizabeth. V. John hosted the session.

The resource person Viktoria Bodnarova, is the second Regional Representative of EURAXESS Latin America and Caribbean, as of 2020. EURAXESS is also your gateway to Science for all, a Commission's initiative helping foreign researchers find suitable jobs in today's challenging research landscape. Her main role is to inform the community of researchers of all scientific domains and nationalities based in Latin America and the Caribbean about the funding and career opportunities. She spoke about educational services and opportunities. She spoke about educational services and opportunities that will be provided, what higher education in Europe has to offer to students worldwide, provided information about organizing and funding study and research periods abroad in Europe, European higher education organizations connect with potential students and partner organizations.

There are more than 700 views for the international webinar on higher studies opportunities in Europe. The session came to an end by 7:30 pm with a vote of thanks by Vice Principal Dr. Stephy Thomas, BCM College.

**INTERNATIONAL WEBINAR**  
**ORGANISED BY IQAC AND DEPARTMENT OF PHYSICS**  
**BISHOP CHULAPARAMBIL**  
**MEMORIAL COLLEGE, KOTTAYAM**



**Resource Person**



**VIKTORIA BODNAROVA**  
(Regional representative EURAXESS worldwide)

**Higher Studies Opportunities**  
**in Europe**

**Open to undergraduates and**  
**graduates in all disciplines**

**11TH SEPTEMBER 2020, 6:30PM**

**@GOOGLEMEET**

**Link for registration : <https://forms.gle/864nQX7kn>**  
**u8DGP45A**



YouTube interface showing a live stream titled "International Webinar on Higher Study Opportunities in Europe". The video player shows a woman speaking. The top chat replay shows messages from users like Annu Thomas, Greeshma Esther, and Ajina Sojan.

viktor

International Webinar on Higher Study Opportunities in Europe

785 views · Streamed live on Sep 11, 2020

69 likes 2 comments

Principal BCM College

Top chat replay

- Annu Thomas Good evening
- Greeshma Esther Good evening
- Ajina Sojan good evening 😊
- Madhavi Chandra good evening mam
- ANNA TREESA SAJI good evening
- Anjali R good evening
- Archana Satheesan good evening
- Nimisha Benny Good Evening
- SNEHA VARGHESE Good evening ma'am
- Aparna Santhosh Good Evening
- Sandra Anna Joy Good evening
- Akhi ta Good evening everyone
- Sethu Lakshmi Good evening
- SOBHITHA CHANDRAN Good evening
- GAYATHRI V Good evening
- Twinkle Saji Good Evening Everyone

YouTube interface showing a live stream titled "International Webinar on Higher Study Opportunities in Europe". The video player shows a woman with glasses speaking. The top chat replay shows messages from users like Greeshma Esther, Ajina Sojan, and Madhavi Chandra. A Netflix advertisement is visible at the bottom right.

viktor

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- GAYATHRI V Good evening
- Twinkle Saji Good Evening Everyone
- Rehana k good evening

NETFLIX

What is Horizon 2020?  
The EU's programme for research & innovation 2014-2020  
C77 billion over 7 years

- Investing in future jobs and growth
- Addressing people's concerns about their livelihoods, safety and environment
- Strengthening the EU's global position in research, innovation and technology

5:44 / 1:12:55

International Webinar on Higher Study Opportunities in Europe  
785 views · Streamed live on Sep 11, 2020

Principal BCM College

https://euraxess.ec.europa.eu/worldwide

EURAXESS

JOBS & FUNDING | CAREER DEVELOPMENT | PARTNERING | INFORMATION & ASSISTANCE | NATIONAL PORTALS | EURAXESS WORLDWIDE | BY EURAXESS | EXTRANET

ASEAN  
AUSTRALIA & NEW ZEALAND  
LATIN AMERICA & CARIBBEAN (LAC)  
CHINA  
INDIA  
JAPAN  
KOREA  
NORTH AMERICA

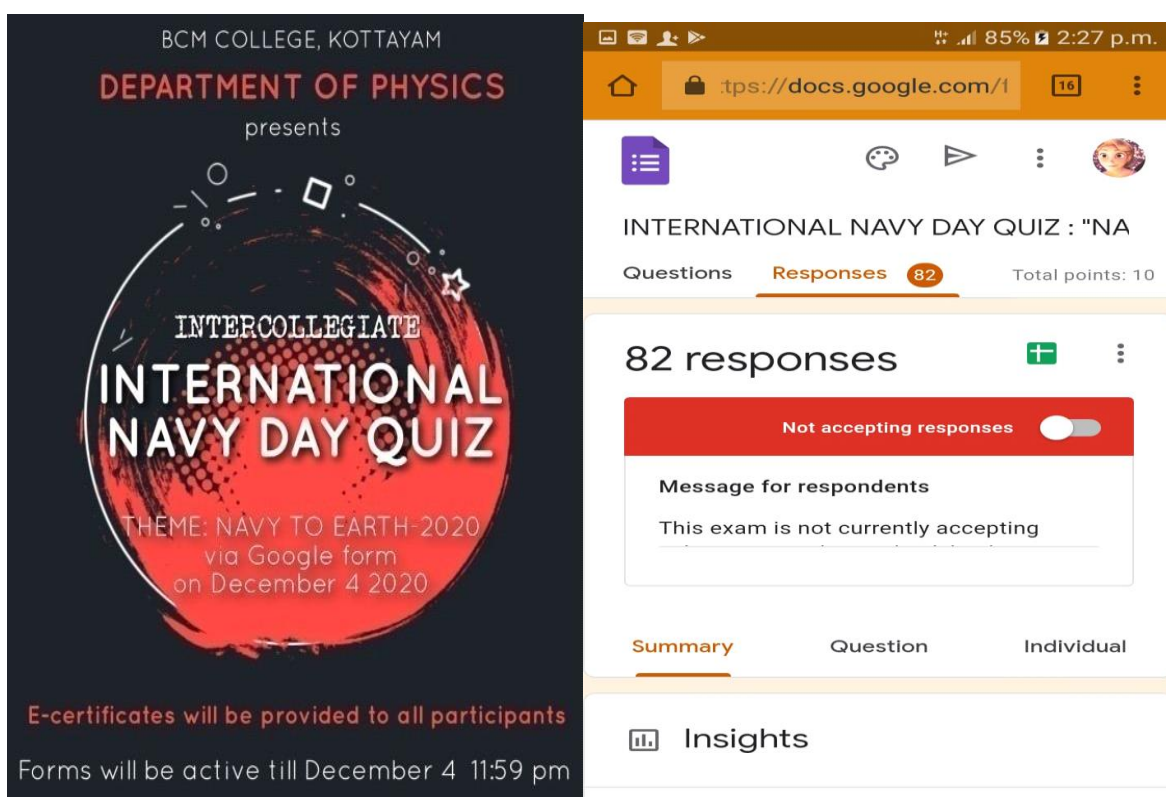
9:49 / 1:12:55

International Webinar on Higher Study Opportunities in Europe  
785 views · Streamed live on Sep 11, 2020

Principal BCM College

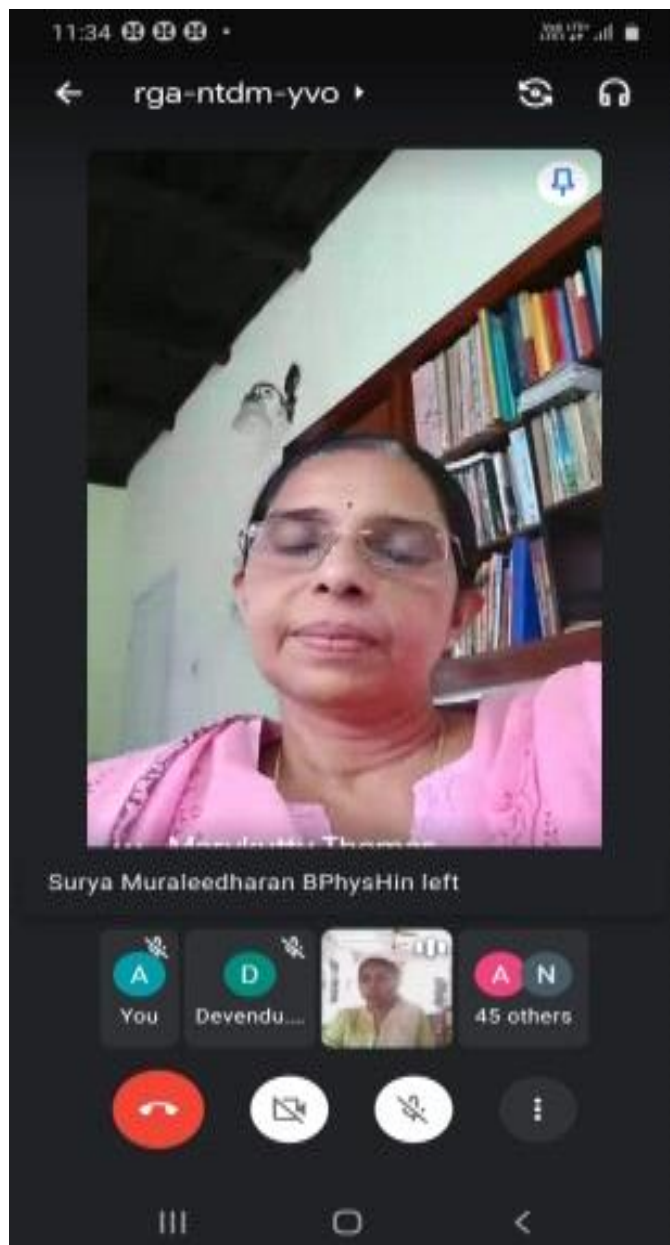
## 1.6.2 INTERNATIONAL NAVY DAY- A Career Oriented Program

On 14<sup>th</sup> December 2020 as part of International Navy Day an intercollegiate quiz competition was conducted on the theme “Navy to earth – 2020” via google form. Navy day is celebrated every year to commemorate the achievements of Indian navy. This was an opportunity for students to know more about the career in Navy. E- certificates were provided to all the participants. 82 people participated in the quiz and the event was a great success.



### 1.6.3 ASSOCIATION INAUGURATION

“Shastra” Physics Association was inaugurated on 14<sup>th</sup> December 2020 by former head of the department Dr. Marykutty Thomas. The event started at 11:30AM and was moderated by Jithu. K. Mathew. The welcome speech was delivered by Asst. Prof. Smitha Joseph. Chief Guest of the day Dr. Marykutty Thomas inspired all the students through her wise words. The meeting came to an end by 12:30 PM with a vote of thanks by Association Secretary Athira Krishna.

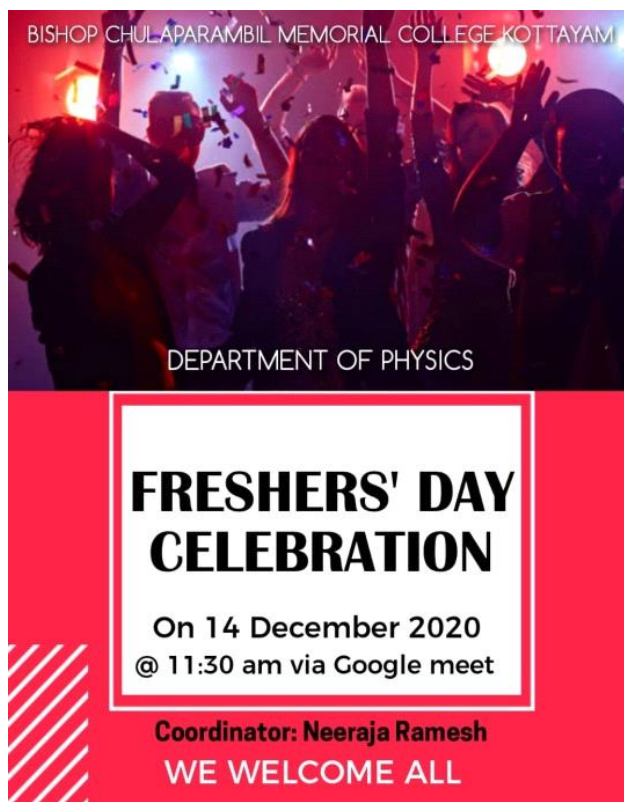


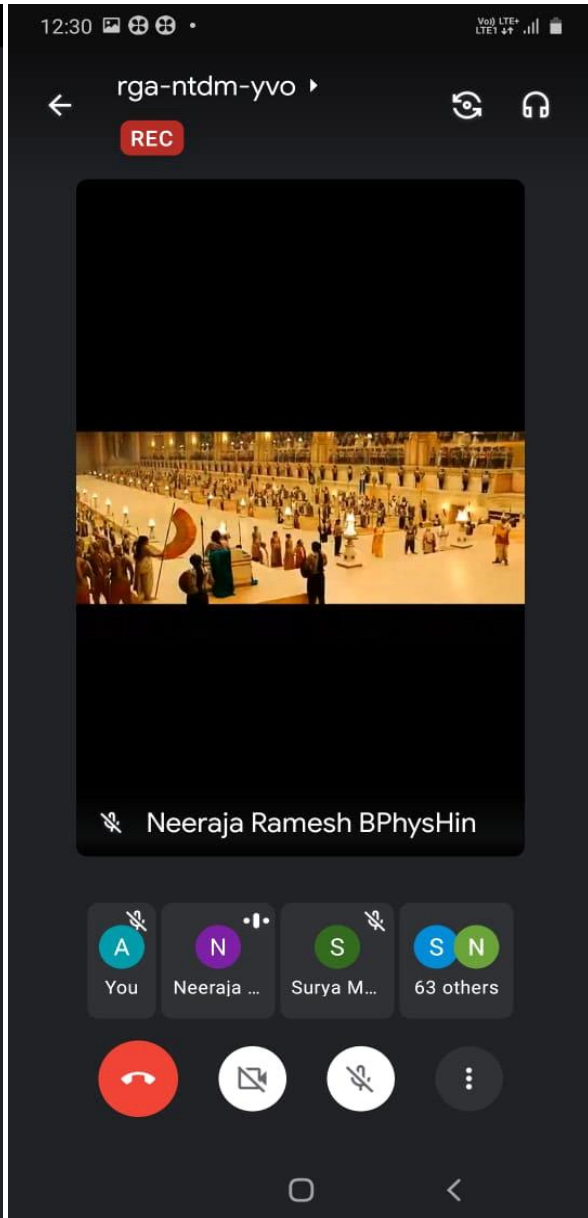
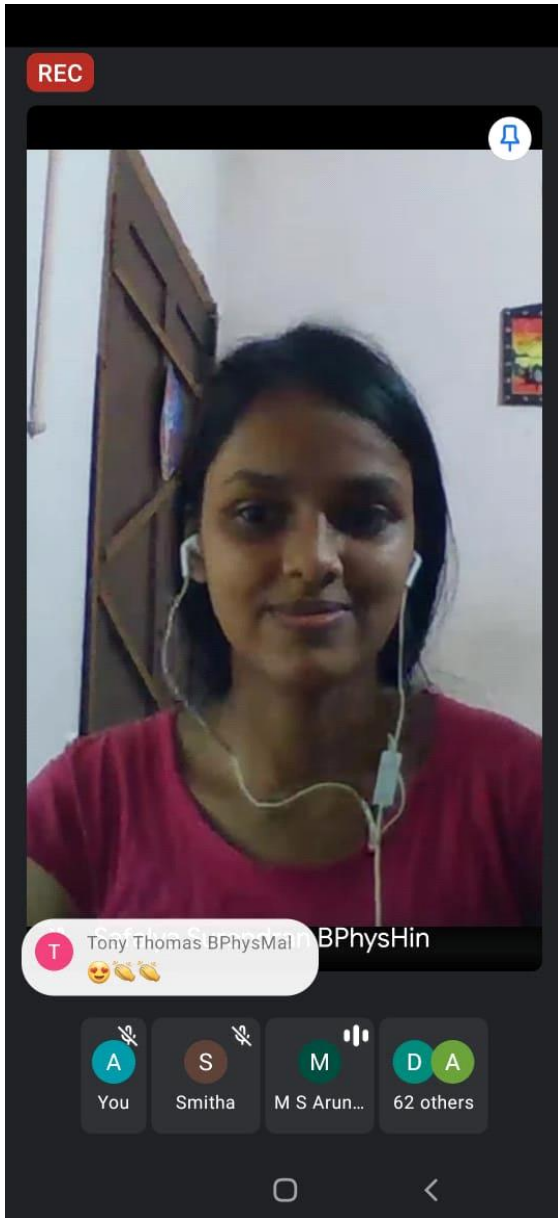


## 1.6.4 FRESHERS DAY

Department of Physics conducted the fresher's day on 14<sup>th</sup> December 2021. The programme was hosted by the third years of the department under the guidance of the association president Surya Muralidharan (3<sup>rd</sup> DC) and was coordinated by Neeraja Ramesh (3<sup>rd</sup> DC).

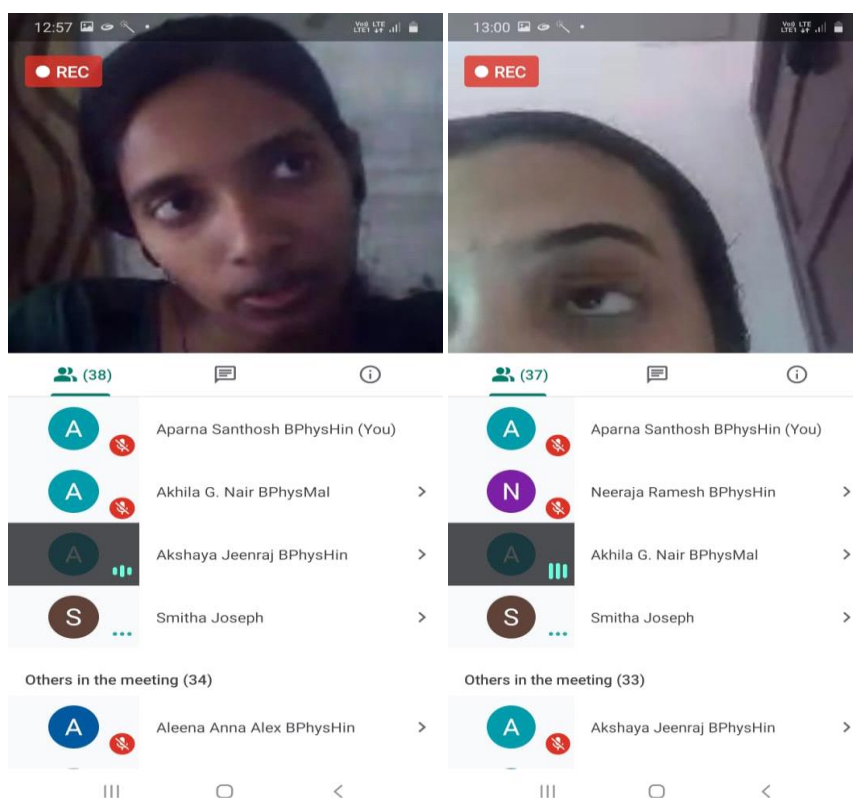
Neeraja Ramesh (programme coordinator) welcomed the new comers to our department. Asst. Prof. Smitha Joseph (HOD of the department) and Asst. Prof. Dr. Elizabeth V. John greeted the 1<sup>st</sup> years. The programme was enriched with various performances and competitions. Arunima and Arya (3<sup>rd</sup> DC) made the starting wonderful with their dance performance. Video, memory test, Riddles & Tongue Twisters, Letter Scavenger Hunt & Liar competition, Dub smash, Emoji finder, Speak up mother tongue, Emoji maker, English & Malayalam translation & Bgm finder competition by Neeraja Ramesh & M.S Arunima (3<sup>rd</sup> DC) made the event more interesting. The programme went auspicious with the active participation of the 1<sup>st</sup> year students. The programme once again showcased the hard work and coordination of the Physics department.





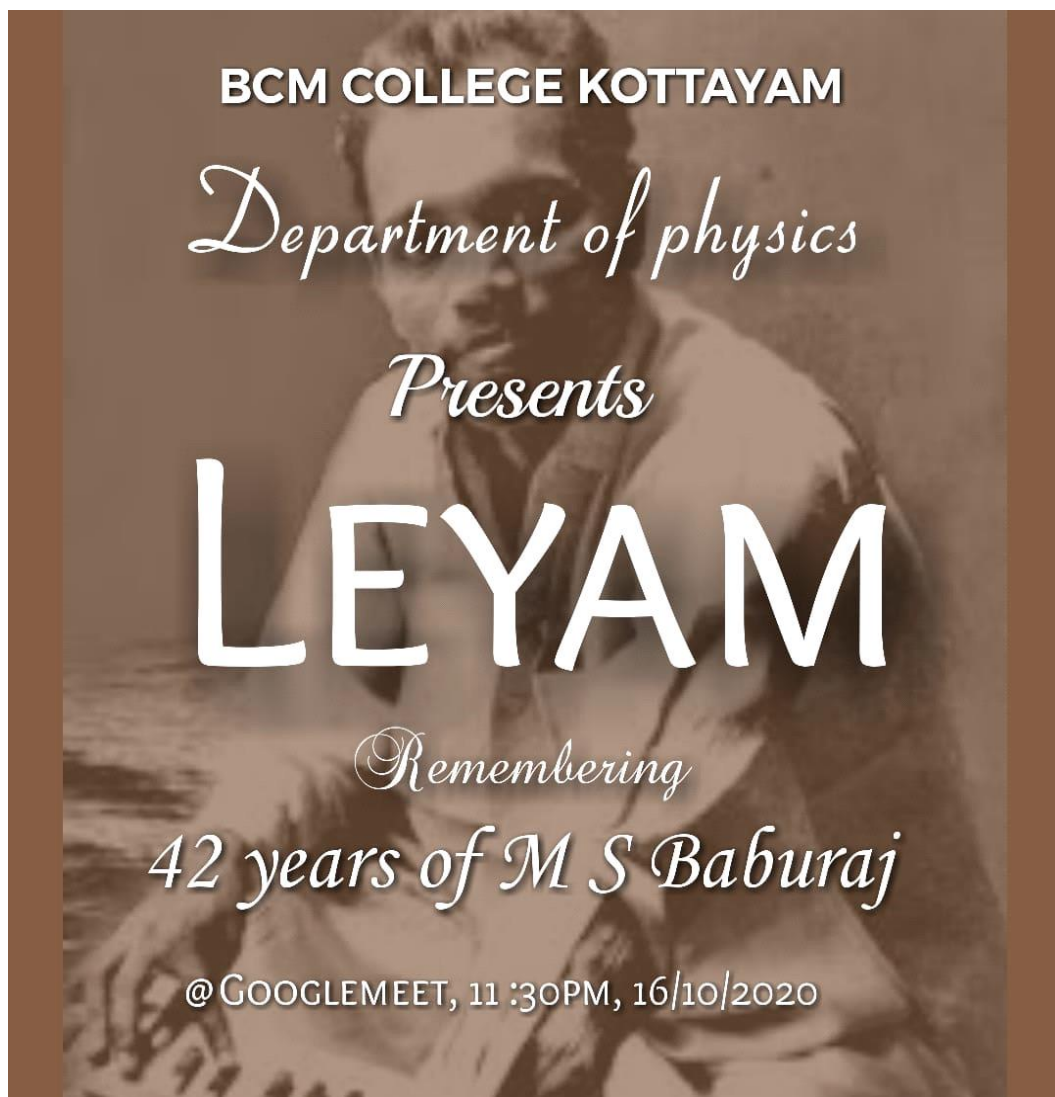
## 1.6.5 INTRADEPARTMENTAL DEBATE COMPETITION

As a part of the extracurricular activity an online debate competition on the topic 'online education' was conducted on 24<sup>th</sup> September 2020, to promote critical thinking in students. Asst. Prof. Smitha Joseph presided over the session. Though many limitations were there for conducting the debate online, participants were precise about their points. There were three groups of two debaters, one speaking against the topic and the other supporting the topic. The debate revealed many aspects of students about online education. HOD Asst. Prof. Smitha Joseph moderated the session and congratulated all the participants. Akhila. G. Nair and Akshaya Jeenraj secured first place. Megha Anil and Bilna Binu secured second place and Nandhana Vijay and Neeraja K Shaji secured third place. The meeting came to an end with a vote of thanks by General Secretary Anna Teresa Saji.

