

Annual Report
Physics Association (Beats)
Year: 2020-21



A Quality Assurance Venture of IQAC

Baselius College, Kottayam

Certificate Page

This is to certify that the following is a bonafide record of activities and achievements of **Physics Association** for the academic year 2020-21. Necessary supporting documents have been attached wherever possible.



Misha Hari

Teacher-in-charge

Verified



IQAC Co-ordinator.

Counter-Signed by



PRINCIPAL

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Part – A

1.1 Name of the Association : Physics Association (Beats)

e-mail address : beats.physics@gmail.com

Social media details

Name of the teacher in charge : Dr Misha Hari

Name of the Club Secretary : Jaison Thomas

Contact Nos.

Teacher-in-charge : 9074412585

Secretary : 7356035800

1.2 Executive Committee Details

Sl No	Name of the member	Designation/ Class/ Position
1	Chinnu Xavier	M2 Physics
2	Kukku Thomas	M2 Physics
3	Nikhil Sam Abraham	D3 Physics
4	Kuruvilla Sabu	D3 Physics
5	Krishnendu	D3 Physics
6	Elza Susan Kochummen	D3 Physics
7	Joel B George	D2 Physics
8	Rohit P Nair	D2 Physics
9	Megha Moni	D2 Physics

No. of committee meetings held :

Sl No	Date of the Meeting	No of participants
1	20-08-2020	10
2	01-09-2020	10
3	28-09-2020	11
4	20-11-2020	10
5	15-12-2020	10

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

1.3 Plan of Action

Plan of Action	Proposed Date/ Month	Status of attainment at the year end
Inauguration of Physics association Beats-2020 & Silver Jubilee webinar series session I	August 2020	Conducted on 25-08-2020
Onam celebration	September 2020	Conducted on 08-09-2020
Prof. Susan John K Memorial 13th intercollegiate Physics Quiz Competition	October 2020	conducted on 01-10-2020
Silver Jubilee webinar series session II	November 2020	Conducted on 13-11-2020
Silver Jubilee webinar series session III	November 2020	Conducted on 27-11-2020
Christmas Celebration	December 2020	Conducted on 22-12-2020

Part – B

Part B – 2.1 Talks/Lectures/ Workshops Conducted : 3
2.2a Competitions Organised within the College: 1
2.2b- Inter-Collegiate Competitions Organised : 1
2.3- Cultural Programmes Organised : 2
2.4 – Extension and Outreach Programme Organised : Nil
2.5- Skill Development Courses Organised: Nil
2.6- Certificate Programme/ Diploma Organised : Nil
2.7 Student Participation and Achievements outside
2.8- Any Other activity/point worth mentioning

2.1 Talks/Lectures/ Workshops Organised/ Conducted

Summary :

Sl No	Title of the Programme	Name of the Resource Person	No. of participants	Links available if any
1	Inauguration of Physics association Beats-2020 & Silver Jubilee webinar series session I(Topic of the webinar: <i>Fostering Scientific Temper</i>)	Dr. S Sankararaman Professor & Head of the Department of Optoelectronics University of Kerala.	67	
2	Silver Jubilee webinar series session II (Topic of the webinar: <i>Advanced</i>)	Dr. Nitin Mohan Asst. Prof. in Biological Sciences & Bio engineering, IIT Kanpur	94	

	<i>Fluorescence Microscopy to Study Protein Trafficking in Health and Disease)</i>			
3	Silver Jubilee webinar series session III (Topic of the webinar: <i>Graphene @ Manchester.... Beyond The Sticky Tape</i>)	Dr. Rahul R Nair Prof. in Materials Physics at National Graphene Institute and School of Chemical Engineering and Analytical Science, University of Manchester	101	

Summary of Reports of each Activity

1. Inauguration of Physics association Beats-2020 & Silver Jubilee webinar series session I(Topic of the webinar: *Fostering Scientific Temper*)

The first session of the webinar series of the Silver Jubilee celebration was headed by Dr. S Sankararaman, Professor & Head of the Department of Optoelectronics University of Kerala. Dr. Sindu Jones, Head of the Post Graduate and Research Department of Physics, Baselius College, Kottayam, welcomed the guests and the audience to the online platform. Dr. S Sankararaman held an interactive session for a live webinar on Fostering Scientific Temper on August 25th, 2020 from 10:15 am (IST). The ninety-minutes-long session was true to its purpose, marking a milestone of the Silver Jubilee year. It was also a witness to the inaugural of BEATS 2020, also done by Dr. S Sankararaman. Mr. Nikhil Sam Abraham, 3rd year B. Sc. Physics, thanked the audience as well as the spokesperson.

The session mainly focused on inculcating a scientific temperament in the young minds. It was fun and inspiring at the same time, making it memorable for all those who attended. The timely usage of the apt videos left its mark on the young audiences. The session was also attended by the staffs of the department. The interactions of the staffs made it lively. Online certificates were also presented to all those who participated in the meeting.

POSTGRADUATE & RESEARCH DEPARTMENT OF PHYSICS
BASELIUS COLLEGE, KOTTAYAM

BEATS
SILVER JUBILEE
INAUGURAL WEBINAR
ON
**FOSTERING
SCIENTIFIC
TEMPER**

**25TH AUGUST
2020
10:30 AM**


ON GOOGLE MEET

RESOURCE PERSON
Dr. S Sankararaman
[Professor & Head of the
Department of Optoelectronics
University of Kerala]



COORDINATORS
Dr. *BJU THOMAS* (PRINCIPAL)
Dr. *SINDU JONES* (HOD. PHYSICS DEPT.)
Dr. *MISHA HARI* (ASSOCIATION IN-CHARGE)
Mr. *JAISON THOMAS* (ASSOCIATION SECRETARY)

CLICK HERE!
[Join Now](#) 

E-Certificates will be issued

Contact:
Dr. SINDU JONES : 9446819214
Dr. MISHA HARI : 90744 12585

1. Brochure
2. A Brief write-up
3. Participant List
4. Photos/Screenshots etc.



5.

12:58 PM

43

< 25 August, 2020
12:15



List of Participants

Sl. No.	Name
1	Abhijith P S
2	Abhijith S
3	Ajay Prasannakumar
4	Ajay Sankar M S
5	Akshay Kurian
6	Aleena Prem
7	Anandu Vijayam
8	Ananthu Suresh
9	Angel Ann Ninan
10	Anjitha Suresh
11	Elza Susan Kochummen
12	Feby Sam Baby
13	Harindradas T.M.
14	Jaison Thomas
15	Krishnendu .R
16	Kuruvilla Sabu
17	Mathew Abraham
18	Meenu Benzi Philip
19	Midhuna C P
20	Nayana Vinayan
21	Nikhil Sam Abraham
22	Pratheesh James
23	Rajalakshmi.S
24	Sreenath Sreekumar
25	Swathy G Krishna
26	Vishnupriya K R
27	Anakha Ajkumar
28	Bijin K Biju
29	Lakshmi P Ramesh
30	Marshal Ajith
31	Megha Moni
32	Muhammed Ajmal K.A
33	Nithin K S
34	Sumina M S
35	Amrutha R Nair
36	Dasarath Thoppil
37	Devika V C
38	G. K. Romariyo

39	Nandhu S Babu
40	Rohit Pratap Nair
41	Silpa Babu
42	Akhila Grace Rajan
43	Binil K Korah
44	Emi Susan Thomas
45	Gokul Saju
46	Irene Anna Verghis
47	Irene Elsa Cherian
48	Joel B George
49	Manikandan K
50	Midhunkumar N K.
51	Neeha Anna Thomas
52	Rakhi Raj K
53	Umadevi Madhukumar
54	Vaisakh R
55	Smruthy S Kumar
56	Anakha mol V V
57	Aneesha Abraham
58	Asheena Anilkumar
59	Athira Saji
60	Ayana Das
61	Chinnumol Xavier
62	Harikrishnan V S
63	Kukku Thomas
64	Minu Mary Baby
65	Nitha Mohan
66	Reshma Raju
67	Sreelakshmi S

2. Silver Jubilee webinar series session II (Topic of the webinar: *Advanced Fluorescence Microscopy to Study Protein Trafficking in Health and Disease*)



POST GRADUATE & RESEARCH DEPARTMENT OF PHYSICS
& IQAC, BASELIUS COLLEGE, KOTTAYAM.