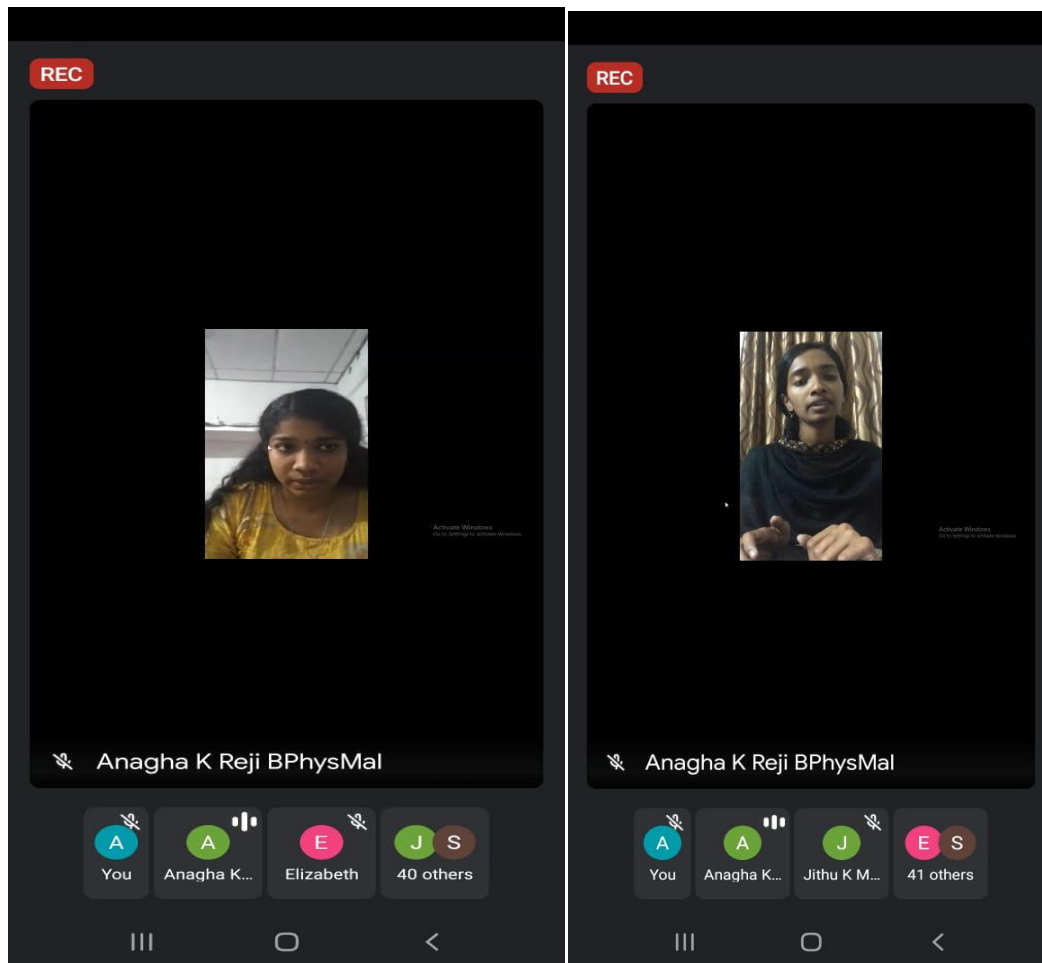


### 1.6.6 LEYAM – A TRIBUTE TO M. S. BABURAJ

On 16<sup>th</sup> October 2020, Friday an intradepartmental singing competition was organized to celebrated 42 years of the legend M. S Baburaj. The meeting started at 11.30 am with a welcome speech by the arts club secretary Maria Susan Lal. Students were asked to send their videos singing any songs of Shri Baburaj. Head of the department Asst. Prof. Smitha Joseph, Asst. Prof .Dr. Elizabeth V John and Guest Lecturer Ms.Elizabeth Jeesa presided the online session as judges. A tribute video to Shri. M. S Baburaj was presented. Neeraja Ramesh (3<sup>rd</sup> DC) secured first prize, Keerthana. V (2<sup>nd</sup> DC) secured second prize and the third prize was secured by Ginta Mol P.J (2<sup>nd</sup> DC). The meeting came to an end by 12:30pm and the vote of thanks was given by treasurer Susan. T. Chacko.







**BCM COLLEGE KOTTAYAM**  
**Department of Physics**

*Leyam*

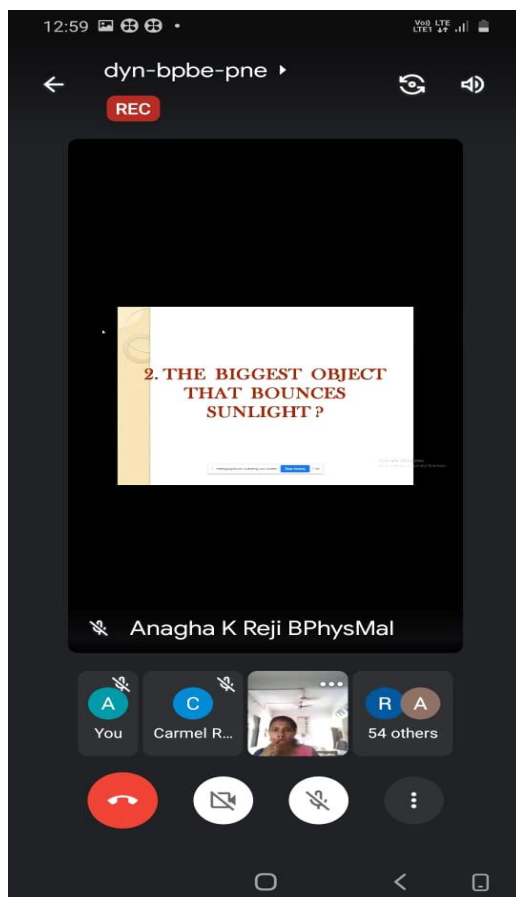
**1ST PLACE**  
**NEERAJA RAMESH (3RD DC)**

**2ND PLACE**  
**KEERTHANA V AND AKSHAYA**  
**JEENRAJ (2ND DC)**

**3RD PLACE**  
**GINTA MOL PJ (2ND DC)**

## 1.6.7 INTRADEPARTMENTAL QUIZ COMPETITION

As a part of empowering brains an online quiz competition was conducted via google meet. The program started at 12:30 pm. Head Of The Department Asst. Prof. Smitha Joseph and Guest Lecturer Ms. Elizabeth Jeessa also attended the program. All the students from 1<sup>st</sup> DC, 2<sup>nd</sup> DC, 3<sup>rd</sup> DC joined the meeting. Welcome Speech was given by 2<sup>nd</sup> DC representative Jithu. K. Mathew. The quiz was hosted by Carmel Rose Benny of 2<sup>nd</sup> DC. Questions were asked to each class and anyone from the class who knows the answer could answer. The questions were prepared by Akhila. G. Nair and Jithu. K. Mathew from 2<sup>nd</sup> DC. It was an informative and fun section. The quiz came to an end by 1:30 pm and the vote of thanks was delivered by General Secretary Athira Krishna.



## 1.7 Manuscript Magazine

To promote the talents of Physics students, the association released an e-manuscript. Almost 80% of the students contributed towards this. The magazine includes scientific articles, drawings, short stories etc,



## **1.8. Intercollegiate Competitions / Fest Conducted**

### **1.8.1 SPACE WEEK**

As a part of space week 2020, the department of Physics, BCM college Kottayam organized Rhea2020 from 4<sup>th</sup> October to 10<sup>th</sup> October. Five events were held as part of the programme which were a great opportunity and motivation for all students.

#### **Day 1: SPACE TRIVIA**

Interdepartmental quiz competition was held on 5<sup>th</sup> October on the topic cosmology, astronomy, sci-fi, rocket science or space-related science or technology. 74 students participated in the quiz competition.

#### **Day 2: MOVIE MARATHON**

Movie marathon which was conducted from 6<sup>th</sup> October included back-to-back five movies related to space. First man, Moon, Interstellar, Gravity, Blade Runner 2049, link to watch the movies were provided on our Instagram page and was open till 10<sup>th</sup> of October. The movie link was accessed by more than 300 students.

#### **Day 3: SPACE COLUNIX**

An interdepartmental picture puzzle competition was conducted on 7<sup>th</sup> October, the third day of Rhea2020. Satellite Timeline Puzzle Contest on the topic “Satellite improves the life”. 95 students participated in the event.

#### **Day 4: IS ANYBODY THERE**

A scientific fiction writing was held on 8<sup>th</sup> October within the department on the topic “If you went to Rhea (satellite of Jupiter) and found that their technology has developed fifty years than ours.” Narrate about their development in the form of a science fiction.

#### **Day 5: VIRTUAL TOUR.**

A virtual tour in space was conducted on 9<sup>th</sup> October 2020 via Google meet within the department as part of the extension activity to explore the outer world. We explored our solar system and beyond, uncovering worlds, stars and cosmic mysteries near and far with our powerful fleet of space and ground-based



missions virtually from the comfort of our home or convenience of our mobile phones. 45 students participated in the event.

Also, we became the 1st department in BCM to present and circulate virtual video brochure on space week “Rhea-2020” instead of normal Pdf & Jpeg brochures. The whole programme was a success with the outrageous and splendid performance of our association members, students and support of our teachers.

The image contains two promotional posters side-by-side. The left poster is for 'SPACE WEEK' and the right is for 'VIRTUAL TOUR'.

**Left Poster: SPACE WEEK**  
BISHOP CHULAPARAMBIL MEMORIAL COLLEGE KOTTAYAM  
DEPARTMENT OF CHEMISTRY  
KAIROS FIGSTA  
2020  
presents  
**SPACE WEEK**  
October 4-10  
DAY 1: OCT 5, Quiz Competition  
DAY 2: OCT 6, Power Point Presentation Competition  
DAY 3: OCT 7, Caption Writing Competition  
DAY 4: OCT 8, Drawing competition  
Instagram icon: @alchemizans\_bcm\_  
Email icon: chemgirlzbcacollege@gmail.com

**Right Poster: VIRTUAL TOUR**  
BCM COLLEGE  
Department of Physics  
Day 5  
**VIRTUAL TOUR**  
LET'S EXPLORE UNIVERSE  
**RHEA 2020**  
DEPARTMENTAL EVENT  
Date: 9/10/2020  
TIME: 12:30 pm  
via Google meet

## 1.8.2 AKSHAY URJA DIWAS : ENERGIA 2020

An Intercollegiate Photography Competition “Energia 2020” was conducted on the topic “Illuminations” as an awareness crusade for the improvements of renewable energy more productively in India. The competition was from 22<sup>nd</sup> of August to 10<sup>th</sup> October 2020 which is done via instagram where we post the pictures of participants and the winner is decided by the likes they get. 25 students of different colleges in and around Kottayam participated in the competition. Jyothis Joseph of SB College Chenganassery secured first place.



## 1.9 Interdepartmental Competitions

### 1.9.1 COMPETITIONS CONDUCTED DURING LOCKDOWN

Department organized individual and group events for two weeks during lockdown. First week's individual competitions started from 13th April 2020. The competitions were conducted through FB page. Participants works were collected before 5 pm the same day. The videos of Second week's competitions were collected before 5 pm on the respective days. All the works from participants were posted on the fb page and the final results were based on 75% by jury members and 25% based on the likes.

**1st Week**

13-04-2020 : Poetry Writing  
14-04-2020 : Pencil Drawing  
15-04-2020 : Poster Designing  
16-04-2020 : Short Story Writing  
17-04-2020 : Film Review

**2nd Week**  
(GROUP EVENTS)

20-04-2020 :  
Video of the activities done during lockdown period  
(Time: 1 min)

21-04-2020 :  
Chain dance competition  
(Time: 3 min)

22-04-2020 :  
Skit (Time : 3min)

23-04-2020 :  
Chain song competition  
(Time: 3 min)

24-04-2020 :  
Tiktok video giving covid 19 related message.  
(Time : max 1min)

**RULES**

Topics are given at 10am on the day of the competition in our Facebook page:  
[HTTP://FACEBOOK.COM/PHYSICS.BCMCOLLEGE/](http://facebook.com/physics.bcmcollege/)  
The articles must be send to athirakrishna6371@gmail.com before 5pm.  
All the articles will be exhibited on our fb page.  
The winner is selected 75% based on jury's decision and 25% based on the likes.

**DEPARTMENT OF PHYSICS**  
**B.C.M COLLEGE**  
presents interdepartmental online competition for the next two weeks

for more details contact  
7558897015  
9072269372

The results will be out on April 30.  
Attractive prizes are waiting for the winners.

The winners of these competitions are :

Poetry Writing

FIRST: Haleema Sha I MA Eng

SECOND: Liya Elsa Sabu, II DC Eng M1

Pencil Drawing

FIRST: Jasmine George, II DC FSQC

SECOND: Litty Maria P Sebastian, I DC Physics

Poster Designing

FIRST: Sharimol P Irshad, II DC BCom Tax

SECOND: Jyothi Rejimon, II DC Zoology

Short Story Writing

FIRST: Sindrella Philip, III DC Botany

Film Review

FIRST: Arlin Philip Mani, II DC Zoology

Video of the activities done during lockdown period

FIRST: Poornima A Nair, I DC Eng M1

SECOND: Jayasree Raghava Nair

Chain dance competition

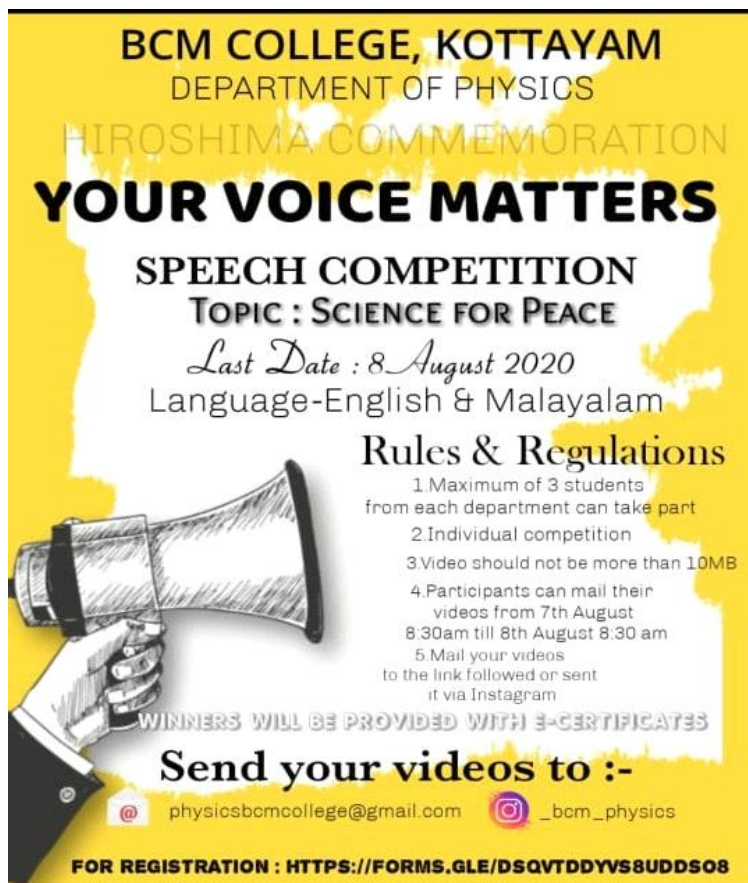
FIRST: Poornima A Nair, I DC Eng M1, Melisa Jordy, Alphy& Agnus, 1st DC sociology



## 1.9.2 HIROSHIMA DAY COMPLETIONS

### EVENT I: SPEECH COMPETITION

The interdepartmental speech and quiz competitions were held in commemorating the Hiroshima day on 8 August, Saturday. Seven participants registered for the programmes through a google form.



**BCM COLLEGE, KOTTAYAM**  
DEPARTMENT OF PHYSICS  
HIROSHIMA COMMEMORATION  
**YOUR VOICE MATTERS**  
**SPEECH COMPETITION**  
TOPIC : SCIENCE FOR PEACE  
*Last Date : 8 August 2020*  
Language-English & Malayalam

**Rules & Regulations**

1. Maximum of 3 students from each department can take part
2. Individual competition
3. Video should not be more than 10MB
4. Participants can mail their videos from 7th August 8:30am till 8th August 8:30 am
5. Mail your videos to the link followed or sent it via Instagram

WINNERS WILL BE PROVIDED WITH E-CERTIFICATES

**Send your videos to :-**

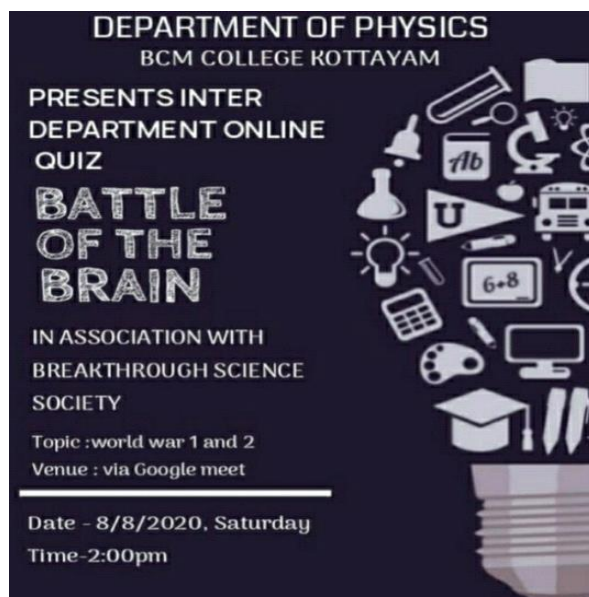
@ physicsbcmcollege@gmail.com    \_bcm\_physics

**FOR REGISTRATION : [HTTPS://FORMS.GLE/DSQVTDYVS8UDDS08](https://forms.gle/DSQVTDYVS8UDDS08)**

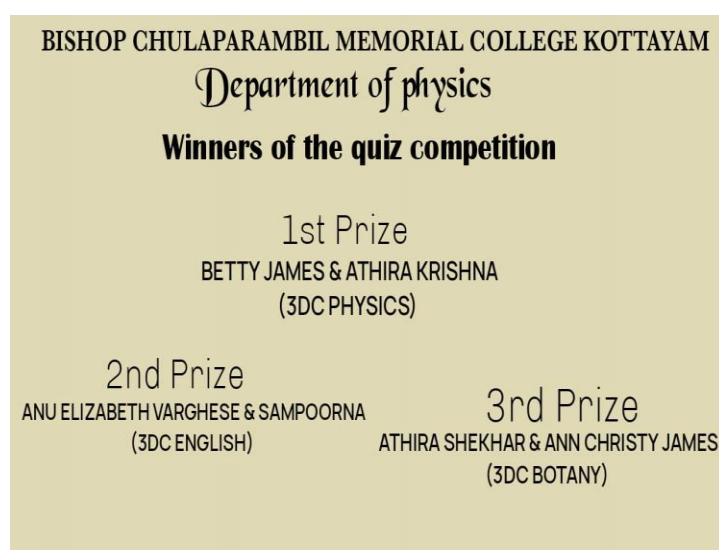
For the interdepartmental speech competitions participants were instructed to mail their videos to the department email address from 6<sup>th</sup> August to 8<sup>th</sup> August on the topic “Science Towards Peace”. First place was secured by Mumtaz P. A (3<sup>rd</sup> DC) Economics, second place was secured by Arlin Philip (3<sup>rd</sup> DC) Zoology and third place was secured by Akhila G Nair (2<sup>nd</sup> DC) Physics. All the winners were provided with e-certificates.



## EVENT II: QUIZ COMPETITION



The interdepartmental Quiz competition in association with the Breakthrough Science Society, Kottayam was held on 8<sup>th</sup> August via google form. The quiz was on the topic 1<sup>st</sup> and 2<sup>nd</sup> world war. Eleven teams of two from all department participated in the quiz. Winners were evaluated and declared by the breakthrough team. Betty James and Athira Krishna (3<sup>rd</sup> DC) Physics secured first place, the second place was secured by Anu Elizabeth Varghese and Sampoorna (3<sup>rd</sup> DC) English and third place was secured by Athira Shekhar and Ann Christy James (3<sup>rd</sup> DC) Botany. The winners were awarded with e-certificate.



### 1.9.3 ONAM COMPETITIONS

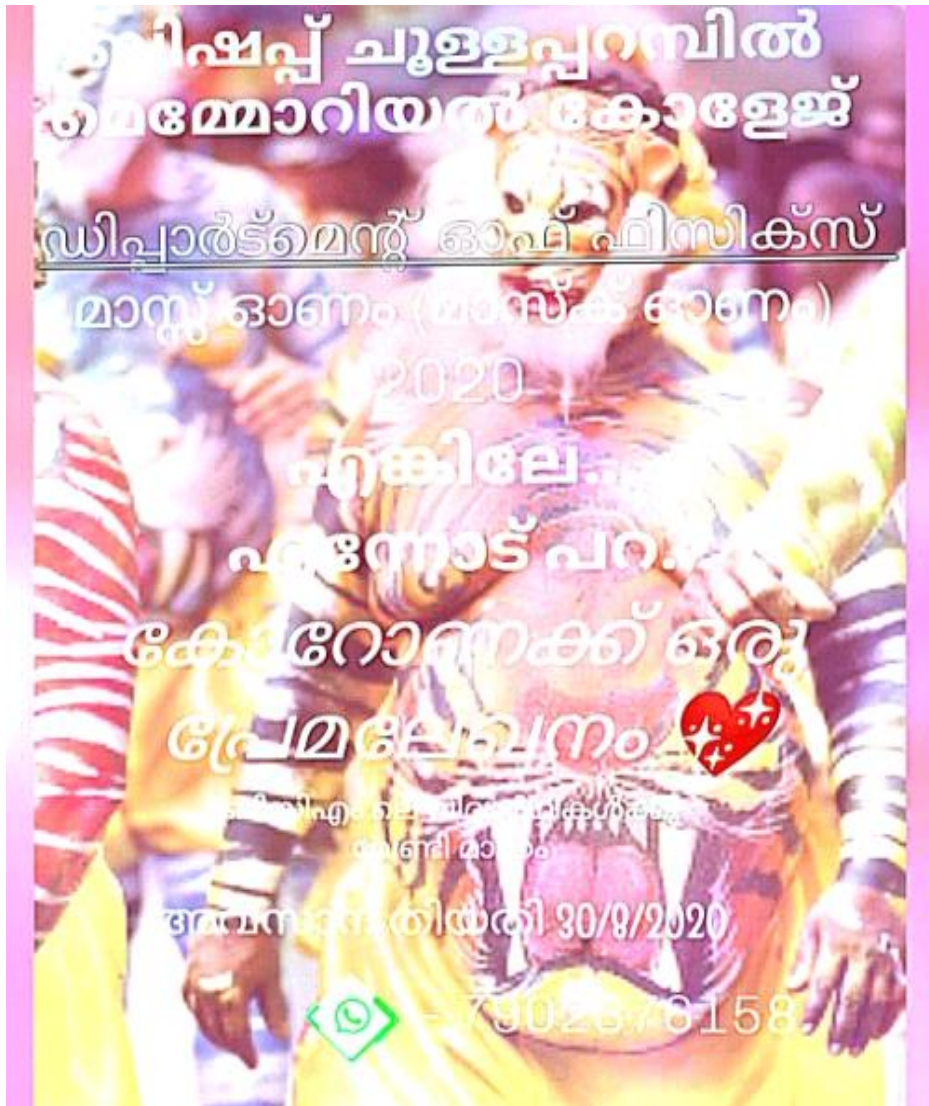
#### EVENT I: PAYASARANI

For interdepartmental “Payasarani” competition sharing Onam special dish recipe video, students were asked to mail their videos of themselves preparing the dish and recipe before September 1, Shivarenjini Vinod from 2<sup>nd</sup> year Botany secured first place, Shyma Mol K.S from 3<sup>rd</sup> year B.Com came 2<sup>nd</sup> place and Jaisy K. J from 2<sup>nd</sup> year English came 3<sup>rd</sup> place.



## EVENT II: CORONAKK ORU PREMALEKHANAM

“Coronakk oru premalekhanam” another interdepartmental competition was held where the participants were asked to mail their letters before September 1<sup>st</sup>. Vaihnavi Sabu from 2<sup>nd</sup> year Sociology secured 1<sup>st</sup> place, Mahalakshmi C.S of 2<sup>nd</sup> year Botany secured 2<sup>nd</sup> place and Vinitha Vijayan of 2<sup>nd</sup> year B.Com secured third place.



## 1.9.4 INTERDEPARTMENTAL DEBATE COMPETITION

### *“DEMOCRACY AT ITS FINEST”- IS THE WORLD’S LARGEST DEMORACY BEING JUST TO FARMERS?*

On 12<sup>th</sup> February 2021 department of Physics conducted an interdepartmental debate competition titled “Democracy at its finest” - Is the world’s largest democracy being just to farmers? The competition was held at 3.30 pm .

The programme was hosted by Mrs. Smitha Joseph (HOD Dept. of Physics). The programme was anchored by Nandana Manoj of 1<sup>st</sup> DC. Jithu K Mathew of 2<sup>nd</sup> DC delivered the welcome speech. Akhila G Nair of 2<sup>nd</sup> DC and Nandana Manoj of 1<sup>st</sup> DC moderated the debate session. Mrs Sreekala. U (Physics Department) served as the judge of the competition

Five different teams consisting of two members each participated in the competition.

#### Team 1 ( Chemistry)

Sreepooja Sankar

Ashna Vishwambaran

#### Team 2 (Botany)

Anupama S.N

Feba Daniel

#### Team 3 (English )

Elizabeth Joseph

Aneetta Biju

#### Team 4 ( Mathematics)

Anna Mary Mathew

Anjana K.M



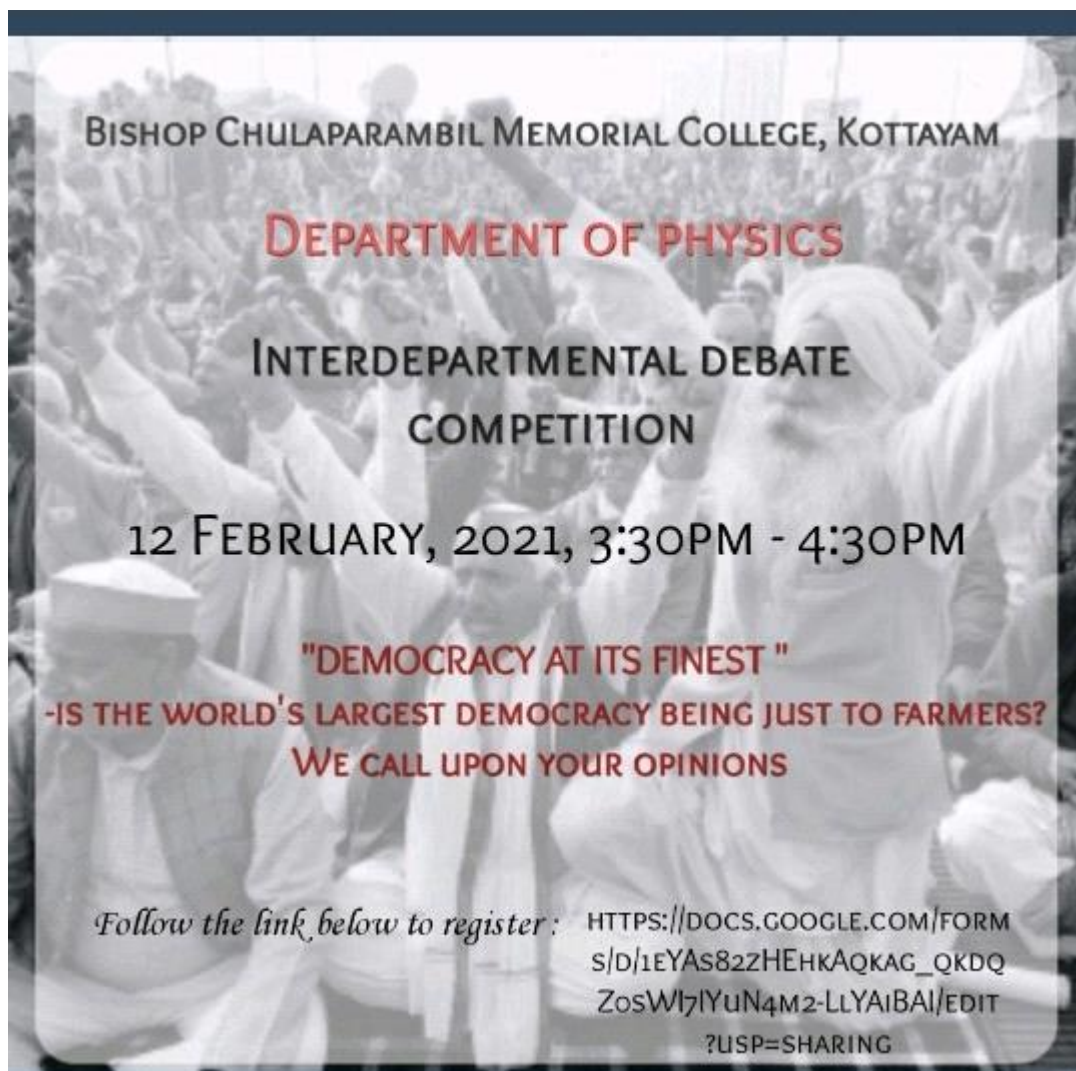
Team 5 (Physics )

Arjuna Reji

Akshaya Jeenraj

Team 3 (English Department) secured the first position. Team 2 (Dept. of Botany) secured the second position.

The programme was concluded by the vote of thanks delivered by Varsha of 1<sup>st</sup> DC. The programme was of great success due to the wonderful coordination of all the association members and the outstanding performances of all the students who participated.





## 1.10 **Subject Enrichment Programs**

### 1.10.1 SEMINAR ON INTELLECTUAL PROPERTY RIGHTS

A seminar on Intellectual Property Rights has been conducted on 24<sup>th</sup> February 2020 at Sr.Savio Hall, BCM College Kottayam in order to spread awareness about the rights given to persons over the creations of their mind. It was organised by IQAC & Department of Physics of BCM College, Kottayam.

The chief speaker of the day was Dr. Ison V Vanchipurackal , Associate Professor of Physics, St.Thomas College,Pala. His session started with an excellent presentation about Intellectual Property Rights. The session started by 9:30 am. His talk mainly focussed on the regions of IPR such as

Patent

Copyright

Trademark

Design

Database

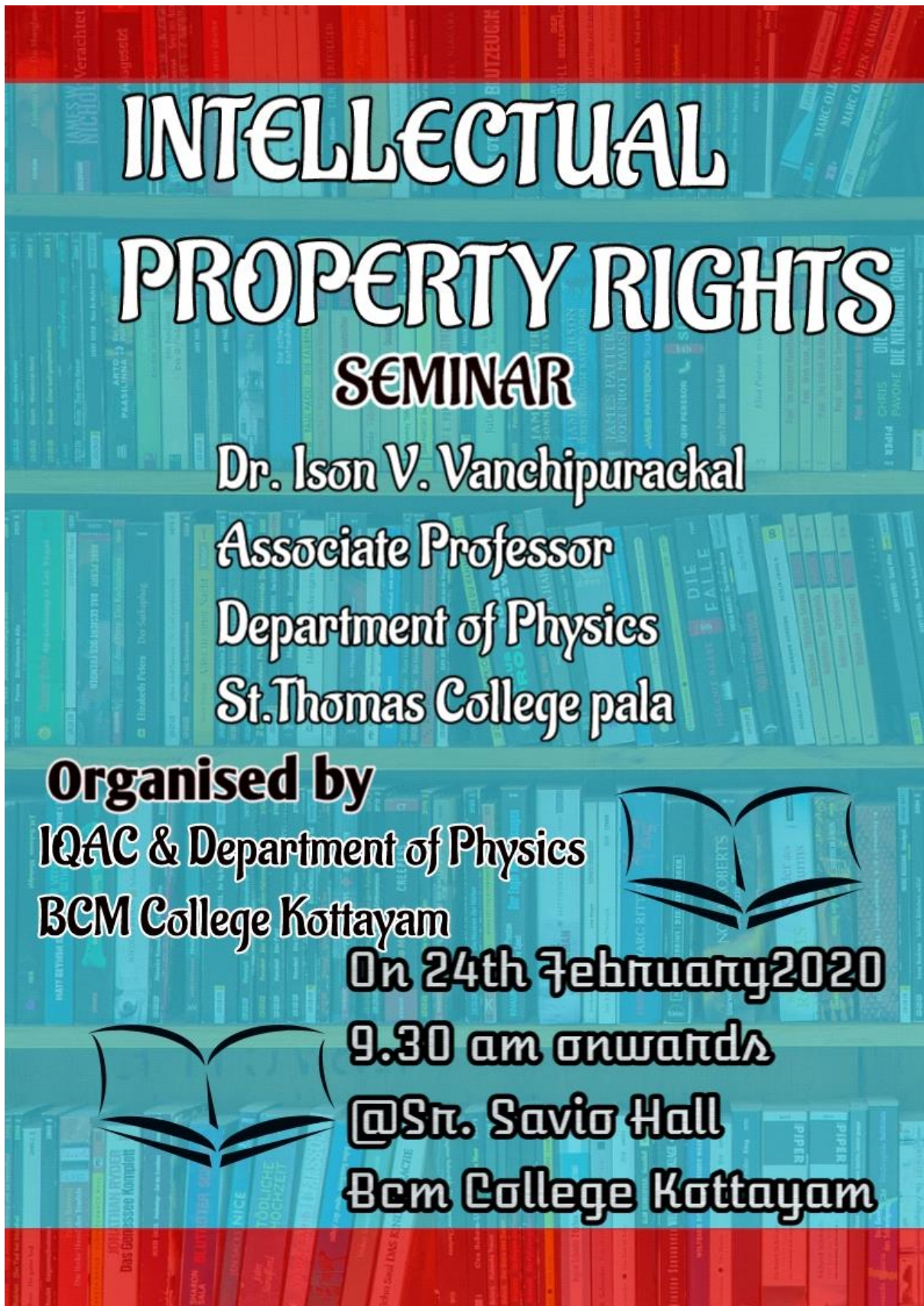
Trade Secret

The talk gave a clear idea about the different ideas granted by copyright such as economic and moral rights.

The different tools available for patenting were discussed in this session.

The importance to file patents and procedures to be followed were also discussed during the session.


Thus the seminar on IPR created awareness among students and faculties about the important concepts related to Intellectual property rights , patents and copyrights.




# **INTELLECTUAL PROPERTY RIGHTS SEMINAR**

**Dr. Ison V. Vanchipurackal**  
**Associate Professor**  
**Department of Physics**  
**St.Thomas College pala**

**Organised by**  
**IQAC & Department of Physics**  
**BCM College Kottayam**



**On 24th February 2020**  
**9.30 am onwards**  
**@Sr. Savio Hall**  
**Bcm College Kottayam**





## 1.10.2 NATIONAL WEBINAR ON SPACE WEATHER

A National webinar on space weather was organized on May 23, 2020. Dr. Smitha V Thampi Scientist SF VSSC Trivandrum was the resource person. Dr. Smitha gave an enlightening talk and students were motivated by it. Students also asked many questions and she was happy to answer them. 57 participants from different colleges in Kerala attended the webinar



**National Webinar  
on  
Space Weather**

*Organized by*  
Department of Physics & IQAC,  
Bishop Chulaparambil  
Memorial College, Kottayam

**MAY 23, 2020  
11 a.m – 12 p.m  
@ Google Meet**

**Resource person**



**Dr. Smitha V. Thampi  
Scientist SF  
VSSC, Thiruvananthapuram**

Register at:-  
<https://forms.gle/y3N9KXZL6MXmtveB9>

For details contact :- 9496280028

### 1.10.3 PHYSICS PRACTICALS

Due to the ongoing pandemic situation the 2<sup>nd</sup> years were not able to do Physics practical experiments in the lab manually. On 23<sup>rd</sup> October a seminar on lab experiments as 2<sup>nd</sup> year BSc syllabus was conducted by 3<sup>rd</sup> DC students. The session started at 12:30 PM via google meet. HOD Asst. Prof. Smitha Joseph, Asst. Prof. Dr. Elizabeth. V . John and Guest Lecturer Ms. Elizabeth Jeessa also joined the session. All 2<sup>nd</sup> and 3<sup>rd</sup> DC students attended the seminar. Six experiments were explained to them by Akhila. M, M. S. Arunima, Athira Krishna, Safalya Surendran , Priyamol. M and Tony Thomas from 3<sup>rd</sup> DC. This also helped 2<sup>nd</sup> year students to get a real experience of the seniors of how to do the experiments. The session came to an end by 1:30 pm.

**BISHOP CHULAPARAMBIL MEMORIAL COLLEGE**  
**KOTTAYAM**  
**Department of Physics**

23-10-2020

**PRACTICAL SEMINAR**

Spectrometer - Solid Prism  
Spectrometer - liquid prism  
Spectrometer - small angled prism  
Liquid Lens - n of glass  
Liquid Lens - n of liquid  
Air wedge

## 1.10.4 HUMAN RIGHTS TALK

IQAC and all science departments together organized a three-day webinar series on Human Rights from 8-10 June 2020. Adv. Tissy Rose K Cherian was the resource person. Talk included an introduction to HR, Universal declaration, Role of UN secretariate, Fundamental Rights, HR of women, children, minorities, prisoners etc.



**WEBINAR SERIES 2020**  
Theme - **HUMAN RIGHTS**

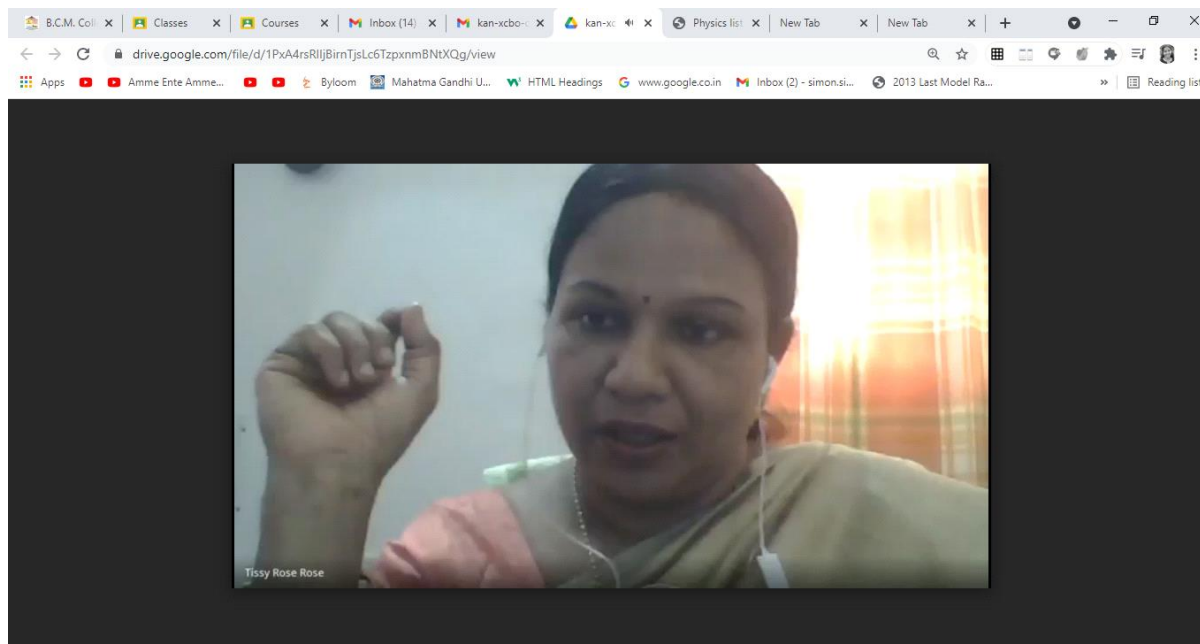
Organized by:  
IQAC and Science Departments  
Bishop Chulaparambil Memorial College.

*Dates : 8<sup>th</sup>, 9<sup>th</sup> & 10<sup>th</sup> 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 Cherian**

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

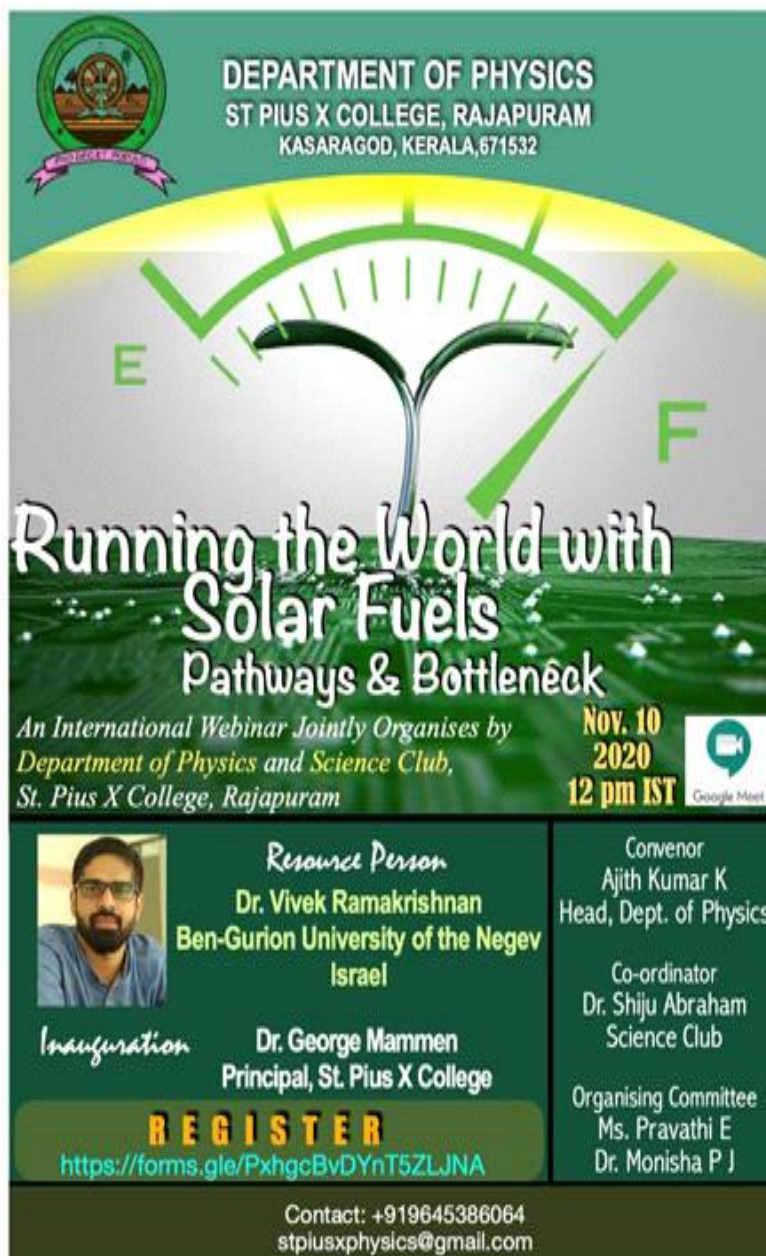
*For further enquiry: Contact No.7558897015, 9496833830*  
*E-mail on- [elizjo@gmail.com](mailto:elizjo@gmail.com), [annuthomas@gmail.com](mailto:annuthomas@gmail.com)*





## 1.10.5 WEBINAR ON SOLAR FUELS

All the students of the department attended a webinar “Running the world with solar fuels” organized by department of physics and science club, St. Pius X College, Rajapuram. The program started at 12pm. The resource person was Dr. Vivek Ramakrishnan, Ben-Gurion University of the Negev Israel. The talk was about the importance of solar fuels in today’s world. The webinar was very enlightening. The webinar came to an end by 1:00 pm.