SILVER JUBILEE WEBINAR SERIES
SESSION II

ADVANCED FLUORESCENCE MICROSCOPY TO STUDY PROTEIN TRAFFICKING IN HEALTH AND DISEASE



SPEAKER OF THE DAY

Dr. Nitin Mohan
Assistant Professor
Biological sciences &
Bioengineering , IIT Kanpur



SCAN & JOIN THE
MEETING →

Organising Committee

Dr. Biju Thomas (principal),
Dr. Manoj Narayanan K S (coordinator, IQAC),
Dr. Sindu Jones (HOD, Physics Dept.),
Dr. Misha Hari (Association Incharge),
Mr. Jaison Thomas (Association Secretary)

TIME | 13TH
3:00P M | NOVEMBER, 2020

This session was the second in the Silver Jubilee Webinar Series, conducted on November 13, 2020 at 3 pm (IST). Dr. Sindu Jones, Head of the Post Graduate and Research Department of Physics, Baselius College, Kottayam, welcomed all to the google meet platform. Dr. Nitin Mohan, Asst. Prof. in Biological Sciences & Bio engineering, IIT Kanpur, headed the webinar. The session had a participation of over hundred. Dr. Misha Hari, teacher-in-charge, BEATS 2020, Post Graduate and Research Department of Physics, Baselius College, Kottayam, said the thanking note.

The session focussed on the technicalities behind the protein trafficking in the field of health and the recent advancements in the field of fluorescence microscopy.

List of Participants

Sl. No.	Name
1	Abhijith P S
2	Abhijith S
3	Ajay Prasannakumar
4	Ajay Sankar M S
5	Akshay Kurian
6	Aleena Prem
7	Anandu Vijayam
8	Ananthu Suresh
9	Angel Ann Ninan
10	Anjitha Suresh
11	Elza Susan Kochummen
12	Feby Sam Baby
13	Harindradas T.M.
14	Jaison Thomas
15	Krishnendu .R
16	Kuruvilla Sabu
17	Mathew Abraham
18	Meenu Benzi Philip
19	Midhuna C P
20	Nayana Vinayan
21	Nikhil Sam Abraham
22	Pratheesh James
23	Rajalakshmi.S
24	Sreenath Sreekumar
25	Swathy G Krishna
26	Vishnupriya K R
27	Anakha Ajkumar
28	Bijin K Biju
29	Lakshmi P Ramesh
30	Marshal Ajith
31	Megha Moni
32	Muhammed Ajmal K.A
33	Nithin K S
34	Sumina M S

35	Amrutha R Nair
36	Dasarath Thoppil
37	Devika V C
38	G. K. Romariyo
39	Nandhu S Babu
40	Rohit Pratap Nair
41	Silpa Babu
42	Akhila Grace Rajan
43	Binil K Korah
44	Emi Susan Thomas
45	Gokul Saju
46	Irene Anna Verghis
47	Irene Elsa Cherian
48	Joel B George
49	Manikandan K
50	Midhunkumar N K.
51	Neeha Anna Thomas
52	Rakhi Raj K
53	Umadevi Madhukumar
54	Vaisakh R
55	Abhijith V J
56	Anamika S Gopal
57	Athulkumar A
58	Bhagath S Nair
59	Elaya Raja K
60	Heera H
61	Nandagopal G
62	Revathy S
63	S Akhil Raj
64	Sherin Shaji
65	Akash Krishnan
66	Arshadhara M U
67	Asnamol Shine
68	Haripriya P Nair
69	Karthika B. Nair
70	Krishnendu B Nair
71	Philjo Philip
72	Princy Mariam Jacob
73	Serin T Thomas
74	Abhijith P
75	Abhishek A R

76	Alan R Habel
77	Saraswathi Devi K K
78	Alex Paul
79	Anna Binoy
80	Hilda Suzanne Punnen
81	Sumod V Zachariah
82	Vaisakh Viswambharan
83	Adarsh T Saji
84	Ariakutty C S
85	Aswathy R
86	Atheena Jain
87	Ayana Babu
88	Bitty Paul
89	Jyothisree V P
90	Merin Ann Varughese
91	Nikhil Raju
92	Niya K Nelson
93	Silpa Sivan
94	Smruthy S Kumar