**DEPARTMENT OF PHYSICS**  
ST PIUS X COLLEGE, RAJAPURAM  
KASARAGOD, KERALA, 671532

**Running the World with Solar Fuels**  
Pathways & Bottleneck

An International Webinar Jointly Organised by  
Department of Physics and Science Club,  
St. Pius X College, Rajapuram

**Nov. 10**  
**2020**  
**12 pm IST**

**Resource Person**  
Dr. Vivek Ramakrishnan  
Ben-Gurion University of the Negev  
Israel

**Inauguration**  
Dr. George Mammen  
Principal, St. Pius X College

**Co-ordinator**  
Dr. Shiju Abraham  
Science Club

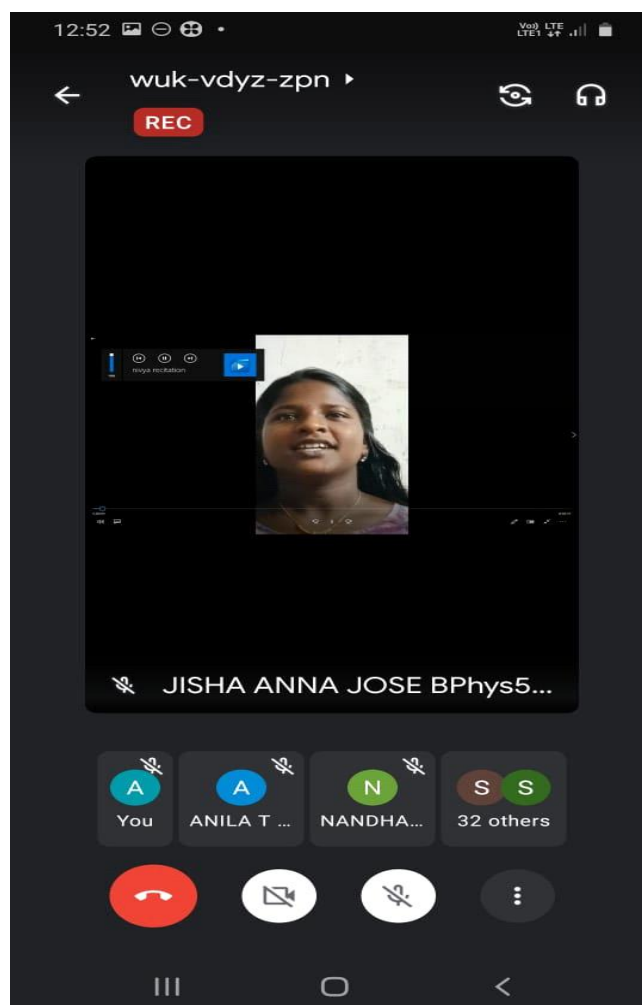
**Organising Committee**  
Ms. Pravathi E  
Dr. Monisha P J

**REGISTER**  
<https://forms.gle/PxhgcbvDYnT5ZLJNA>

Contact: +919645386064  
stplusphysics@gmail.com

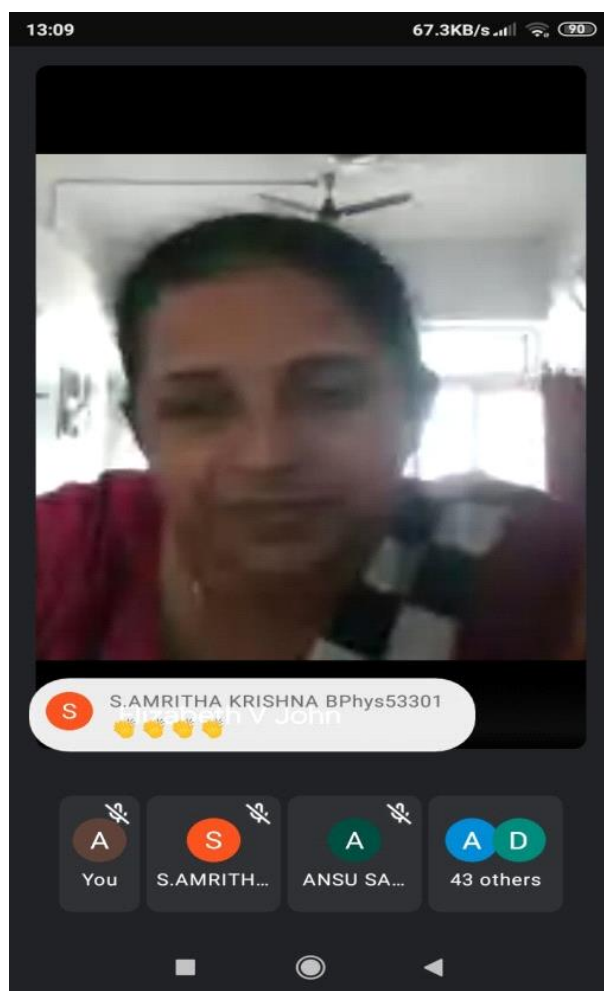
## 1.10.6 RAINBOW HOLOGRAMS

The program was conducted in commemoration of the American Physicist Stephen. A. Benton. He was a pioneer in medical imaging and fine-arts holography. “Rainbow Holograms” was invented by him in 1968. The programme started by 12:30 pm via google meet on 1<sup>st</sup> December 20120. This was the first event coordinated and conducted by first years. Head of the department Asst. Prof. Smitha Joseph, Asst. Prof. Dr. Elizabeth. V. John and Guest Lecturer Miss Elizabeth Jeessa attended the event. The programme was moderated by Anila T Sunnyof 1<sup>st</sup> DC. Nandhana Manoj from 1<sup>st</sup> DC delivered the welcome speech. A presentation about rainbow hologram was done by K. S. Swathykrishna of 1<sup>st</sup> DC. Nivya Prakash from 1<sup>st</sup> DC recited a Malayalam poem. The event came to an end by 1:30pm and the vote of thanks was given by Aswani Santhosh.



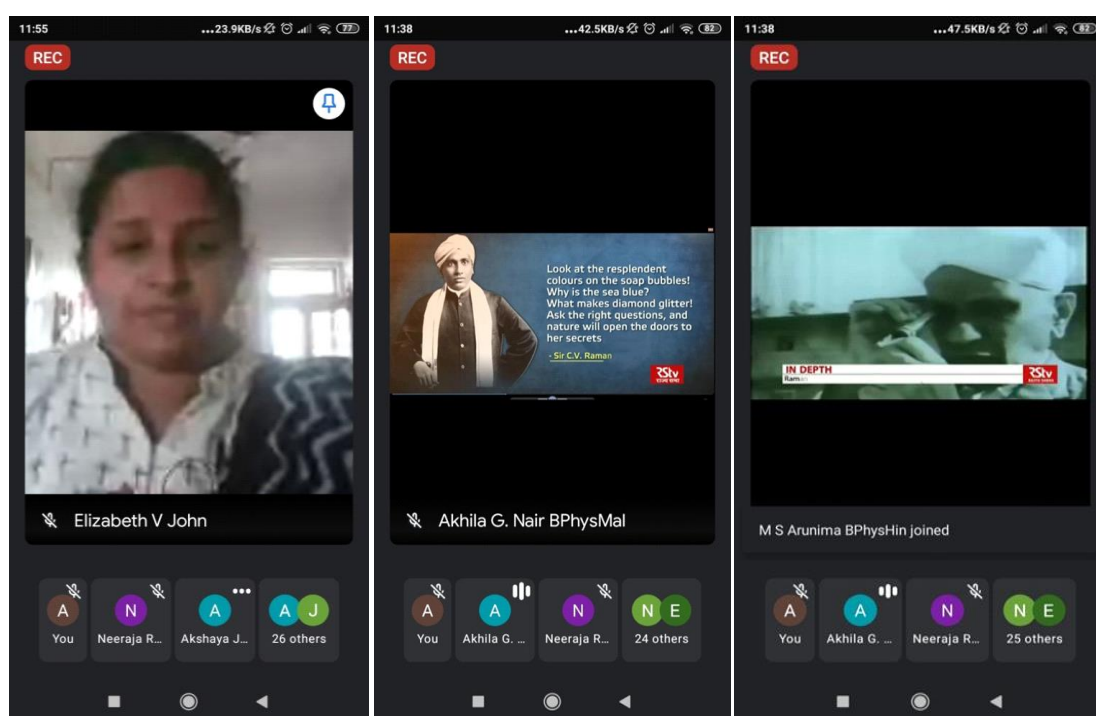
### 1.10.7 IDENTIFY THE PHYSICIST

The enlightening programme to identify the Physicist and know their contribution was conducted on 8<sup>th</sup> December, 2020. The program started at 12:30 PM and was coordinated by Divya and Aisha (1<sup>st</sup> DC). Asst. Prof. Dr. Elizabeth. V. John and Guest Lecturer Miss Elizabeth Jeessa attended the programme. Welcome speech was given by Ashithamol. S. Kumar of 1<sup>st</sup> DC. The programme was moderated by S. Amrithakrishna from 1<sup>st</sup> DC. A light music was sung by Lakshmi of 1<sup>st</sup> DC followed by Malayalam Recitation by Ananya Raju (1<sup>st</sup> DC). A live quiz competition named “Identify The Physicist” was conducted where photos of physicist were displayed on the screen and a description about their contributions to the world were given. It was an informative and interactive session. The session came to an end by 1:30 PM and the vote of thanks was given by Ansu Sabu of 1<sup>st</sup> DC.



## 1.10.8 NATIONAL SCIENCE DAY 2021

A National Science Day was celebrated on 27<sup>th</sup> February. National science day is commemorated to mark the discovery of Raman effect by Sir. C.V Raman. The event was moderated by Neeraja Ramesh (3<sup>rd</sup> DC). Welcome speech was given by Nandhana Vijay (2<sup>nd</sup> DC). A documentary on life, work and contribution of Sir C V Raman was presented by Akhila G Nair(2<sup>nd</sup> DC). Aparna Santhosh (3<sup>rd</sup> DC) explained about Raman Effect and its applications. Asst. Prof. Dr. Elizabeth. V. John addressed the gathering and congratulated the students who have participated in the programme. The meeting was concluded by a vote of thanks by Akshaya Jeenraj(2<sup>nd</sup> DC).



## 2. SCHOLARSHIPS RECEIVED BY STUDENTS

Name of the student	Name of scholarship
Hephiziba Chacko	e-grant
Surya. G. Nair	e-grant
Shamili. S	e-grant
Shobhitha Chandran	e-grant
Arya C M	e-grant
Bilna Binu	e-grant
Megha Suresh	KPCR- grants for general students
Megha Suresh	Central government – Post Matric Scholarship
Jithu k Mathew	Central government – Post Matric Scholarship

M.S.Arunima from 3<sup>rd</sup> DC received Proficiency Prize and prize for best outgoing student in the academic year 2020-21. Nandana Vijay from 2<sup>nd</sup> DC received scholarship for securing highest mark in English in the first and second semesters.





### 3. PARTICIPATION IN INTERDEPARTMENTAL AND INTERCOLLEGIATE COMPETITONS

15/8/2020	INTER COLLEGE ONLINE LIVE PRESENTATION COMPETITION	AKHILA G NAIR	THIRD	2DC	ST. ALBERTS COLLEGE
7/8/2020 TO 9/8/2020	INTER COLLEGE ONLINE QUIZ COMPETITION (HIROSHIMA, NAGASAKI)	BETTY JAMES		3 DC	5(K) GIRLS BN NCC UNIT OF BCM COLLEGE KOTTAYAM
		PRIYA MOL M		3 DC	
		ATHIRA KRISHNA		3 DC	
		SUSAN T CHACKO		2 DC	
		JITHU K MATHEW		2 DC	
		SREELAKSHMI V.H		2 DC	
		NEERAJA K SHAJI		2 DC	
		FATHIMA SULTHANA		2 DC	
17/8/2020	VERDURE	JITHU K MATHEW		2 DC	BOTANY DEPARTMENT ALPHONSA COLLEGE PALA
		KEERTHANA V		2 DC	

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		ANAGHA K REJI		2 DC	
		AKHILA G NAIR		2 DC	
		MEGHA ANIL		2 DC	
		NANDANA VIJAY		2 DC	
		SUSAN T CHACKO		2 DC	

		FATHIMA SULTHANA		2 DC	
		CARMEL ROSE BENNY		2 DC	
10/8/2020	SPEECH COMPETITION	ROSEMOL BOBY	FIRST	3 DC	ECONOMICS DEPARTMENT BCM COLLEGE KOTTAYAM
		BETTY JAMES	SECOND	3 DC	
15/8/2020	FREEDOM QUIZ	PRIYA MOL M		3 DC	BCM COLLEGE KTM COLLABORATE WITH GOV. COLLEGE KASARGOD
		BETTY JAMES		3 DC	
		TONY THOMAS		3 DC	
		MEENAKSHI OMANNAKUTTAN		3 DC	
		DEVENDU M DIPUKUMAR		2 DC	
		NEERAJA K SHAJI		2 DC	
		SUSAN T CHACKO		2 DC	
		SREELAKSHMI V.H		2 DC	
		MEGHA ANIL		2 DC	
		NANDANA VIJAY		2 DC	
		FATHIMA SULTHANA		2 DC	
		MARIYA SUSAN LAL		2 DC	
		CARMEL ROSE BENNY		2 DC	
		AKSHAYA JEENRAJ		2 DC	

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		JITHU K MATHEW		2DC	
12/8/2020	WORLD ELEPHANT DAY QUIZ COMPETITION	SOBHITHA CHANDRAN		3 DC	ZOOLOGY DEPARTMENT BCM COLLEGE KOTTAYAM
		AMRUTHA SIBY		3 DC	
		ARYA CM		3 DC	
		ATHIRA KRISHNA		3 DC	
		PRIYA MOL M		3 DC	
		TONY THOMAS		3 DC	
		SAFALYA SURENDRAN		3 DC	
		NEERAJA RAMESH		3 DC	
		ALEENA SOSA CHRISTOPHER		3 DC	
		SUSAN T CHACKO		2 DC	
		CARMEL ROSE BENNY		2 DC	
		JITHU K MATHEW		2 DC	

		DEVENDU M DIPUKUMAR		2 DC	
		FATHIMA SULTHANA		2 DC	
		MEENAKSHI OMANNAKUTTAN		3 DC	
		AKSHAYA JEENRAJ		2 DC	
		KAVYA KS		2 DC	
		NEERAJA K SHAJI		2 DC	
		MARIA SUSAN LAL		2 DC	
		NANDANA VIJAY		2 DC	
		JITHU K MATHEW		2 DC	
15/8/2020 TO 17/8/2020	QUIZ COMPETITION ON INDIAN FREEDOM MOVEMENT	RONA ROY		2 DC	CMS COLLEGE KOTTAYAM
		BRILLA JOHNSON		2 DC	
		KEERTHANA V		2 DC	
		MARIA SUSAN LAL		2 DC	
		FATHIMA SULTHANA		2 DC	
		BETTY JAMES		3 DC	

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		JITHU K MATHEW		2 DC	
		MEGHA ANIL		2 DC	
		MEENAKHI RAJESH		2 DC	
12/8/2020	ONLINE INTER COLLEGE QUIZ COMPETITION	JITHU K MATHEW		2 DC	HISTORY AND IQAC KE COLLEGE MANNAM
15/8/2020	QUIZ ON INDIA STRUGGLE FOR INDEPENDENCE	JITHU K MATHEW		2 DC	HISTORY AND NCC UNIT OF ST. THOMAS COLLEGE PALA
9/8/2020	IND QUIZ VERS MEGA QUIZ FIRST WAR OF INDIAN INDEPENDENCE	ATHIRA KRISHNA		3 DC	3 B.COM AIDED RESEARCH AND PG DEPARTMENT COMMERCE ASSOCIATED WITH MARIAN EK BHARATH SHRESHTA BHRATH CLUB MARIAN COLLEGE KUTTIKANAM
		BETTY JAMES		3 DC	
		ALEENA SOSA CHRISTOPHER		3 DC	
		MEGHA ANIL		2 DC	
		JITHU K MATHEW		2 DC	
10/8/2020	MEGA QUIZ	PRIYA MOL M		3 DC	
		ATHIRA KRISHNA		3 DC	
		BETTY JAMES		3 DC	
		MEGA ANIL		2 DC	
11/8/2020	MEGA QUIZ	PRIYA MOL M		3 DC	
		ATHIRA KRISHNA		3 DC	
		BETTY JAMES		3 DC	
23/6/2020	NATIONAL QUIZ	BETTY JAMES		3 DC	PHYSICAL
8/8/2020	HIROSHIMA AND NAGASAKI DAY MEMORIAL				ST. ALOYSIUS COLLEGE EDATHUVA



	ON PHYSICAL EDUCATION	ARYA CM		3 DC	EDUCATION DEPARTMENT NAZARETH COLLEGE OF EDUCATION FOR WOMEN AVADI CHENNAI
20/5/2020	ONLINE QUIZ ON ENERGY CONSUMPTION	BETTY JAMES		3 DC	PHYSICS DEPARTMENT SREE SANKARA VIDYAPEEDOM COLLEGE VALAYANCHIRANGA RA PERUBAVOOR
		TONY THOMAS		3 DC	
		MEENAKSHI OMANNAKUTTAN		3 DC	
		M S ARUNIMA		3 DC	
		ARYA CM		3 DC	
23/5/2020	NATIONAL WEBINAR ON SPACE WHETHER	ALEENA SOSA CHRISTOPHER		3 DC	PHYSICS DEPARTMENT AND IQAC BCM COLLEGE KOTTAYAM
		PRIYA MOL M		3 DC	
		ATHIRA KRISHNA		3 DC	
		ARYA CM		3 DC	
		ANNA TREESA SAJI		2 DC	
29/5/2020	AWARENESS QUIZ COVID 19 PANDEMIC	FATHINA SULTHANA		2 DC	AMITY SCHOOL OF APPLIED SCIENCE AMITY UNIVERSITY HARYANA
		ALEENA SOSA CHRISTOPHER		3 DC	
		ARYA CM		3 DC	
		AKSHAYA JEENRAJ		2 DC	
		MARIYA SUSAN LAL		2 DC	

17 TO 20/5/2020	WEBINAR ON RECENT PERSPECTIVE OF SCIENCE IN LINE COVID 19 PANDEMIC	ALEENA SOSA CHRISTOPHER		3 DC	GUJARAT UNIVERSITY AHMEDABAD GUJARAT SCIENCE AND ACCEDAMY AND ESSENCELEEH
7/8/2020	ONLINE QUIZ COMPETITION	BETTY JAMES		3 DC	EGS PILLAY GROUP OF INSITITUTIONS NAGAPATTANAM
		ATHIRA KRISHNA		3 DC	
		PRIYA MOL M		3 DC	
4/7/2020	INTERNATIONAL WEBINAR ON CAREERS IN PHYSICS INNOVATION	PRIYA MOL M		3 DC	PHYSICS DEPARTMENT OF KE COLLEGE MANNANAM

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		SOBHITHA CHANDRAN		3 DC	
		ARYA CM		3 DC	
		MEGHA ANIL		2 DC	
		SREELAKSHMI V H		2 DC	
		JITHU K MATHEW		2 DC	
5/8/2020	NATIONAL WEBINAR ON PHYSICS AND YOU	PRIYA MOL M		3DC	PHYSICS DEPARTMENT MAR ATHANASIUS COLLEGE KOTHAMANGALAM
		SOBHITHA CHANDRAN		3 DC	

		MEENAKSHI OMANNAKUTTAN		3 DC	
		ALEENA SOSA CHRISTOPHER		3 DC	
		AKSHAYA JEENRAJ		2 DC	
8/8/2020	NATIONAL ONLINE QUIZ COMPETITION (HIROSHIMA AND NAGASAKI)	ALEENA SOSA CHRISTOPHER		3 DC	3 B.COM AIDED RESEARCH AND PG DEPARTMENT COMMERCE MARIAN COLLEGE KUTTIKANAM
		SOBHITHA CHANDRAN		3DC	
		PRIYA MOL M		3 DC	
		ARYA CM		3 DC	
		BETTY JAMES		3 DC	
		ATHIRA KRISHNA		3 DC	
		JOPHY JOSE		3 DC	
		AKHILA M		3 DC	
30/5/2020	INTERNATIONAL WEBINAR ON THIN FILM TECHNOLOGY OUR DALIY LIFE	ALEENA SOSA CHRISTOPHER		3 DC	NADAR MAHAJANA SANGAM S VELLAICHAMY NADAR COLLEGE TAMIL NADU
29/5/2020	WEBINAR ON ELECTRON MICROSCOPY	ALEENA SOSA CHRISTOPHER		3 DC	HINDUSTAN COLLEGE OF ARTS AND SCIENCE COMBAT ORE TAMIL NADU

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21/5/2020	IFS FORENSIC SCIENCE QUIZ	ALEENA SOSA CHRISTOPHER		3 DC	INTERNATIONAL FORENSIC SCIENCE PUNE
19/6/2020	INTERNATIONAL WEBINAR ON	ALEENA SOSA CHRISTOPHER		3 DC	PHYSICS DEPARTMENT

	ASTRONOMY AND ASTROPHYSICS				KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCE COMBATORE
17/8/2020	ONLINE NON CREDIT COURSE INTERNATIONAL CYBES CONFLICT	BETTY JAMES		3 DC	THE STATE UNIVERSITY OF NEW YORK
3 TO 6 2020	NATIONAL WEBINAR ON MODE LING AND EXPERIMENTAL TECHNIQUES	ALEENA SOSA CHRISTOPHER		3DC	PHYSICS DEPARTMENT ST. ALOYSIUS COLLEGE JABALPUR
20 TO 21/8/2020	WEBINAR ON QUANTITATIVE ANALYSIS OF RESEARCH PRODUCT IVY	PRIYA MOL M		3 DC	IQAC MAR ATHANASIOUS COLLEGE KOTHAMANGALAM
		SOBHITHA CHANDRAN		3 DC	
30TO 31/5/2020	NATIONAL QUIZ COMPETITION	ALEENA SOSA CHRISTOPHER		3 DC	AMAR VEERNANGANA RANI DURAGAVATI GOV. COLLEGE TENDUKHEDA DAMOH M.P
25/6/2020	DEBATE EFFECTIVENESS OF ONLINE CLASS	AMRUTHA SIBY		3 DC	MATHS DEPARTMENT BCM COLLEGE KOTTAYAM
1/8/2020	WEBINAR ON STRESS MANAGEMENT IN PANDEMIC COVID-19	ALEENA SOSA CHRISTOPHER		3 DC	PHYSICS ASSOCIATION OF CMS COLLEGE KOTTAYAM
21/8/2020	NATIONAL E-QUIZ	JITHU K MATHEW		2 DC	DEPARTMENT OF PHYSICS HINDU COLLEGE MACHILIPATNAM
		FATHIMA SULTHANA		2 DC	
		MEGHA ANIL		2 DC	
27/8/2020	LETTER TO MAVELI	JITHU K MATHEW		2 DC	DEPARTMENT OF PHYSICS
16/9/2020	ONLINE QUIZ FOR OZONE	JITHU K MATHEW		2 DC	SCIENCE FORUM MAHARAJAS COLLEGE EKM
14/9/2020	ONLINE NON CREDIT	BETTY JAMES		3 DC	AL DEEPLARNING AL

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23/9/2020	INTRO TO INTERNATIONAL CRIMINAL LAW	BETTY JAMES		3 DC	CASE WESTERN RESERVE UNIVERSITY
16/9/2020	INTRO TO PSYCHOLOGY	BETTY JAMES		3 DC	YALE UNIVERSITY
31/7/2020	SOCIAL PSYCHOLOGY	BETTY JAMES		3 DC	ANDREW LUTTRELL PHD
22/9/2020	ONLINE QUIZ BETWEEN U AND UV	NEERAJA K SHAJI		2 DC	DEPARTMENT OF PHYSICS ST PETERS COLLEGE
		SUSAN T CHACKO		2 DC	
		ANAGHA K		2 DC	
		ATHIRA KRISHNA		3 DC	
14/9/2020	INTER COLLEGE POSTER MAKING COMPETITION	JITHU K MATHEW		2 DC	DEPARTMENT OF PHYSICS ST. TREESA COLLEGE EKM
17/9/2020	ONNAPATTU COMPETITION	KEERTHANA V	FIRST	2 DC	BCM COLLEGE KOTTAYAM VAAMIKA ONNAVILLU 2.0
16/8/2020	ELOCUTION COMPETITION ON RENEWABLE ENERGY SOURCES	SREELAKSHMI VH	FRIST	2 DC	DEPARTMENT OF CHEMISTRY BCM COLLEGE
22/9/2020	BIRDS QUIZ	KEERTHANA V		2 DC	DEPARTMENT OF ZOOLOGY ALPHONSA COLLEGE PALA
15 TO 17/8/2020	NATIONAL LEVEL ONLINE QUIZ ON INDIAN FREEDOM	KEERTHANA V		2 DC	CMS COLLEGE KOTTAYAM
		MARIA SUSAN LAL		2 DC	
		JITHU K MATHEW		2 DC	
		FATHIMA SULTHANA		2 DC	
		MEENAKSHI RAJESH		2 DC	
16/4/2020	SELFIE WITH YOUR PET	ANNA TREESA SAJI		2 DC	DEPARTMENT OF ZOOLOGY BCM COLLEGE
15/8/2020	INDEPENDENCE DAY QUIZ	JITHU K MATHEW		2 DC	BJM GOV. COLLEGE CHAVARA KOLLAM
8/8/2020	AATMANIRBNAR BHARAT SWATHANTRA BHARAT QUIZ	JITHU K MATHEW		2 DC	MINISTRY OF DEFENCE AND MY GOV.



		MEGHA ANIL		2 DC	
		SREELAKSHMI V H		2 DC	
13/8/2020	DO YOU KNOW YOUR CENCUS	JITHU K MATHEW		2DC	OFFICE OF REGISTRAR GENERAL AND CENCUS COMMISSIONER AND MYGOV.
16/8/2020	HAND LOOMS QUIZ	JITHU K MATHEW		2 DC	MINISTRY OF TEXTILES AND MY GOV.
9/9/2020	INTERNATIONAL WEBINAR SERIES CYBER SECURITY	RONA ROY		2 DC	DEPARTMENT OF COMPUTER SCIENCE IN ASSOCIATION WITH INTERNAL QUALITY ASSURUS COLLEGE
		BRILLA JOHNSON		2 DC	
16/9/2020	INTERNATIONAL WEBINAR SERIES POST COVID	RONA ROY		2 DC	DEPARTMENT OF COMPUTER SCIENCE IN ASSOCIATION WITH INTERNAL QUALITY ASSURES CELL OF THE COLLEGE
		BRILLA JOHNSON		2 DC	
24/8/2020	ENVIRONMENT IMPACT ASSESSMENT	RONA ROY		2 DC	BOTANY DEPARTMENT OF BASELIUS COLLEGE KOTTAYAM
		BRILLA JOHNSON		2 DC	
		CARMEL ROSE BENNY		2 DC	
5/9/2020	A QUIZ ON INDIAN FEET STEP IN SPACE RESEARCH	ANNA TREESA SAJI		2 DC	DEPARTMENT OF PHYSICS MORNING STAR HOME SCIENCE COLLEGE ANGAMALY EKM
31/7/2020	ONLINE QUIZ COMPETITION ON HIMACHAL PRADESH AN OVERVIEW	ANNA TREESA SAJI		2 DC	CARMEL COLLEGE PALA

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		SUSAN T CHACKO		2 DC	
27/7/2020	NATIONAL WEBINAR ON ASTROPHYSICS	AKHILA G NAIR		2 DC	DEPARTMENT OF PHYSICS KE COLLEGE MANNANAM
16/9/2020	ONLINE QUIZ BASED ON INTERNATIONAL OZONE DAY	M S ARUNIMA		3 DC	DEPARTMENT OF PHYSICS ST. PETERS COLLEGE KOLENCHERY
		ANAGHA K REJI		2DC	
		SUSAN T CHACKO		2 DC	
		ATHIRA KRISHNA		3 DC	
21/8/2020	ONLINE ELOCUTION COMPETITION	SREELAKSHMI V H	SECOND	2 DC	DEPARTMENT OF CHEMISTRY BCM COLLEGE KOTTAYAM
16/9/2020	ONLINE QUIZ COMPETITION	ATHIRA KRISHNA		3 DC	DEPARTMENT OF CHEMISTRY
		JITHU K MATHEW		2 DC	
25/8/2020	NATIONAL WEBINAR BRIAN INSPIRED MEMORY	BETTY JAMES		3 DC	DEPARTMENT OF PHYSICS ST.THOMAS COLLEGE RANNI
22/7/2020	INTERNATIONAL WEBINAR	MEGHA ANIL		2 DC	DEPARTMENT OF SREE NARAYANA COLLEGE FOR WOMEN KOLLAM
23/5/2020	NATIONAL DEFENCE QUIZ	MEGHA ANIL		2DC	GOV. GIRLS FOR EXCELLENCE COLLEGE UJAIN MP
		SURYA RAVEENDRAN		2 DC	
5/5/2020	COVID 19 TRAINING FOR NCC CADETS	MEGHA ANIL		2 DC	DEPARTMENT OF PERSONAL AND TRAINING
		BETTY JAMES		3 DC	
29/6/2020 TO 3/7/2020	ONLINE COURSE ON SATELITE PHOTOGRAMMETRY AND APPLICATIONS	NANDANA VIJAY		2 DC	IIIRS -SATELITE PHOTOGRAMMETRY AND ITS APPICATIONS
		JITHU K MATHEW		2 DC	

		AKHILA G NAIR		2 DC	
		ANAGHA K REJI		2 DC	
		MARIA SUSAN LAL		2 DC	
		MEGHA ANIL		2 DC	
		FATHIMA SULTHANA		2 DC	
8/8/2020	BE VOCAL ABOUT	MEGHA ANIL		2 DC	MINISTRY ELECTION

	LOACL	MEENAKSHI RAJESH		2 DC	INFORMATION TECHNOLOGY GOV . OF INDIA
		SREELAKSHMI V H		2 DC	
15/8/2020	INDEPENDENCE DAY QUIZ COMPETITION	NEERAJA K SHAJI		2 DC	MAHAGURU INSTITUTES OF TECHNOLOGY
16/9/2020	POSTER MAKING	SUSAN T CHACKO		2 DC	DEPARTMENT OF CHEMISTRY BCM COLLEGE KOTTAYAM
		JITHU K MATHEW		2 DC	
16/9/2020	SOLGAN MAKING	JITHU K MATHEW		2 DC	DEPARTMENT OF CHEMISTRY BCM COLLEGE KOTTAYAM
12 TO 20/4/2020	MOULDING A PHYSICIST INTER NATION WEBINAR SERIES	ATHIRA KRISHNA		3 DC	DEPARTMENT OF PHYSICS PAVANATMA COLLEGE MURIKASSRY
		NEERAJA RAMESH		3 DC	
		MEGHA ANIL		2 DC	
	CRUCIGRAMA 2020	BRILLA JOHNSON		2 DC	NCC UNIT 42A425 NSS COLLEGE PANDALAM
24/8/2020	LECTURE ON A NEW MEASURE REVOLUTIONARY REFORM OF METRIC SYSTEM	MEGHA ANIL		2 DC	PG AND RESEARCH DEPARTMENT OF PHYSICS MAR ATHANASIVUS COLLEGE KOTHAMANGALAM
		JITHU K MATHEW		2 DC	
25/7/2020	INTERNATIONAL	JITHU K MATHEW		2 DC	IUCDS MG

	WEBINAR ON COVID 19				UNIVERSITY
7/9/2020	NOBEL LAUREATE LECTURE SERIES	JITHU K MATHEW		2 DC	MAR ATHANASIVUS COLLEGE KOTHAMANGALAM
15/8/2020	INDEPENDENCE DAY MESSAGE COMPETITION	JITHU K MATHEW		2 DC	UNION CHRISTIAN COLLEGE ALUVA
28/8/2020	CARTOON COMPETITION	JITHU K MATHEW		2 DC	MATHS DEPARTMENT BCM COLLEGE KOTTAYAM
21/8/2020	BREAK THE STIGMA	SREELAKSHMI V H		2 DC	
		MEENAKSHI RAJESH		2 DC	
	ASTRONOMY EXPLORING TIME AND SPACE	ATHIRA KRISHNA		3 DC	THE UNIVERSITY OF ARIZONA

11/9/2020	INTERNATIONAL WEBINAR ON HIGHER STUDY OPPORTUNITIES IN EUROPE	BETTY JAMES		3 DC	BCM COLLEGE KOTTAYAM
		SOBHITHA CHANDRAN		3 DC	
		ALEENA SOSA CHRISTOPHER		3 DC	
		ROSEMOL BOBY		3 DC	
		ARYA CM		3 DC	
		ALEENA ANNA ALEX		3 DC	
		NEERAJA RAMESH		3 DC	
		ANAGHA M RAJAN		3 DC	
		VRINDHA S RAJ		3 DC	
		ATHIRA KRISHNA		3 DC	
		MEENAKSHI OMANNAKUTTAN		3 DC	
		HARITHA E R		3 DC	
		SURYA MURALEETHARAN		3 DC	
		PRIYA MOL M		3 DC	

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		M S ARUNIMA		3 DC	
		TONY THOMAS		3 DC	
		JOPHY JOSE		3 DC	
		NANDANA VIJAY		2 DC	
		SUSAN T CHACKO		2 DC	
		CARMEL ROSE BENNY		2 DC	
		KEERTHANA V		2 DC	
		ANNA TREESA SAJI		2 DC	
		JITHU K MATHEW		2 DC	
23/5/2020	NATIONAL WEBINAR ON SPACE WHETHER	ALEENA SOSA CHRISTOPHER		3 DC	DEPARTMENT OF PHYSICS AND IQAC BCM COLLEGE KOTTAYAM
		PRIYA MOL M		3 DC	
		ATHIRA KRISHNA		3 DC	
		ARYA CM		3 DC	
		NEERAJA RAMESH		3 DC	
		APARNA SANTHOSH		3 DC	
		AMRUTHA SIBY		3 DC	
		SURYA MURALEETHARAN		3 DC	
		RONA ROY		2DC	
		NANDANA VIJAY		2 DC	
		MEGHA ANIL		2 DC	



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		ANNA TREESA SAJI		2 DC	
		AKHILA G NAIR		2 DC	
		FATHIMA SULTHANA		2 DC	
		SUSAN T CHACKO		2 DC	
		BRILLA JOHNSON		2 DC	
		DEVENDHU M DIPAKUMAR		2 DC	
		AKSHAYA JEENRAJ		2 DC	
23/9/2020 TO 25/9/2020	INTERNATIONAL WEBINAR ON NATURAL SCIENCE	MEGHA ANIL		2 DC	ST .JOHNS COLLEGE
16/9/2020	INTERNATIONAL WEBINAR ON ADVANCED CHEMISTRY	JITHU K MATHEW		2 DC	ST. JOHNS COLLEGE CALICUT
18/8/2020	WEBINAR ON THE IMPACT OF DRAFT EIA NOTIFICATION 2020	MEGHA ANIL		2 DC	MG UNIVERSITY STUDENTS COLLECTIVE
	DRAWING COMPETITION ON CORONA	LITTY MARIA P SEBASTIAN		2 DC	PHYSICS DEPARTMENT BCM COLLEGE KOTTAYAM
10/2/2020	GANDHI JAYANTI QUIZ COMPETITION	CARMEL ROSE BENNY		2 DC	BOTANY DEPARTMENT BCM COLLEGE
		SUSAN T CHACKO		2 DC	
		MARIA SUSAN LAL		2 DC	
		DEVENDU M DIPU KUMAR		2 DC	

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		FATHIMA SULTHANA		2 DC	
		MEGHA ANIL		2 DC	
		JITHU K MATHEW		2 DC	
		M S ARUNIMA		3 DC	
		JOPHYJOSE		3 DC	
		AKHILA M		3DC	
		ARYA CM		3 DC	
1/10/2020	PROF SUSAN JOHN K MEMORIAL 13 <sup>th</sup> INTER COLLEGE ONLINE PHYSICS QUIZ COMPETITION	SUSAN T CHACKO		2 DC	BASELIUS COLLEGE KOTTAYAM
		JITHU K MATHEW		2 DC	
		MARIA SUSAN LAL		2 DC	
		FATHIMA SULTHANA		2 DC	
		NEERAJA K SHAJI		2 DC	
		KAVYA K S		2 DC	
		CARMEL ROSE BENNY		2 DC	
		DEVENDU M DIPAKUMAR		2 DC	
		RONA ROY		2 DC	
		ATHIRA KRISHNA		3 DC	

Physics Association Report 2020-21

		NEERAJA RAMESH		3 DC	
		TONY THOMAS		3 DC	
		M SARUNIMA		3 DC	
29/9/2020	WORLD HEART DAY ONLINE QUIZ COMPETITION	SOBHITHA CHANDRAN		3 DC	ZOOLOGY DEPARTMENT BCM COLLEGE KOTTAYAM
		ARYA CM		3 DC	
		NEERAJA RAMESH		3 DC	
		M S ARUNIMA		3 DC	
		ATHIRA KRISHNA		3 DC	
		FATHIMA SULTHANA		2 DC	
		JITHU K MATHEW		2 DC	
		MARIA SUSAN LAL		2 DC	
		SUSAN T CHACKO		2 DC	
		CARMEL ROSE BENNY		2 DC	
		AKHILA M		3 DC	
22/9/2020	INTERNATIONAL WEBINAR ON ENTREPRENEURIAL MIND SET	ARYA CM		3 DC	DEPARTMENT OF APPLIED ELECTRONIC PHYSICSKE

					COLLEGE MANNANAM
23/9/2020	INTERNATIONAL WEBINAR SERIES ON INTERNET ESSENTIAL SKILL AND CURRENT SCENARIOS	BRILLA JOHNSON		2 DC	DEPARTMENT OF COMPUTER SCIENCE BCM COLLEGE KOTTAYAM
	E QUIZ ON CULTURE AND HERITAGE OF HIMACHAL PRADESH	ATHIRA KRISHNA		3 DC	MARIAN COLLEGE KUTTIKANAM EBSB CLUB
		BETTY JAMES		3 DC	
8/8/2020	QUIZ COMPETITION ON HIROSHIMA AND NAGASAKI DAY	ATHIRA KRISHNA	FIRST	3 DC	DEPARTMENT OF PHYSICS BCM COLLEGE KOTTAYAM

		BETTY JAMES	FIRST	3 DC	
7/4/2020 TO 19/5/2020	ONLINE TRAINING ON PROGRAMMING WITH PYTHON	ROSEMOL BOBY		3 DC	INTERNSHALA TRAINING
	ONLINE QUIZ ON KERALA TOURISM	SUSAN T CHACKO		2 DC	EK BHARATH SRESHTA BHARATH CLUB OF NSS TRAINING COLLEGE PANDALAM
16/9/2020	ONLINE QUIZ ON WORLD OZONE DAY	ARYA CM		3 DC	DEPARTMENT OF PHYSICS ASSOCIATE WITH NATURE AND ENERGY CLUB OF ST . ALOYSIUS COLLEGEEDATHUA
8 TO 14/10/2020	VIDEO MAKING COMPETITION	RONA ROY	SECOND	2 DC	COMMERCE DEPARTMENT BCM COLLEGE KOTTAYAM
18/9/2020	POSTER MAKING COMPETITION	SUSAN T CHACKO	SECOND	2 DC	DEPARTMENT OF CHEMISTRY BCM COLLEGE KOTTAYAM
7/10/2020	BIRDS QUIZ	AKSHAYA JEENRAJ		2 DC	ALPHONSA COLLEGE PALA
21/9/2020	QUIZ COMPETITION	JITHU K MATHEW	SECOND	2 DC	DEPARTMENT OF CHEMISTRY BCM COLLEGE KOTTAYAM
29/9/2020	POSTER MAKING COMPETITION	JITHU K MATHEW		2 DC	DEPARTMENT OF FAQC BCM COLLEGE KOTTAYAM

7/10/2020	QUIZ COMPETITION	MARIYA SUSAN LAL		2 DC	CHEMISTRY DEPARTMENT ( KAIROS FIESTA) BCM COLLEGE KOTTAYAM
		CARMEL ROSE BENNY		2 DC	
		SUSAN T CHACKO		2 DC	
		FATHIMA SULTHANA		2 DC	
		AKSHAYA JEENRAJ		2 DC	
		AKHILA G NAIR		2 DC	
7/10/2020	QUIZ	JOPHY JOSE		3 DC	ZOOLOGY DEPARTMENT

Physics Association Report 2020-21

		NANDANA VIJAY		2 DC	
		ANAGHA K REJI		2 DC	
		KEERTHANA V		2 DC	
		RONA ROY		2 DC	
9/10/2020	DEAR DIARY COMPETITION	JITHU K MATHEW	SECOND	2 DC	DEPARTMENT OF ENGLISH BCM COLLEGE KOTTAYAM
9/10/2020 TO 11/10/2020	QUIZ COMPETITION	SUSAN T CHACKO		2 DC	DEPARTMENT OF PHYSICS KG COLLEGE PAMPADY
		CARMEL ROSE BENNY		2 DC	
		RONA ROY		2 DC	
		MEGHA ANIL		2 DC	
		NANDANA VIJAY		2DC	
		MARIYA SUSAN LAL		2DC	
		KAVYA K S		2DC	
		DEVIKA K SUNIL		2 DC	

COMPETITION ON WILD WEEK	ARYA CM		3 DC	BCM COLLEGE KOTTAYAM
	SOBHITHA CHANDRAN		3 DC	
	AKHILA M		3 DC	
	SUSAN T CHACKO		2 DC	
	CARMEL ROSE BENNY		2 DC	
	FATHIMA SULTHANA		2 DC	
	DEVENDU M DIPUKUMAR		2 DC	
	MARIYA SUSAN LAL		2DC	
	NEERAJA K SHAJI		2 DC	
	KAVYA K S		2 DC	
	MEGHA ANIL		2 DC	

		AKSHAYA JEENRAJ		2 DC	
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	MEENAKSHI RAJESH		2 DC
	AKHILA G NAIR		2DC
	JITHU K MATHEW		2 DC
	FATHIMA SULTHANA		2 DC
	DEVENDU M DIPUKUMAR		2 DC
	FASNA A H		2 DC
	NEERAJA K SHAJI		2 DC
	KEERTHANA V		2 DC
	ANAGHA K REJI		2 DC
	SREELAKSHMI		2 DC
	MEENAKSHI OMANAKUTTAN		3 DC
	ARYA CM		3 DC

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27/9/2020	ONLINE QUIZ COMPETITION	FATHIMA SULTHANA		2 DC	ENGLISH CLUB OF SAINTGITS COLLEGE OF APPLIED SCIENCES KOTTAYAM
12/10/2020	WORLD SPACE WEEK ONLINE QUIZ COMPETITION	CARMEL ROSE BENNY		2 DC	MARTHOMA COLLEGE FOR WOMEN PERUMBAVOOR
		MARIYA SUSAN LAL		2 DC	
		FATHIMA SULTHANA		2 DC	
		M SARUNIMA		3 DC	
		RONA ROY		2 DC	
16/10/2020	CAPTION WRITING COMPETITION	JITHU K MATHEW	FIRST	2 DC	DEPARTMENT OF CHEMISTRY BCM COLLEGE KOTTAYAM
		SUSAN T CHACKO	SECOND	2 DC	
9/10/2020	POWER POINT PRESENTATION	RONA ROY	SECOND	2 DC	DEPARTMENT OF CHEMISTRY BCM COLLEGE KOTTAYAM
		AKSHAYA JEENRAJ	SECOND	2 DC	
5/10/2020	QUIZ COMPETITION	JITHU K MATHEW	SECOND	2 DC	DEPARTMENT OF CHEMISTRY BCM COLLEGE KOTTAYAM
		SUSAN T CHACKO	FIRST	2 DC	
24/10/2020	NEP TRANSFORMING INDIA – AWARENESS QUIZ	MARIYA SUSAN LAL		2 DC	BASELIUS COLLEGE KOTTAYAM
		JITHU K MAHTEW		2 DC	

		NANDANA VIJAY		2DC	
5/10/2020	WORLD SPACE WEEK QUIZ	JITHU K MATHEW		2 DC	DEPARTMENT OF PHYSICS BCM COLLEGE KOTTAYAM
17/10/2020	INTRODUCTION TO ELECTRONICS	MS ARUNIMA		3 DC	GEORGIA INSTITUTE OF TECHNOLOGY
17/10/2020	ADVANCE MODULE OF THE MASSIVE OPEN ONLINE COURSE	SURYA MURALEEDHARAN		3 DC	UNITED NATIONS OFFICE FOR OUTER SPACE AFFAIRS
26/9/2020	INTERNATIONAL OBSERVE THE MOON LIGHT	M S ARUNIMA		3 DC	THE INTERNATIONAL OBSERVE THE MOON COORDINATING COMMITTEE
		SURYA MURALEEDHARAN		3 DC	

Physics Association Report 2020-21

9/10/2020	OPPORTUNITIES IN DIGITAL WORLD AFTER COVID-19	ARYA CM		3 DC	NSS UNIT MAR THOMA COLLEGE TIRUVALLA
26/9/2020	WEBINAR ON LANDMARK DISCOVERY OF A FAR AWAY GALAXY USING THE INDIAN ASTRO AT SPACE OBSERVATORY	M SARUNIMA		3 DC	IUCAA CENTRE FOR ASTROPHYSICS RESEARCH AND DEVELOPMENT
8/10/2020	LECTURE ON “ WHY CAN’T TIME RUN BACKWARDS”	MS ARUNIMA		3 DC	MAR ATHANASIOUS COLLEGE KOTHAMANGALAM
18/10/2020	MERITORIUM KNOWLEDGE ACADEMY	SURYA MURALEEDHARAN		3 DC	MERITORIUM KNOWLEDGE ACADEMY
16/9/2020	ONLINE QUIZ COMPETITION	MS ARUNIMA	FIRST	3 DC	DEPARTMENT OF PHYSICS BCM COLLEGE KOTTAYAM
		MEENAKSHI OMANAKUTTAN	SECOND	3 DC	
15/10/2020	MICROSOFT AL	SURYA		3 DC	NASSCOM

16//11/2020	INTERNATIONAL WEBINAR SERIES ON THE TOPIC LIGHT AND HEALTH AND WHERE IS THE PHYSICS THERE	NEERAJA RAMESH		3 DC	PHYSICS DEPARTMENT BCM COLLEGE KOTTAYAM
		ALEENA ANNA ALEX		3 DC	
		BETTY JAMES		3 DC	
		M S ARUNIMA		3 DC	
		SAFALYA SURENDRAN		3 DC	
		HARITHA ER		3 DC	
		SOBHITHA CHANDRAN		3 DC	
		JOPHY JOSE		3 DC	
		PRIYA MOL M		3 DC	
		AKHILA M		3 DC	

		RONA ROY		2 DC	
		MEENAKSHI RAJESH		2 DC	

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7/10/2020	WORLD SPACE WEEK 2020	ALEENA SOSA CHRISTOPHER		3 DC	PHYSICS DEPARTMENT BCM COLLEGE KOTTAYAM
		JITHU K MATHEW		2 DC	
		JOPHY JOSE		3D C	
8/11/2020	POWER QUIZ 2020	MEENAKSHI OMANAKUTTAN		3 DC	KSEB OFFICERS ASSOCIATION
		NEERAJA RAMESH		3 DC	
		ATHIRA KRISHNA		3 DC	
		M S ARUNIMA		3 DC	
		RONA ROY		2 DC	
		MARIYA SUSAN LAL		2DC	
		SUSAN T CHACKO		2DC	
		MEGHA ANIL		2DC	

		AKSHAYA JEENRAJ		2DC	NANDHA ARTS AND SCIENCE COLLEGE PLACEMENT AND NSEED CELL
		FATHIMA SULTHANA		2DC	
		NANDANA VIJAY		2DC	
		CARMEL ROSE BENNY		2DC	
		DEVENDU M DIPUKUMAR		2DC	
		JITHU K MATHEW		2 DC	
		KAVYA K S		2 DC	
27/10/2020	QUIZ COMPETITION	M S ARUNIMA		3 DC	
12/10/2020	ONLINE SPACE QUIZ COMPETITION	M S ARUNIMA		3 DC	MAR THOMA COLLEGE FOR WOMEN PERUMBAVOOR
20/11/2020	LYCEUM LECTURE SERIES	SOBHITHA CHANDRAN		3 DC	PHYSICS DEPARTMENT SH COLLEGE THEVARA
		BETTY JAMES		3DC	
		NEERAJA RAMESH		3 DC	
		ATHIRA KRISHNA		3 DC	
		M S ARUNIMA		3 DC	

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24/9/2020	National e-Workshop on X-Ray Diffraction Technique	BETTY JAMES		3 DC	Department of Physics, Amity School of Applied Science, Amity University, Haryana
11/11/2020	WEBINAR ON “Low Dimensional Semiconducting Oxides for Energy and Medical Applications”	BETTY JAMES		3 DC	SAINTGITS COLLEGE OF ENGINEERING
		ATHIRA KRISHNA		3 DC	
		MS ARUNIMA		3 DC	
		FATHIMA SULTHANA		2 DC	
		NEERAJA RAMESH		3 DC	
		SAFALYA SURENDRAN		3 DC	
22/11/2020	ONLINE QUIZ ON INDIAN CONSTITUTION DAY	MEENAKSHI RAJESH	SECOND	2 DC	BPC COLLEGE PIRAVOM NCC UNIT
3/12/2020	INTERNATIONAL NAVY DAY QUIZ COMPETITION	MEENAKSHI RAJESH		2 DC	NAVY TO THE EARTH 2020
		BRILLA JOHNSON		2 DC	
10/11/2020	RUNNING THE WORLD WITH SOLAR FUELS	JOPHY JOSE		3 DC	DEPARTMENT OF PHYSICS ST PLUS X COLLEGE RAJAPURAM KASARGOD