3. Silver Jubilee webinar series session III (Topic of the webinar: *Graphene @ Manchester... Beyond The Sticky Tape*)

The third session in the Silver Jubilee Webinar Series, was conducted on Nov 27, 2020, at 4 pm (IST). Dr. Sindu Jones, Head of the Post Graduate and Research Department of Physics, Baselius College, Kottayam delivered the welcome note for the session. Dr. Rahul R Nair, Prof. in Materials Physics at National Graphene Institute and School of Chemical Engineering and Analytical Science, University of Manchester, took the audience to the world of graphene. Dr. Linju Ann Jacob, Head Department of Physics, Baselius College, Kottayam, proposed the vote of thanks.

The excellent guidance of Dr. Rahul made the students realise that graphene could be used beyond what was present in the market at the present times. The session was very informative, going through all spectrums, from the market level to the microscopic levels.



POST GRADUATE DEPARTMENT OF PHYSICS & RESEARCH
CENTRE & IQAC, BASELIUS COLLEGE, KOTTAYAM

SILVER JUBILEE WEBINAR SERIES

SESSION III

Graphene @ Manchester beyond the sticky tape



SPEAKER OF THE DAY

PROF RAHUL RAVEENDRAN NAIR
PROFESSOR OF MATERIALS PHYSICS
DEPARTMENT OF CHEMICAL
ENGINEERING & ANALYTICAL
SCIENCE,
MANCHESTER, UK

Organising Committee

Dr. Biju Thomas (principal),

Dr. Manoj Narayanan K S (coordinator, IQAC),

Dr. Sindu Jones (HOD, Physics Dept.),

Dr. Misha Hari (Association Incharge),

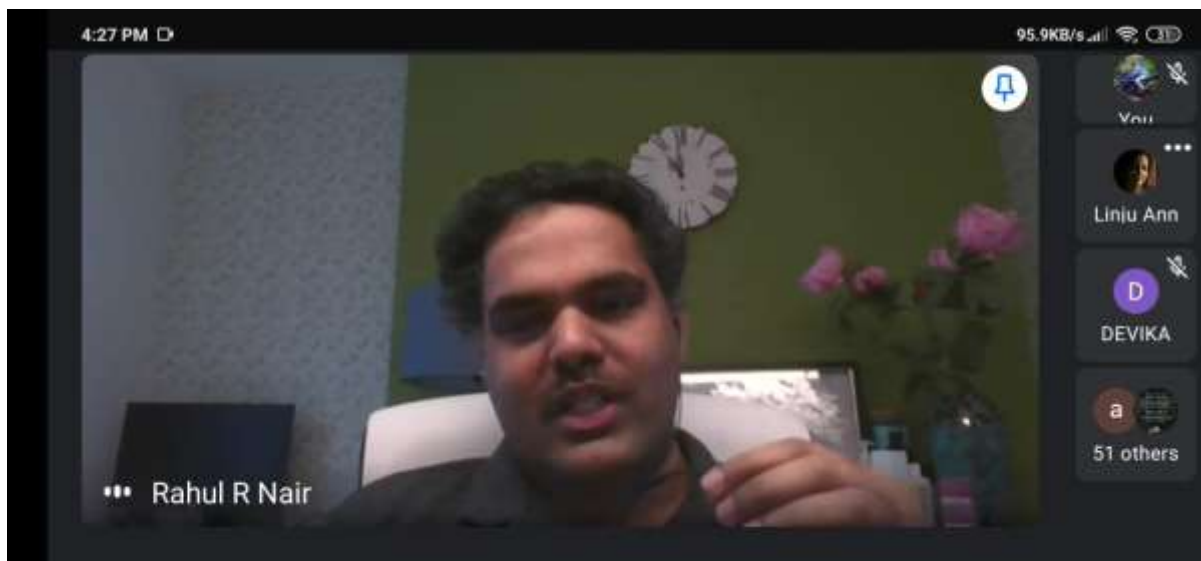
Mr. Jaison Thomas (Association Secretary)

To join the meeting

[CLICK HERE](#)