Physics Association Report 2020-21		MEENAKSHI OMANAKUTTAN		3 DC	
		NEERAJA RAMESH		3 DC	
		SAFALYA SURENDRAN		3 DC	
		VRINDHA S RAJ		3 DC	
		ATHIRA KRISHNA		3 DC	
		BETTY JAMES		3DC	
		APARNA SANTHOSH		3 DC	
11/11/2020	WEBINAR ON CARRIER OPPORTUNITIES IN PHYSICS	NANDANA VIJAY		2 DC	KG COLLEGE PAMPADY
		JITHU K MATHEW		2 DC	
4/12/2020	PREAMBLE TO CONSTITUTION	MEENAKSHI RAJESH		2 DC	
10/10/2020	CAPTION WRITING COMPETITION	JITHU K MATHEW	FIRST	2 DC	DEPARTMENT OF CHEMISTRY
		SUSAN T CHACKO	SECOND	2 DC	
9/10/2020	POWER POINT MAKING	RONA ROY	SECOND	2 DC	DEPARTMENT OF CHEMISTRY
		AKSHAYA JEENRAJ	THIRD	2 DC	
7/10/2020	DIARY ENTRY COMPETITION	JITHU K MATHEW	SECOND	2 DC	DEPARTMENT OF ENGLISH
5/10/2020	QUIZ COMPETITION	SUSAN T CHACKO	FIRST	2 DC	DEPARTMENT OF CHEMISTRY
		JITHU K MATHEW	THIRD	2 DC	
17 TO 21/ 11/2020	WORKSHOP SCIENCE NEWS WRITING	ALEENA SOSA CHRISTOPHER		3 DC	SCIENCE MEDIA CENTRE AND INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH
8/12/2020	E-CELL AMBASSADOR	ALEENA SOSA CHROSTOPHER		3 DC	IITBOMBAY

Physics Association Report 2020-21

14/10/2020	ENERGY CONSERVATION DAY ONLINE QUIZ 2020	ASHITHAMOL S KUMAR		1 DC	ST ALOYSIUS COLLEGE EDATHUA
		ASIN T		1 DC	
12/10/2020	QUIZ COMPETITION	CARMEL ROSE BENNY		2 DC	MARTHOMA COLLEGE FOR WOMEN PERUMBAVOOR
		MARIYA SUSAN LAL		2 DC	
		FATHIMA SULTHANA		2 DC	
		RONA ROY		2 DC	
	MOVIE REVIEW COMPETITION	ROSEMOL BOBY	THIRD	3 DC	PHYSICS ASSOCIATION KURIAKOSE GREGORIOS COLLEGE PAMPADY
15/3/2021	INTERNATIONAL MATHEMATICS DAY LOGICAL QUIZ COMPETITION	ATHIRA KRISHNA	SECOND	3 DC	DEPARTMENT OF MATHS BCM COLLEGE KOTTAYAM
23 to 25/2020	ESSAY COMPETITION TOPIC ; WOMEN EMPOWERMENT	NANDHANA MANOJ	SECOND	1 DC	DEPARTMENT OF COMMERCE BCM COLLEGE KOTTAYM





NATIONAL CADET CORPS, NAVAL WING  
ST. ALOYSIUS' COLLEGE, EDATHUA  
5 KERALA NAVAL UNIT, NCC CHANGANASSERY



### *Certificate of Appreciation*

This is to certify that Mr./Ms. **Megha Anil**, Student .....

of ..... **BCM College kottayam** .....

has successfully participated in the

### *'Hiroshima and Nagasaki Days Memorial Quiz'*

organized by the National Cadet Corps, Naval Wing of St. Aloysius' College, Edathua

on ..... **8/8/2020** ..... and has taken

### *'Be Vocal About Local' Pledge*

for the commitment to perform the services to the Nation as a responsible national.

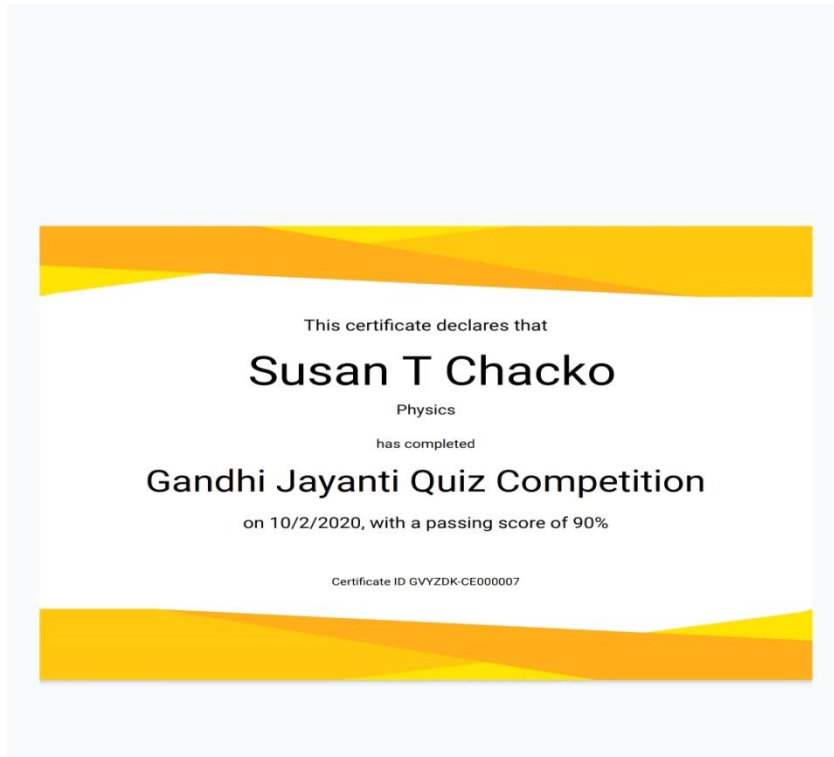
ASSOCIATE NCC OFFICER

S. Lt. Paul Jacob



PRINCIPAL

Dr. Jochan Joseph



DEPARTMENT OF PHYSICS  
ST.PETER'S COLLEGE, KOLENCHERY

## CERTIFICATE OF MERIT

This Award is

presented to  
**SUSAN T CHACKO**

*Susan T Chacko*  
For being the best performer of Online Quiz based on  
International Ozone Day Celebrations 2020 Conducted by  
Department of Physics St. Peter's College, Kolenchery .

Dr.Shaju Varghes  
Principal  
the Department  
kolenchery  
St. Peter's college

*Soumya*  
a kuriakose  
Head of  
Department of Physics





## **CMS College Kottayam (Autonomous)**

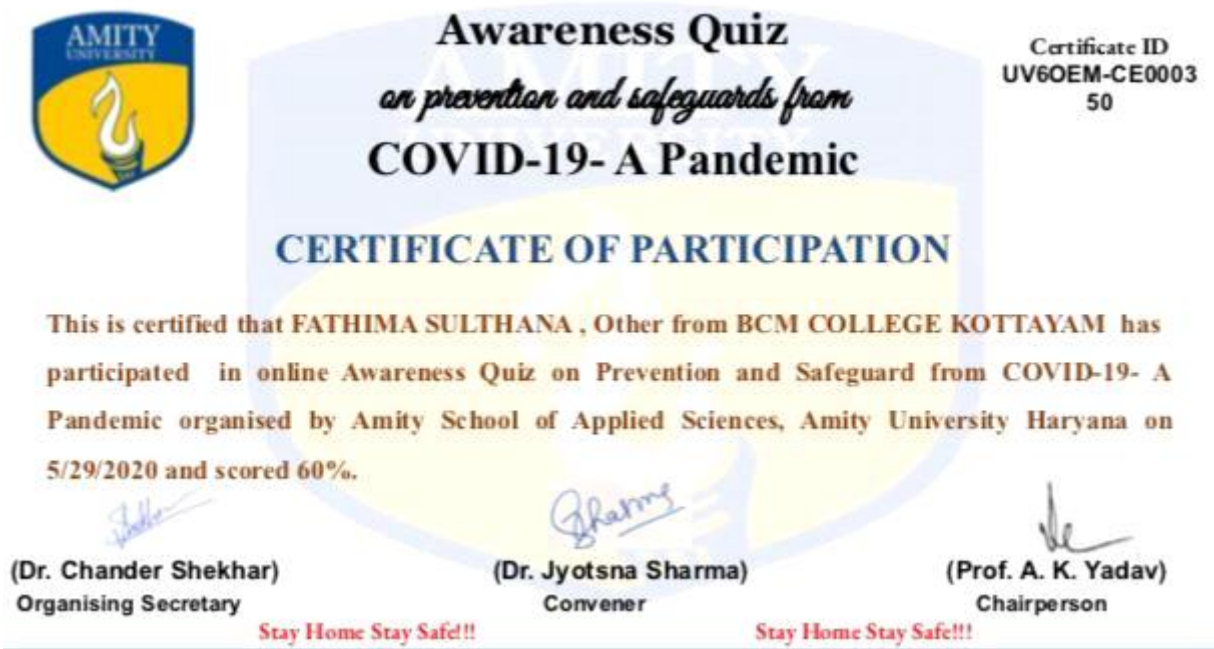
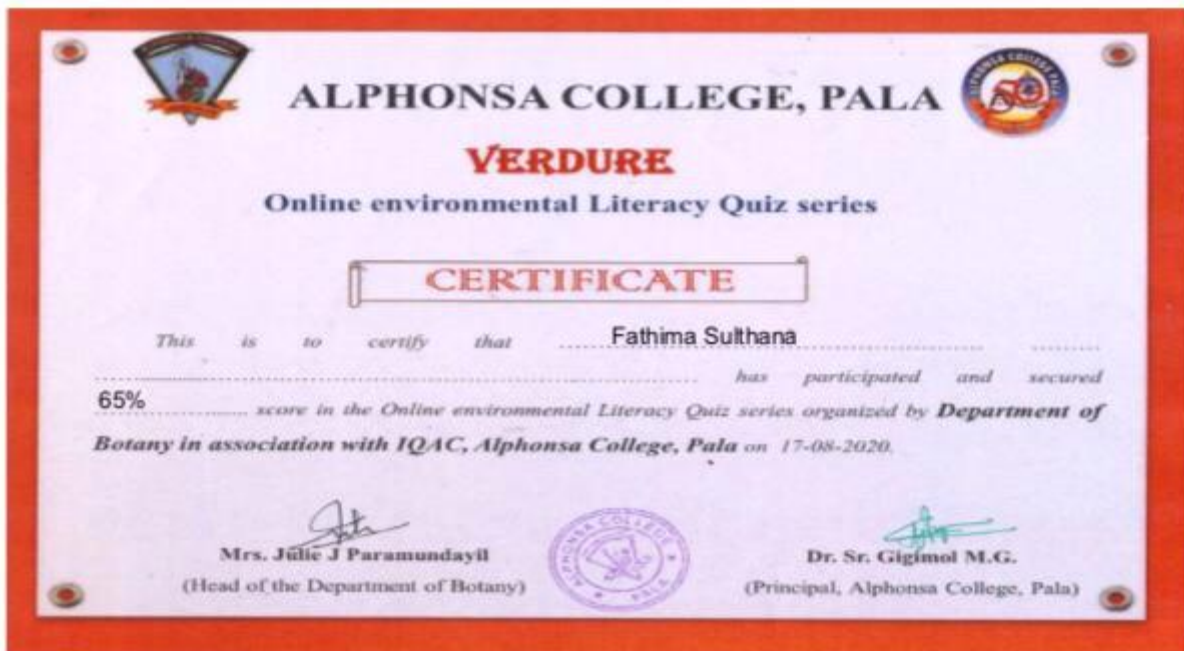
This is to certify that **Fathima Sulthana**  
has successfully qualified the National level Online Quiz on  
'Indian Freedom Movement (1857 to 1947)' organized by  
the Department of History, CMS College Kottayam  
from 15<sup>th</sup> to 17<sup>th</sup> August 2020

A handwritten signature in green ink, appearing to read 'Varghese'.

**Dr. Varghese C Joshua**  
Principal

A handwritten signature in black ink, appearing to read 'Sumi'.

**Dr. Sumi Mary Thomas**  
Head of the Department





BISHOP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM

**DEPARTMENT OF ZOOLOGY**

*This certificate is presented to Susan T Chacko for successfully completing the online quiz competition conducted by Department Of Zoology, B.C.M College, Kottayam as a part of WILDLIFE WEEK CELEBRATION on 8th October,2020.*

SIGNATURE  
HOD, Dept. Of Zoology



BISHOP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM

**DEPARTMENT OF ZOOLOGY**

*This certificate is presented to Carmel Rose Benny for successfully completing the online quiz competition conducted by Department Of Zoology, B.C.M College, Kottayam as a part of WILDLIFE WEEK CELEBRATION on 8th October,2020.*

SIGNATURE  
HOD, Dept. Of Zoology



**SAINTGITS COLLEGE OF APPLIED SCIENCES**  
KOTTAYAM, KERALA

*Certificate of Achievement*

This is to certify that **Ms. Fathima Sulthana** of BCM College, Kottayam has actively participated in the **Online Quiz** programme organized by the English Club of Saintgits College of Applied Sciences on 27<sup>th</sup> September 2020.



Asst. Prof. Anju Ann Abraham  
Coordinator

Dr. K. K John  
Principal

**LEARN . GROW . EXCEL**



**MAR THOMA COLLEGE FOR WOMEN**  
**PERUMBAVOOR**

(Affiliated to Mahatma Gandhi University and Re-Accredited by NAAC)

*Online Space Quiz*

**Certificate**

This is to certify that **Carmel Rose Benny**, BCM College Kottayam has successfully completed the **Online Space Quiz** organised by Department of Physics, Mar Thoma College For Women, Perumbavoor, on 12 October 2020, with a passing score of 95%.


Dr. Anupama P.  
HoD, Dept. of Physics

Dr. Gigi George  
Principal-in-charge

JMRBUE-CE000011









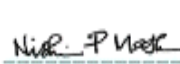
**KURIAKOSE GREGORIOS COLLEGE, PAMPADY**  
**DEPARTMENT OF PHYSICS**


*Certificate Of Participation*

This is to certify that Carmel Rose Benny student of BCM College Kottayam has successfully completed and secured above 70% in the Space Quiz conducted by the Department of Physics in relation to World Space Week 2020.

  
**Ms. Archana Kartha**  
Association Incharge

  
**Dr. Shyla Abraham**  
Principal

  
**Ms. Nishitha P Mathew**  
Head, Department of Physics

  
**Mr. M Thomas Yakob**  
Association Secretary



**BASELIUS COLLEGE**

Kottayam, Kerala, India - 686001 ESTD.1964  
NAAC accredited @ A Grade with CGPA of 3.11  
<http://www.basilius.ac.in>

*Certificate of Participation*



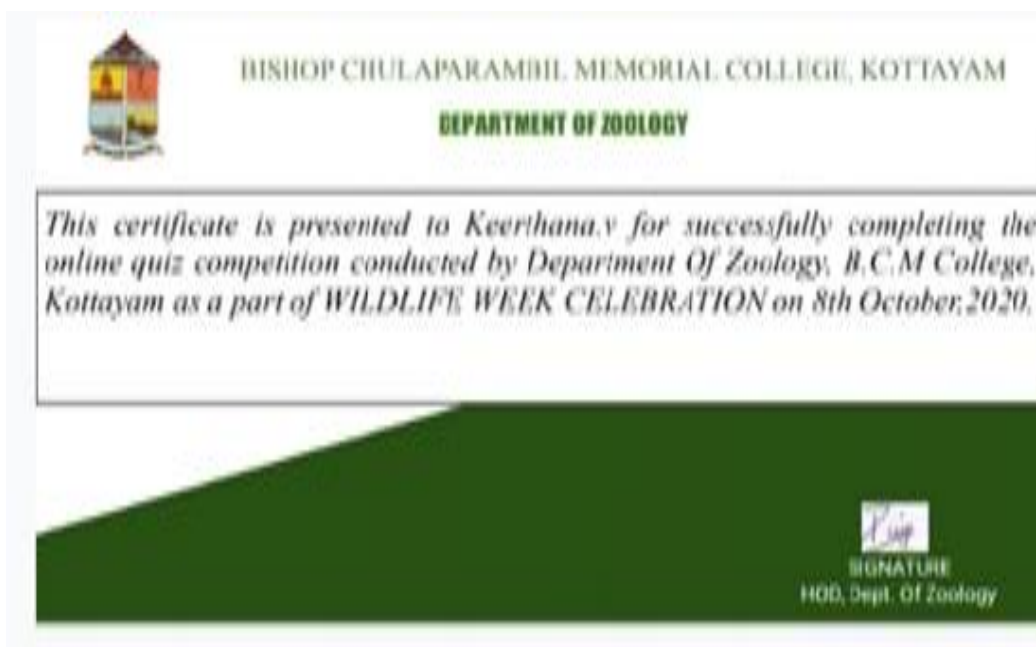
This is to certify that **JITHU K MATHEW, BCM COLLEGE, KOTTAYAM** has successfully completed "Prof. Susan John K Memorial 13th Intercollegiate Online Physics Quiz Competition 2020" on 1-10-2020 with the passing score of 80%.

  
**Dr. Misha Hari**  
Association in Charge

  
**Dr. Sindu Jones**  
Head of the Physics department

  
**Dr. Biju Thomas**  
Principal

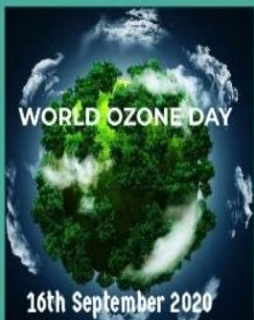




# SCIENCE FORUM, MAHARAJA'S COLLEGE ERNAKULAM



## CERTIFICATE



This is to certify that **Jithu K. Mathew, II BSc. Physics, BCM College, Kottayam** has participated in the Poster making competition on the topic "**Ozone for Life-35 Years of Ozone Layer Protection**" in connection with the Ozone Day Celebration organized by the Science Forum, Maharaja's College, Ernakulam on 16th September 2020.

Handwritten signature of Dr. Neena George in blue ink.

**Dr. Neena George**  
Convener, Science forum



Handwritten signature of Dr. Jayamol K.V. in blue ink.

**Dr. Jayamol K.V**  
Principal





UNION CHRISTIAN COLLEGE, ALUVA  
7 KERALA GIRLS BN NCC THRISSUR  
KERALA AND LAKSHADWEEP DIRECTORATE

**thrivarna 2020**

*This is to certify that CDT. Jithu K Mathew  
of Bishop Chulaparampil Memorial College, Changanassery,  
5 Kerala Girls Bn NCC has secured third prize in  
Independence Day Message competition as part of  
Independence Day Celebrations 2020.*

  
ASSOCIATE NCC OFFICER  
LT. DR. G GEETHIKA

  
PRINCIPAL-IN-CHARGE  
DR. DAVID SAJ MATHEW



Date: 25/08/2020

**SCIENCE FORUM, MAHARAJA'S COLLEGE ERNAKULAM**



**CERTIFICATE**

This is to certify that **JITHU K MATHEW, 2<sup>nd</sup> year Bsc  
Physics, BCM COLLEGE, KOTTAYAM** has attended an online quiz on “**Ozone for Life-35 Years of Ozone Layer Protection**” in connection with  
the Ozone Day Celebration organized by the Science Forum,  
Maharaja’s College, Ernakulam on 16th September 2020 and has  
scored 70% marks