TIME
4:00P M

27TH
NOVEMBER, 2020



List of Participants

Slno	Name
1	Abhijith P S
2	Abhijith S
3	Ajay Prasannakumar
4	Ajay Sankar M S
5	Akshay Kurian
6	Aleena Prem
7	Anandu Vijayam
8	Ananthu Suresh
9	Angel Ann Ninan
10	Anjitha Suresh
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59	Elaya Raja K
60	Heera H
61	Nandagopal G
62	Revathy S
63	S Akhil Raj

64	Sherin Shaji
65	Akash Krishnan
66	Arshadhara M U
67	Asnamol Shine
68	Haripriya P Nair
69	Karthika B. Nair
70	Krishnendu B Nair
71	Philjo Philip
72	Princy Mariam Jacob
73	Serin T Thomas
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93	Silpa Sivan
94	Smruthy S Kumar
95	Anakha mol V V
96	Aneesha Abraham
97	Asheena Anilkumar
98	Athira Saji
99	Ayana Das
100	Chinnumol Xavier
101	Harikrishnan V S

2.2a Competition Organised within the college

Summary : Nil

2.2b Inter-Collegiate Competition Organised

Summary :

Sl No	Title of the Programme	Nature of the programme	No. of participants
1	Professor Susan John K Memorial 13 th Intercollegiate Physics Quiz Competition	Inter-collegiate competition	196

Summary of Reports of each Activity

1. Brochure



**Baselius
College**



**Prof. Susan John K
Memorial 13th
Intercollegiate
Physics Quiz
Competition**

Date: 1st Oct 2020

Time: 10:00 am

Who can Participate?

U G or PG students who have taken
Physics as their main subject

Prof. Susan John K

Prof. Susan John K. was a perfect teacher because of her dedication and inspiration for her students as well as her colleagues. She shared from the heart not just lessons from books, but her life. With her very touch she sparked the creativity in students. She was valued for the work she did so well in her short life span of 48 years till 15th Aug 2008..



Registration Link

<https://forms.gle/X6EyisAu1GMTpi6B>



Who gets Certificates

Students who answers 75% questions

Organizing Committee

Dr. Biju Thomas (Principal)

Dr. Sindu Jones (H.O.D)

Dr. Misha Hari (teacher-in-charge)

Jaison Thomas (Student-in-charge)



Google Forms
Made with **Online Platform**

Department of Physics

Contact Nos:

9074412585(Dr. Misha Hari)

7356035800(Jaison Thomas)

2. A Brief write-up

Post graduate and Research Department of Physics, Baselius College, Kottayam conducted the 13th Intercollegiate Physics Quiz competition in the memory of Prof. Susan John K, on

1 October, 2020, 10 am (IST). Prof. Susan John K was an excellent faculty that guided the department to its heights until her last breath. She was also well known among the students and the teachers. Under-graduate and post-graduate students majoring in Physics participated in this competition.

Dr. Aparna Thankappan, Assistant Professor, Department of Physics served as the quiz mistress. 112 students from various colleges and universities participated in the competition. Aravind Kumar from St Thomas College Pala bagged the First prize. E- Certificates were given to all those who scored more than 70%.

Participant Details

Sl. No.	Name	College
1	Vijayalakshmi V	Newman College
2	SRUTHY K S	Newman College Thodupuzha
3	Sruthi S. Nair	Newman College Thodupuzha
4	Ajina V A	Newman College Thodupuzha
5	Ajina V A	Newman College Thodupuzha
6	SreelakshmiVH	BCM College Kottayam
7	Manju K Mathew	St.Terasas College Ernakulam
8	Jithu K Mathew	Bishop Chulaparambil Memorial College, Kottayam
9	Anju Antony	Newman College Thodupuzha
10	M S Arunima	B C M College Kottayam
11	Devika Biju	St. Aloysius College, Edathua
12	Neeraja K Shaaji	BCM College Kottayam
13	Vinaya p	St Aloysius College Edathua,Alappuzha
14	Akshaya Jeenraj	BCM College, Kottayam
15	Suchitra R Bhat	St Teresa's College Ernakulam
16	Jeena Anna Varghese	St. Aloysius College Edathua

17	Merlin Dainu	St.Teresa's College, Ernakulam
18	Tony Thomas	BCM College, Kottayam
19	Kavya K S	BCM College
20	Aparna Ayyappankutty	St.Peter's College Kolenchery
21	Amal Shaji	St.Peter's College, Kolenchery
22	V s vinayachandran Nair	KE College Mannanam
23	Malavika J Sankar	St.Peter's College, Kolenchery
24	Diniya Eldho	St Peters College Kolenchery
25	Kannan	TM Jacob Memorial Govt College Manimalakkunnu
26	Devika Sreekumar	Assumption College autonomous, Changanacherry, Kottayam
27	Mariya Sebastian	Pavanatma College, Murickkasery
28	Joji M Kurian	St Aloysius College,Edathua
29	Ajith Muraleedharan	St Stephen's College Uzhavoor
30	Jooly Benny	Pavanatma College Murickassery
31	Neeraja Madhu	Sacred Heart College Thevara
32	Hariprasad M S	St Thomas College Kozhencherry
33	Jaiden Raju	Mar Athanasius College Kothamangalam
34	Abhijit R	St Stephen's College Uzhavoor
35	Athira Krishna	BCM College
36	Krishnendu S Nair	K.E College
37	Disny P Dominic	Pavanatma College Murickassery
38	Soofiya Sudheer	Marthoma College for Women Perumbavoor
39	Lakshmi Prasad	St.Thomas College, Kozhencherry

40	Neeraja Ramesh	BCM College, Kottayam
41	Lakshmikrishna Sanjay	St Joseph's College Moolamattom
42	Aiswarya Rajeev	Nirmala College
43	Merlin Benny	Assumption College, Changanacherry
44	LAKSHMI BABU	Pavanatma College Murickassery
45	Abhirami R Chandran	St Dominic's College Kanjirapally
46	Alfiya CA	Nirmala College
47	Ashna K A	St. Peter's College Kolenchery
48	Anumol K S	Mar Athanasious College of arts and science Kothamangalam
49	Sona Joney	St Aloysius College, Edathua
50	Ashly M R	St Peter's College Kolencherry
51	Pooja Anup	NSS Hindu College Changanassery
52	Annamol Sabu	Mar Athanasius College (autonomous), Kothamangalam
53	Gopika Vrindha B	NSS Hindu College, Changanacherry
54	Akshay Krishna P	St. George's College Aruvithura
55	Ahasana A Razak	Mar Thoma College For Women Perumbavoor
56	Sethulakshmi Biju	N S S Hindu College Changanacherry
57	Padma Suresh	St Thomas College, Kozhencherry
58	Vishnupriya K. G	Alphonsa College, Pala
59	Abhijith Ramesan	T M Jacob Memorial Government College Manimalakkunnu
60	Sreya K Raj	Union Christian College Aluva
61	Novia sunny	Alphonsa College Pala

62	Gayathri K Reghu	Union Christian College
63	Janet Elizabeth James	Alphonsa College, Pala
64	Aneera Anil	KSMDBC, Sasthamkotta.
65	Fathima Sulthana	BCM College Kottayam
66	Susan T Chacko	BCM College Kottayam
67	Sebin George	St Stephans College Uzhavoor
68	Anjana Dineshan	NSS Hindu College Changanachery
69	Cerin Sabu	St Peter's College Kolenchery
70	Anjitha Prasad	Baselius College Kottayam
71	Neethu Sebastian	Alphonsa College Pala
72	Niveditha Ramesh	St Teresas College
73	Adarsh P R	Sree Narayana Arts and Science College Kumarakom
74	Jeril G Edamana	Newman College
75	Vinaya P	St Aloysius College Edathua, Alappuzha
76	Vinaya P	St Aloysius College Edathua, Alappuzha
77	Gouri P	Central University of Kerala
78	Rishi Chaurasia	Central University of Kerala
79	Nimmy Sarah Alex	Central University of Kerala
80	Mariyamol Thomas	St. Aloysius College Edathua
81	Lesly Anna Abraham	St Aloysius College Edathua Alappuzha
82	Priyanka Prasad	Assumption College Chaganacherry
83	Abinaya A Kamath	Central university of Kerala
84	Ganga S	Assumption College Changanassery
85	Don Mathew	CMS College Kottayam
86	Ankitha.P.K	Assumption College Changanacherry
87	Chinnumol Sebastian	Assumption College Autonomous, Changanacherry
88	Aryalaksmy A	CMS College Kottayam
89	Miria Johnson	CMS College Kottayam
90	Devika Mohan	Assumption College autonomous Changanassery