**WORLD OZONE DAY**  
16th September 2020

  
**Dr. Neena George**  
Convener, Science forum



  
**Dr. Jayamol K.V**  
Principal



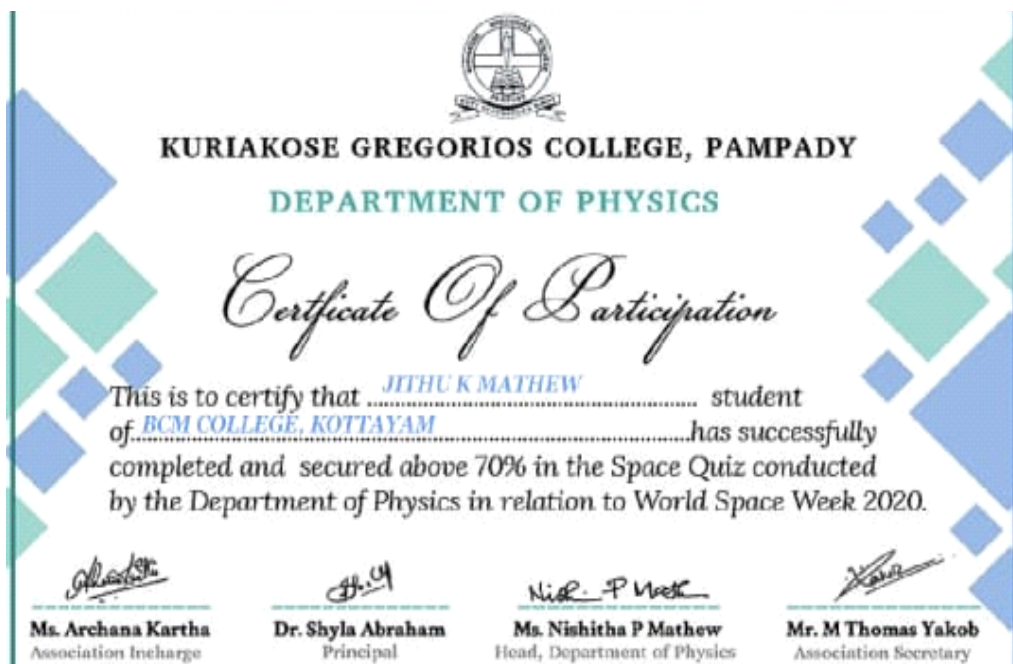








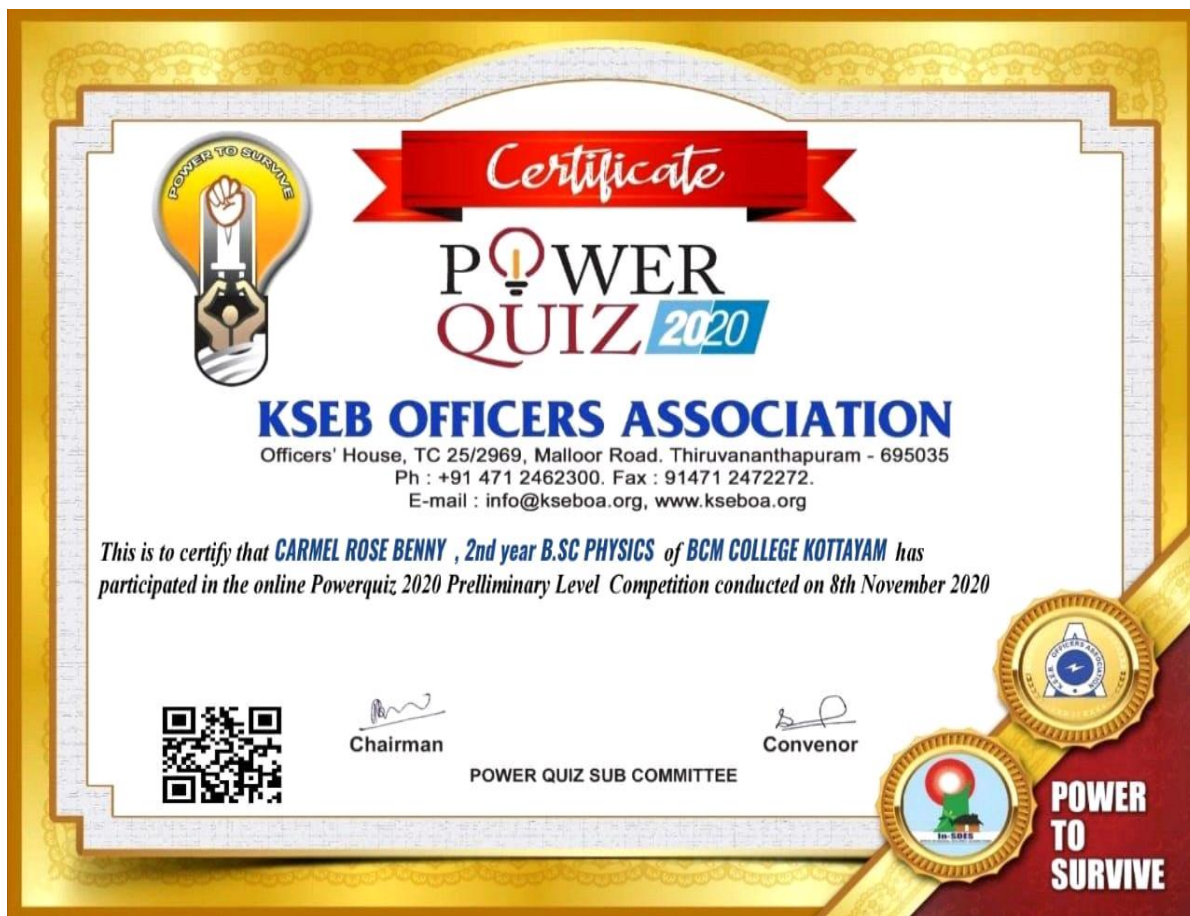




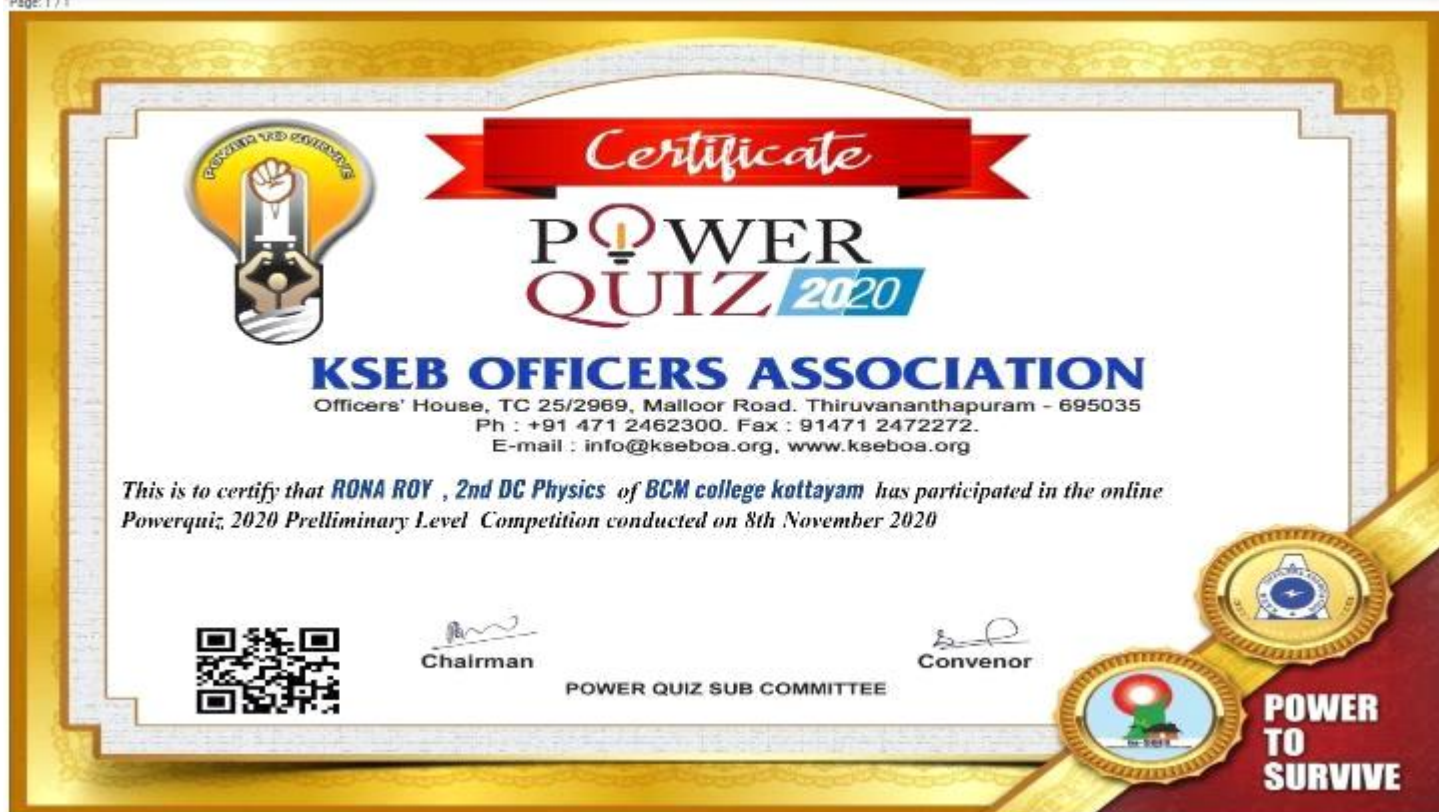








Page: 1 / 1





# CERTIFICATE

This is to certify that Mr./Ms. **Megha Anil** has actively participated and qualified in the 'IND QUIVERS: MEGA QUIZ 2020' organised by III B.Com Aided, Research and PG Department of Commerce in association with Marian Ek Bharat Shreshtha Bharat Club, Marian College Kuttikkanam (Autonomous) dated 10/08/2020 on the topic "Eve of Independence 1901-1918"

 Rev. Dr. Roy Abraham P Principal	 Dr. Thomas K V Head of B.Com Program	 Dr. Jose James Director Planning and Development	 Ms. Syama U S EBSB Club coordinator and Assistant Professor in Department of Applied Economics
--	--	--	--



## BASELIOS POULOSE II CATHOLICOS COLLEGE

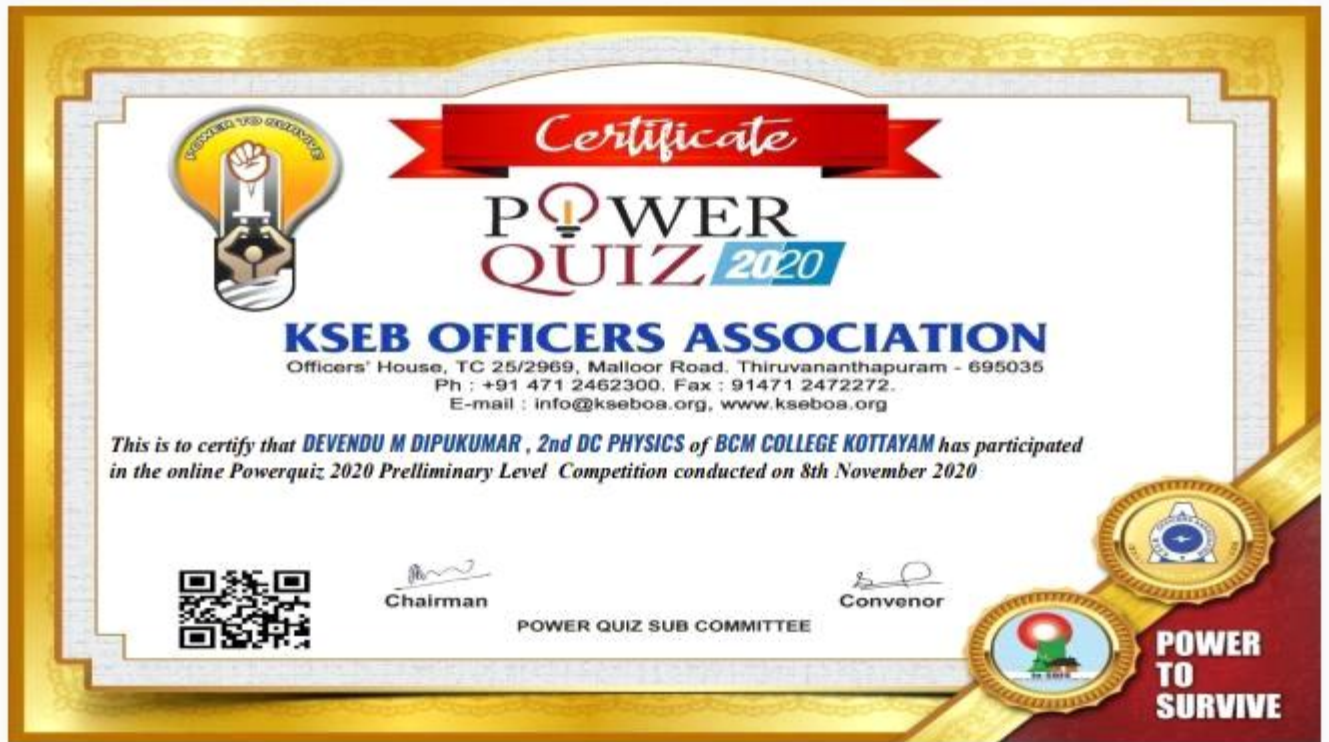
Piravom-686 664, Ernakulam District, Kerala State  
(Re-Accredited with A Grade by NAAC)



This is to certify that  
**MEENAKSHI RAJESH**  
has secured *Second Position* in the "Online Quiz Competition on Indian Constitution"  
organised by BPC College Piravom NCC Unit on 22-11-2020.

 Gouri Anilkumar Under Officer	 Captain Dr. Sushan P K Associate NCC Officer	 Dr. Tiji Zachariah Principal
---	--	--







# Rona Roy

Bsc.Physics , BCM college kottayam



has completed

## INTERNATIONAL WEBINAR SERIES on the topic 'Light and Health - and where is Physics there?'

on 16-11-2020, with a passing score of 100%

Certificate ID PFQQCS-CE000024

Made for free with Certify'em

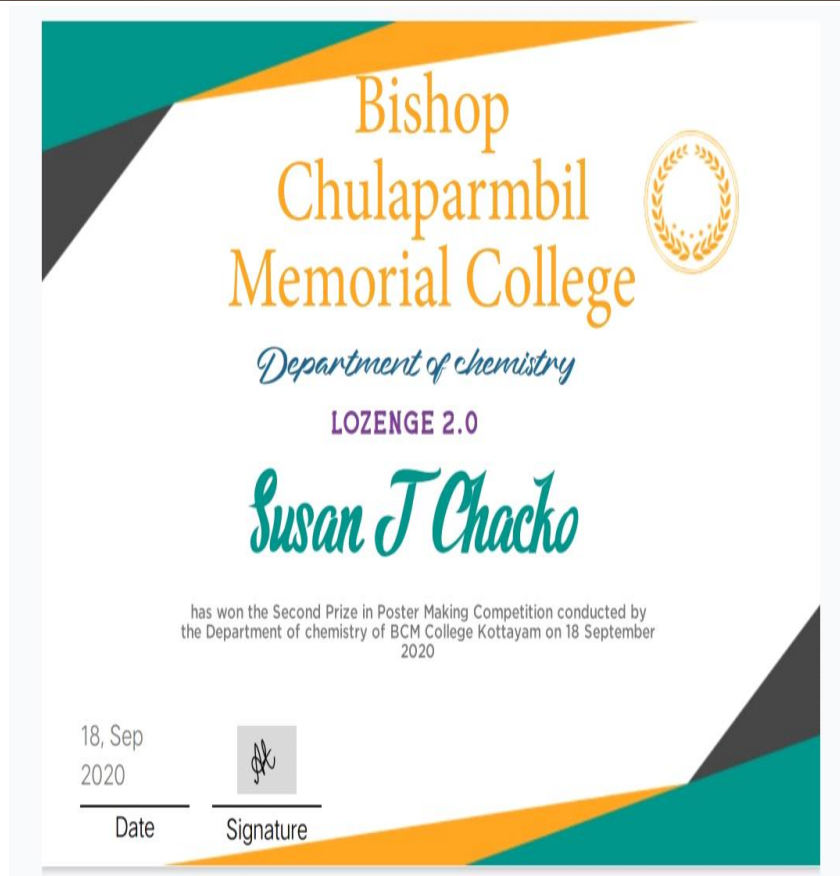
 *Govt. Girl's P.G. Excellence College Ujjain M.P.* 

### Certificate of Appreciation

This is to certify that **Surya Raveendran** has participated online National Defence Quiz organised by 10 MP BN NCC, Govt. Girls College Ujjain M.P.

Lt. Saroj V. Ratnakar NCC Officer	5/29/2020 Date	Dr. Ulka Yadav Principal
--------------------------------------	-------------------	-----------------------------

This is an electronically generated scertificatedoes not require a signature





## 4. PARTICIPATION IN ARTS

Litty Maria from 2<sup>nd</sup> DC won first prize in Spot Painting Competition and Second prize in clay modeling.



## **5. GREEN INITIATIVE BY THE DEPARTMENT**

The association activities for the academic year 2020-21 was fully paper free. All registration forms for various competitions were done through google forms and all assignments were also done online.

## 6. NCC

### CERTIFICATE

IT MAY TO WHOM SO EVER CONCERN

This is to verify that the following students of Physics department participated in various NCC Camp during the academic year 2020-21.

0. Betty James
1. Amrutha Siby
2. Tony Thomas
3. Safalya Surendran
4. Parvathy S
5. Meenakshi Rajesh
6. Jithu K Mathew
7. Sreelakshmi V H
8. Devika K Sunil
9. Megha Anil
10. Akshaya Jeenraj
11. Surya Raveendran
12. Ansu Sabu
13. Nivya Prakash
14. Sneha Surendran

## 7. NSS

### CERTIFICATE

IT MAY TO WHOM SO EVER CONCERN

Our 1<sup>st</sup> year and 2<sup>nd</sup> year students were the part of various programs organised by the NSS for the development of students

Anna Treesa Saji

Brilla Johnson

Carmel Rose Benny

Mariya Susan Lal

Susan T Chacko

S Amrithakrishna

Jyothilakshmi D

Ananya Raju

Arjuna Reji

Anila T Sunny

## 8. Alumni Day

### REJOICE- ALUMNI MEET 2021

We have conducted Alumni 2021 named as “REJOICE” on March 20 ,2021 at 7:00-8:00 pm via google meet. The event started sharply at 7:00pm with prayer song by Akshaya Jeenraj of 2<sup>nd</sup> DC Physics. A snap video was presented on the theme Alumni 2021 to the audience which was followed by welcome speech given by HOD of our department, Assistant professor Smitha Joseph. Our former Vice Principal and HOD Marykutty Miss and Lucy Miss shared their memories. Guest lecturer Sreekala Miss shared her memories with teachers and students followed by interactive session for Alumni’s event.

Anna Tressa Saji, Assistant Secretary of our department concluded the meeting with vote of thanks. Event winded-up around 8:00pm.





## 9. **Extension Activities**

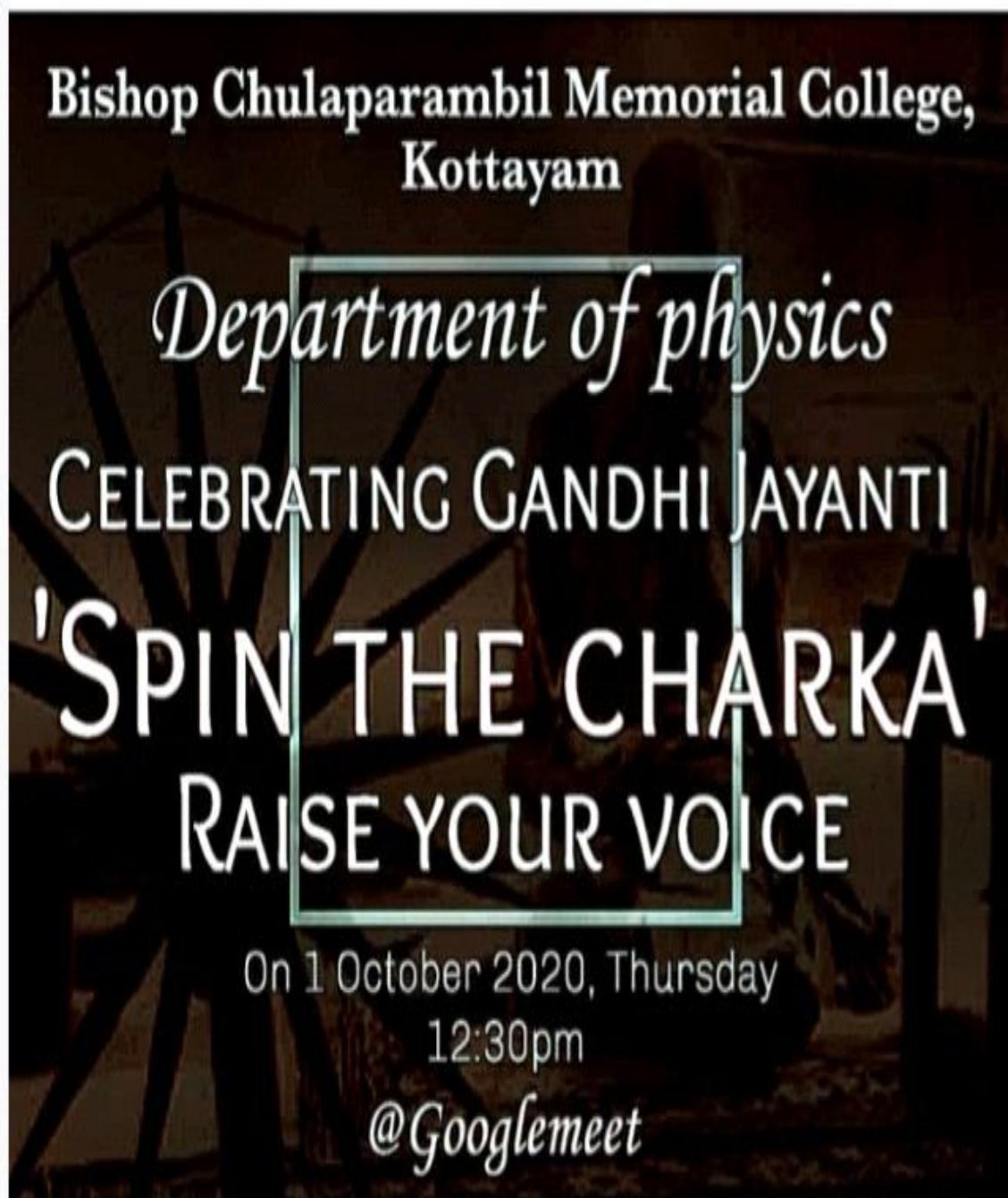
- Department of Physics extended its helping hands by giving mobile phones for needy students during the days of pandemic,
- The mobile data was recharged for 2 students.
- An amount of Rs 5000/- was given to an alumna of physics dept for her higher studies.

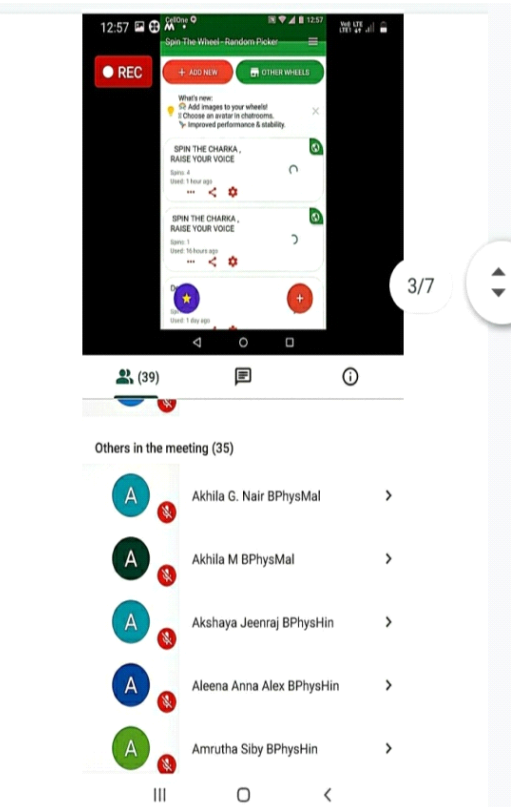
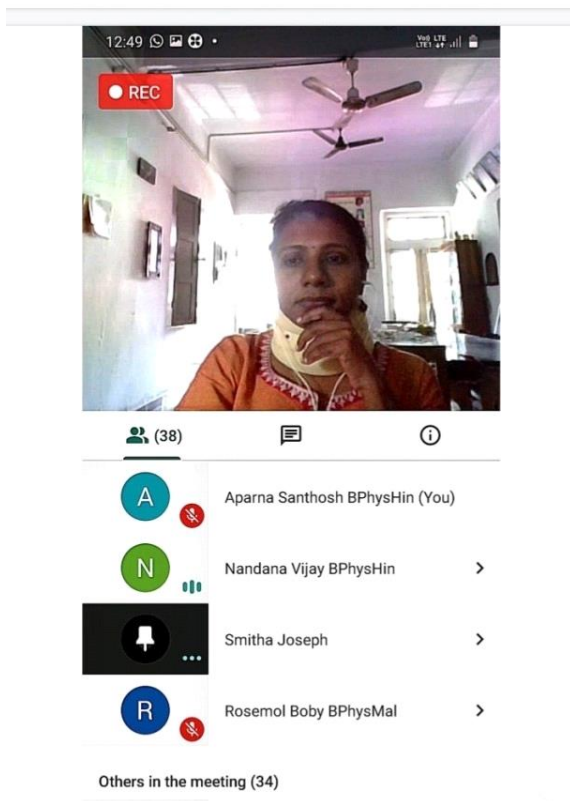
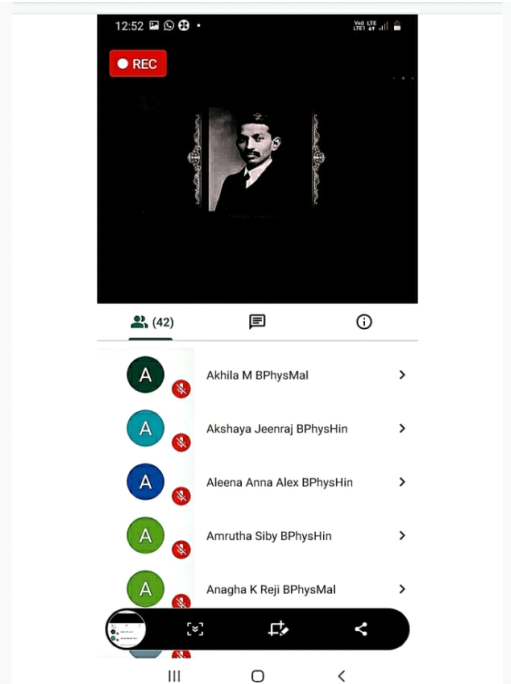
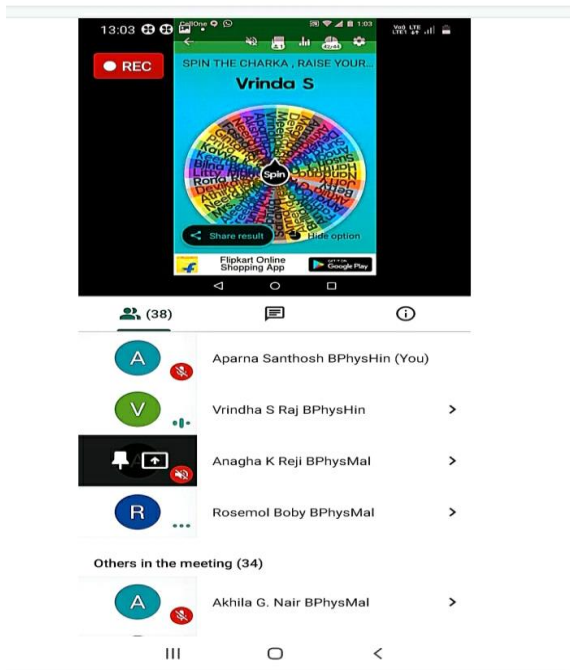
## **10.INNOVATIVE / UNIQUE PROGRAM**

### **GANDHI JAYANTI 2020**

On 1<sup>st</sup> October 2020 we celebrated Gandhi Jayanti within the department, everyone was invited to the online session which started by sharp 12:30 pm. Nandhana Vijay from 2<sup>nd</sup> DC gave welcome speech, a small documentary about Gandhiji was shown to everyone. “Spin The Charka – Raise Your Voice” was something really splendid, interesting, informative and a new game to everyone including teachers, where you share your thoughts about Mahatma Gandhi. We had 48 names written on the spinning wheel including our HOD Asst. Prof. Smitha Joseph. We had eight questions in total, the person whom should give their thoughts on question given to them based on Gandhiji and the chance for everyone in taking part in the session was completely decided by spinning the charka. The game made each and every one to listen and participate. The short session made a huge impact to bring every student in front and participate. The session was a huge success, participation of each and everyone and the mastermind of making a game this much interesting and informative was appreciated by HOD. Smitha Joseph. The meeting was hosted by Rosemol Bobby and Carmel Rose Benny. Akhila. G. Nair and Anagha. K. Reji did the presentation of the video and game very nicely. The session came to an end by 1:30pm and the vote of thanks was delivered by Association Treasurer Susan. T. Chacko.

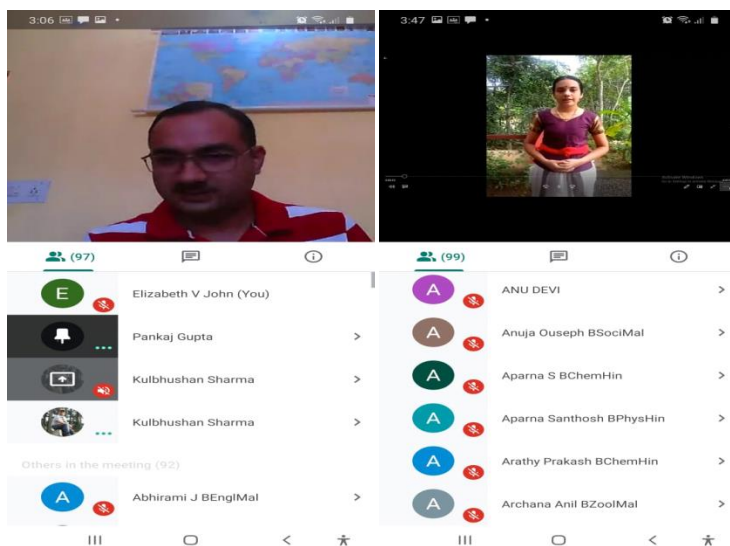
On 2<sup>nd</sup> October 2020 Department of Physics conducted an online interdepartmental crossword puzzle celebrating Gandhi Jayanti, “GANDHI JAYANTI CROSSWORD PUZZLE 2020”. The puzzle was a great success, we got 60 responses in total. Each and everyone who took part in the puzzle was awarded with an e-certificate.





## Gandhi Jayanti Celebration In Association With Ek Bharat Sreshta Bharat

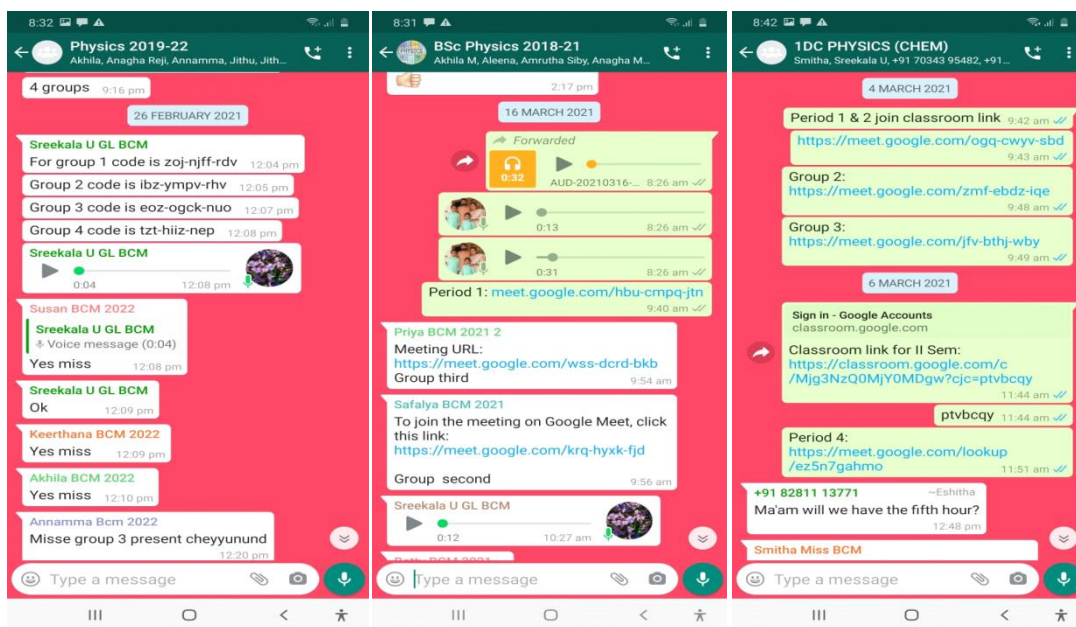
On October 2<sup>nd</sup> in connection with Ek Bharat Sreshta Bharat, NSS unit of our college along with Govt College of Kasor, Himachal Pradesh conducted Gandhi jayanti celebration along with a cultural extravaganza. Students from our department took part the event. Betty James of 3<sup>rd</sup> DC presented a power point presentation explaining Gandhiji's relation with Kerala. Akhila G Nair from 2<sup>nd</sup> DC performed Kalaripayttu and Arya C M from 3<sup>rd</sup> DC dressed in Kerala attire and explained about the attire to the audience. The students of Government College Karsor presented their folk dances in traditional attires along with folk songs and a presentation on Gandhiji's relation with Himachal Pradesh. The programme was a huge success and we were happy to participate in the event.





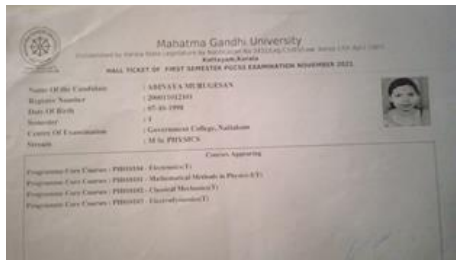
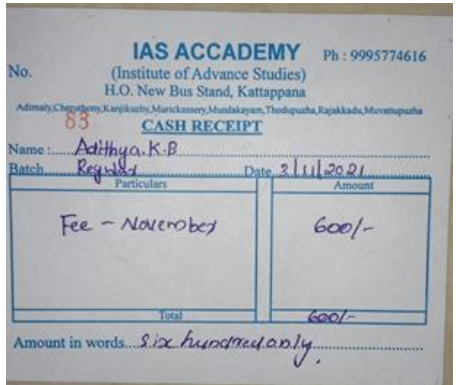
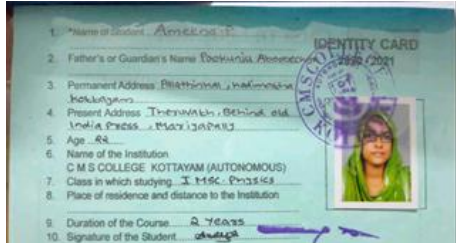
## 11. PROGRAMMES FOR SLOW/ ADVANCED LEARNERS

For helping students to understand the portions better a peer learning section was conducted for first, second and third years. For this students were divided into different groups and each group had a meet section where they discussed various portions. The section was very effective as students helped each other to clear their doubts.




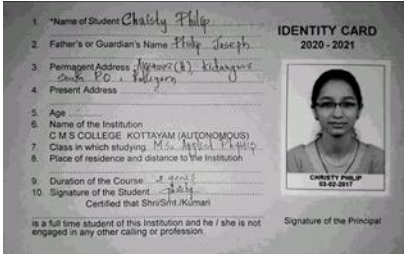
## 12. DETAILS OF 2020 GRADUATE STUDENTS

### Students for Higher Education

Reg No	Name	Name of institution joined	Name of programme admitted to	Proof
170021033491	ABINAYA MURUGESAN	Government College Kottayam	MSc Physics	
170021033492	ADITHYA K B	IAS Academy Mundakayam	PSC Coaching	
170021033494	AMEENA P	CMS College Kottayam	MSc Physics	

170021033495	AMEESHA S	CUSAT	MSc Meteorology																	
170021033497	ANI ARCHAJAJU	St. Stephens College Uzhavoor	MSc Physics																	
170021033499	ARDRA DHANANJAYAN	Pondicherry University	MSc Physics	 <table border="1" data-bbox="1073 1451 1365 1803"> <tr> <td>Name of the Student</td> <td>Ardra Dhananjayan</td> </tr> <tr> <td>Register Number of the Student</td> <td>20374008</td> </tr> <tr> <td>Library ID</td> <td></td> </tr> <tr> <td>Date of Birth (yyyy-mm-dd)</td> <td>1997-10-31</td> </tr> <tr> <td>Program of Study</td> <td>M.Sc.(PHYSICS)</td> </tr> <tr> <td>Name of the Department / Centre</td> <td>DEPARTMENT OF PHYSICS</td> </tr> <tr> <td>Year Joined</td> <td>2020</td> </tr> <tr> <td>Father / Last Name</td> <td>DHANANJAYAN N</td> </tr> </table>	Name of the Student	Ardra Dhananjayan	Register Number of the Student	20374008	Library ID		Date of Birth (yyyy-mm-dd)	1997-10-31	Program of Study	M.Sc.(PHYSICS)	Name of the Department / Centre	DEPARTMENT OF PHYSICS	Year Joined	2020	Father / Last Name	DHANANJAYAN N
Name of the Student	Ardra Dhananjayan																			
Register Number of the Student	20374008																			
Library ID																				
Date of Birth (yyyy-mm-dd)	1997-10-31																			
Program of Study	M.Sc.(PHYSICS)																			
Name of the Department / Centre	DEPARTMENT OF PHYSICS																			
Year Joined	2020																			
Father / Last Name	DHANANJAYAN N																			

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<p>170021033500</p>	<p>AVANI PREMPRAKASH</p>	<p>CMS College Kottayam</p>	<p>MSc Applied Physics</p>	 <p>1. Name of Student: Avani Premprakash                  2. Father's or Guardian's Name: Premprakash                  3. Permanent Address: Mumpally P.O. Kottayam 7866632                  4. Present Address:                  5. Age: 22                  6. Name of the Institution: C M S COLLEGE KOTTAYAM (AUTONOMOUS)                  7. Class in which studying: MSc Applied Physics                  8. Place of residence and distance to the Institution:                  9. Duration of the Course: 2 year                  10. Signature of the Student: [Signature]                  Certified that Shri/Smt. Kuman                  is a full time student of this Institution and he / she is not engaged in any other calling or profession. Signature of the Principal</p>
<p>170021033501</p>	<p>CHRISTY PHILIP</p>	<p>CMS College Kottayam</p>	<p>MSc Applied Physics</p>	 <p>1. Name of Student: Christy Philip                  2. Father's or Guardian's Name: Philip Joseph                  3. Permanent Address: Mumpally P.O. Kottayam                  4. Present Address:                  5. Age:                  6. Name of the Institution: C M S COLLEGE KOTTAYAM (AUTONOMOUS)                  7. Class in which studying: MSc Applied Physics                  8. Place of residence and distance to the Institution:                  9. Duration of the Course: 2 year                  10. Signature of the Student: [Signature]                  Certified that Shri/Smt. Kuman                  is a full time student of this Institution and he / she is not engaged in any other calling or profession. Signature of the Principal</p>



<p>170021033503</p>	<p>FEBINA FATHIMA V N</p>	<p>Devamatha Kuravilangadu</p>	<p>MSc Physics</p>	
<p>170021033504</p>	<p>G.DEVALAKSHMI</p>	<p>SB College Changanassery</p>	<p>MLibSc</p>	
<p>170021033505</p>	<p>HARSHA MOL R</p>	<p>Christian College Chengannur</p>	<p>MSc Physics</p>	

170021033506	HEPHZIBHA CHACKO	Government College Kottayam	MSc Physics	
170021033507	JINNU. C.U	Stella Matutina College Chennai of Education, Chennai	B.Ed	
170021033508	LAKSHMI NANDANA M.V	Assumption College Changanasery	MSc Physics	

<p>170021033509</p>	<p>MEENU JOSEPH</p>	<p>ICM Academy, Thalayolaparambu</p>	<p>DCA</p>	 <p>The image shows a 'STUDENTS DIARY' form from ICM Academy. The form is filled out with the following details: Name: Meenu Joseph, Course: DCA(F), Admission No: 22691, Date of Admission: 6/12/2021, Batch/Section: Regular, Days and time: M-S, 2-4 (Mon-Fri-10), Teacher in charge: Anuza. The form also includes contact information for ICM Campus and a note that admission is required after this date.</p>
<p>170021033510</p>	<p>MEGHA SURESH</p>	<p>St Thomas College Pala</p>	<p>MSc Physics</p>	 <p>The image shows a student ID card from St. Thomas College, Palai. The card features a photo of Megha Suresh and the following information: Name: MEGHA SURESH, M.Sc. Physics, 2020-2022, D.o.B: 05-06-1999, Blood Group: B+, Father's Mobile No.: 9747746080, Father's Name: SURESH KUMAR S, Address: SURESH BHAVAN, VAZHOOR, KOTTAYAM, 686504, and email: megha56sureshbhavan@gmail.com. The card also includes a barcode and the college's accreditation details.</p>

<p>170021033511</p>	<p>NAYANA N</p>	<p>St Aloysius College Edathua</p>	<p>MSc Physics</p>	
<p>170021033512</p>	<p>PARVATHY SALIMKUMAR</p>	<p>CMS College Kottayam</p>	<p>MSc Applied Physics</p>	
<p>170021033513</p>	<p>RAIZA REBECCA JACOB</p>	<p>Christ Bangalore</p>	<p>MSc Data Analytics</p>	

170021033514	RAMZIA K	Pondicherry University	MSc Physics	 <p>PONDICHERRY UNIVERSITY HOSTEL IDENTITY CARD</p> <p>Hostel ID Card No: 21PGG0227 Regn No: 20374046 Name: Ramzia K Course/Dept: MSc Physics Hostel Room: Narmadha 11 Mess: Mother Teresa</p> <p>Signature of Resident: [Signature] DR (Hostels): [Signature]</p>
170021033516	SHAMILI .S	Newman College Thodupuzha	MSc Physics	 <p>NEWMAN COLLEGE THODUPUZZHA</p> <p>RE-ACCREDITED BY NAAC WITH 'A' GRADE AT CGPA 3.32 RANKED 78 IN THE NATIONAL LEVEL (NIRF 2019) www.newmancollege.ac.in</p> <p>Ranikovil/Thodupuzha</p> <p>Valid up to: 31 May, 2023</p> <p>Principal: [Signature]</p> <p>Shamili S. MSc Physics (Cl.No.201116) Admission No: 40423</p>
170021033517	SHILPA SUSAN THOMAS	MG Univerisity Kottayam	MSc Physics	 <p>MAHATMA GANDHI UNIVERSITY PRIYADARSINI HILLS P.O., KOTTAYAM-686560</p> <p>SCHOOL OF PURE AND APPLIED PHYSICS</p> <p>SHILPA SUSAN THOMAS M Sc PHYSICS ID No: 620/2020</p> <p>Student Signature: [Signature] HOD: [Signature]</p> <p>0481-2731043 spap@mgu.ac.in spap.mg.ac.in</p>



170021033519	SMRUTHI S KUMAR	Baselius College Kottayam	MSc Physics	
170021033520	SNEHA PHILIP	CUSAT	MSc Meteorology	
170021033521	SURYA G NAIR	KG College Pampady	MSc Physics	

<p>170021033522</p>	<p>TYBY MONACHAN</p>	<p>Madras Christian College Chennai</p>	<p>MSc Physics</p>	
<p>170021033523</p>	<p>VINEETHA DEVADAS</p>	<p>St Thomas College Ranny</p>	<p>MSc Physics</p>	

Meenu Joseph cleared IELTS Exam.


**IELTS™**  
**Test Report Form** ACADEMIC

**NOTE:** Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules.  
GENERAL TRAINING Reading and Writing Modules are not designed to test the full range of language skills required for academic purposes.  
It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed after two years from the date of the test.

Centre Number: IN620      Date: 19/DEC/2020      Candidate Number: 099095

**Candidate Details**

Family Name: JOSEPH  
First Name: MEENU  
Candidate ID: U7321500





Date of Birth: 01/01/2000      Sex (M/F): F      Scheme Code: Private Candidate

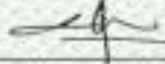
Country or Region of Origin:   
Country of Nationality: INDIA  
First Language: MALAYALAM

**Test Results**

Listening	6.5	Reading	6.0	Writing	5.5	Speaking	6.0	Overall Band Score	6.0	CEFR Level	B2
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**Administrator Comments**

Centre stamp:  Validation stamp: 

Administrator's Signature: 

Date: 04/01/2021      Test Report Form Number: 20IN099095JD5M620A

**BRITISH COUNCIL**      **idp**      **Cambridge Assessment English**

The validity of this IELTS Test Report Form can be verified online by recognising organisations at <http://ielts.ucles.org.uk>




## Donamol Abraham for placed in Indian Postal Department

**Government of India  
Department of Posts, India**

Office of the Superintendent of Postoffices, Idukki Division

**OFFER OF ENGAGEMENT (PROVISIONAL)**  
B2/Mulakaramedu/134



In response to the notification No. **RECTT/50-1/DLGS/2020**

Shri/Smt./Ms **DONAMOL ABRAHAM** Son / daughter of  
Shri **ABRAHAM** Whose date of Birth is **21/07/1999** and belongs to  
**UR-EWS** category /selected against **EWS** Category is informed that, you have  
been selected for provisional engagement as **GDS BPM,Mulakaramedu B.O** in  
account with/ under **Kattappana South S.O/Kattappana H.O** with TRCA slab **12000**

2. Shri/Smt./Ms **DONAMOL ABRAHAM** Son/daughter of Shri  
**ABRAHAM** should clearly understand that his/her selection for  
provisional engagement as **GDS BPM,Mulakaramedu B.O** in account  
with **Kattappana South S.O/Kattappana H.O** shall be in the nature of a contract liable to  
be terminated by him/her or by the undersigned by notifying the order in writing and that  
his/her conduct and engagement shall be governed by the Department of Posts, Gramin Dak  
Sevak (Conduct and Engagement) Rules, 2020 as amended from time to time.

3. Shri/Smt./Ms **DONAMOL ABRAHAM** is hereby informed that, you have to  
produce all the documents in originals i.e. educational certificates and other documents such  
as caste certificate, ex-Engagement certificate, persons with disability certificate, certificate of  
date of birth etc. on the day of attending the office of undersigned for verification  
through competent authority within 10 days of receipt of this letter failing which it is  
presumed that, you are not interested to join the post of **GDS BPM,Mulakaramedu B.O**  
and your name will be deleted from the selection list. Further, you will have no claim for  
engagement as **GDS BPM,Mulakaramedu B.O**

*3(a) The engagement in the post will be subject to outcome of verification  
of certificates furnished while applying to the post.*

4. At the time of joining, you will have to give undertaking on bond paper of Rs.100/- that, you  
have adequate independent means of livelihood for yourself and your family and other than the  
TRCA(allowances) being paid to you by Govt.

## Smruthi S Kumar Got Placed



Dear Smruthi S Kumar,

Thank you for participating in the Infosys Campus Recruitment Program for 2020-21.

**Congratulations! You have cleared the interview round to receive a final job offer for Operations Executive role.** The compensation for this role is INR 2.2 lakhs per annum with one year of probation period from the date of allocation to the business unit.

Please note, this is a conditional job offer subject to your background verification. If falsification of data is detected during the background verification process, Infosys will revoke the job offer made to you.

In case of any queries, please contact your placement office or write to us at [Talent.Acquisition@infosys.com](mailto:Talent.Acquisition@infosys.com).

You will soon hear from us about the next steps of the process.

We look forward to welcoming you into our Infosys family

Best regards,

Talent Acquisition  
Infosys

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← Reply

↶ Reply all

→ Forward



GOOGLE FORMS

International Webinar on light and health

Email	Full Name	Other Identifier	Other Identifier 2	Certificate ID
sobhithachandran@gmail.com	Sobhitha Chandran	3rd Year	Physics	PFQQCS - CE000001
aloorsurya@gmail.com	Surya Muraleedharan	Good		PFQQCS - CE000002
aloorsurya@gmail.com	Surya Murakeedharan	BCM COLLEGE	Goog	PFQQCS - CE000003
aloorsurya@gmail.com	Surya Muraleedharan	BSc. Physics	Bishop Chulaparmbil Memorial College	PFQQCS - CE000004
sobhithachandran@gmail.com	Sobhitha Chandran	BSc. Physics	BCM College Kottayam	PFQQCS - CE000005
phys52063@bcmcollege.ac.in	Betty James	B. Sc. Physics	BCM COLLEGE KOTTAYAM	PFQQCS - CE000006
athirakrishna6371@gmail.com	Athira Krishna	BSc. Physics	BCM College	PFQQCS - CE000007
<a href="mailto:jithukmathew484@gmail.com">jithukmathew484@gmail.com</a>	JITHU K MATHEW	BSC PHYSICS	BISHIP CHULAPARAMBIL MEMORIAL COLLEGE, KOTTAYAM	PFQQCS - CE000008
<a href="mailto:phys52264@bcmcollege.ac.in">phys52264@bcmcollege.ac.in</a>	Aparna Santhosh	Bsc Physics	B.C.M College kottayam	PFQQCS - CE000009
<a href="mailto:carmelrosebenny@gmail.com">carmelrosebenny@gmail.com</a>	CARMEL ROSE BENNY	BSC Physics	BCM COLLEGE KOTTAYAM	PFQQCS - CE000010
<a href="mailto:rosebobk5@gmail.com">rosebobk5@gmail.com</a>	Rosemol Bobby	B Sc Physics	BCM College	PFQQCS - CE000011

Physics Association Report 2020-21

<a href="mailto:jammeenakshirajesh@gmail.com">jammeenakshirajesh@gmail.com</a>	MEENAKSHI RAJESH	BSc Physics	BCM COLLEGE KOTTAYAM	PFQQCS - CE00001 3
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