91	Mariya Susan Lal	BCM College Kottayam
92	Amal Saju	St Peters College Kolenchery
93	Ardra Ajith	CMS College Kottayam
94	JOOLY BENNY	Pavanatma College Murickassery
95	Glen Elizabeth George	Assumption College
96	Akshara Anil	Assumption College Changanasherry
97	Binita Mary Varghese	Assumption College Changanacherry
98	Malavika Smitha	CMS College Kottayam
99	Aravind B	St Thomas College Palai
100	Sivapriya S	CMS College Kottayam
101	Nikhil Joseph	St Thomas College, Palai, Kottayam
102	Akhila Benny	St. Thomas College Palai
103	George Emmanuel	St. Thomas college Pala
104	Seethalakshmi M	C M S College
105	Deepu Joseph	ST.THOMAS COLLEGE PALA
106	Mariam Sheebi	Assumption college Changanacherry
107	Dawn Jo Justine	St.Thomas College, Pala
108	Nishanth Dominic	St Thomas College Pala
109	Anand Manusankar	S.T Thomas College,Palai
110	Jeffy Joy	Assumption College Autonomous,Changanacherry.
111	Martin Tomy	St. Thomas
112	Alan Antony KJ	St. Paul's College, Kalamassery
113	Miria Johnson	CMS College Kottayam
114	Sreelakshmi Das	Assumption College Changanacherry
115	YADHU KRISHNAN	St Thomas College,Palai
116	Ardra A M	ST.PAUL'S COLLEGE,KALAMASSERY
117	Ann Mariya Thomas	St.Thomas College, Ranni
118	Aravind S	St.Thomas College Ranny
119	SONA SIMON	Pavanatma College
120	Christeena thomas	St Thomas college ranni
121	Sarath Mohan	St. Thomas College, Ranni

122	Nandana Muraleedharan	St Thomas College, Ranni
123	Vipin Kumar	CCS UNIVERSITY MEERUT
124	Saranya Vijayan	Mar Athanasius College Kothamangalam
125	SARANYA P KUMAR	St Thomas College Ranni
126	Bijily Jacob	Kuriakose Elias College, Mannanam
127	Vidhi joshi	Govt. PG College, Mandasaur
128	Jobin J John	St. Thomas College, Ranni
129	KRISHNA PRABHA S	St Thomas College, Ranni
130	Sumitha susheelan	St Joseph's College Moolamattom
131	G.Subhiksha	Sri GVG Visalakshi College for women,udumalpet .
132	Anagha K Reji	Bishop Chulaparambil Memorial College, Kottayam
133	Kevin Chacko Mundackal	St. Thomas College, Palai
134	Sneka.d	Sri.gvg.Vishalaksmi Collage of arts and science of women
135	Pavithra.V	Sri gvg vishalakshi college for women at udumalpat
136	Pavithra.v	Sri gvg vishalakshi college for women at udumalpet
137	Tamilmozhi.V	Sri GVG Visalakshi college for women
138	ANU ROSE JACOB	Sri. GVG Visalakshi college for women
139	Noorun nisa	Sri Gvg Visalakshi College
140	Flemin Felix	St. Thomas College Palai
141	K. Ambika Parameswari	Sri G.V.G Visalakshi College for Women
142	V.Shruthi	GVG Visalakshi College for women,Udumalai
143	Shijina Shanavas	CMS COLLEGE KOTTAYAM
144	Albin P James	NIT Calicut
145	Deepu joseph	Sb college changanacherry

146	ANOOP A S	UNIVERSITY COLLEGE, THIRUVANANTHAPURAM
147	Vishnu M V	MAMO college
148	Athulya K R	M G College, Thiruvananthapuram
149	M. Iswarya pappa	Sri gvg Vishalakshi College for women
150	Dani Rose J Marattukalam	CUSAT
151	Martin K Cyriac	CUSAT
152	Ajay Jacob K D	Nirmala College Muvattupuzha
153	S.Mohanapriya	Sri gvg Visalakshi College for women, Udumalpet
154	Pia Sara James	Sacred Heart College, Thevara
155	Subhalakshmi M	Sanatana Dharma College,Alappuzha
156	Divya Suresh	St. Dominc's College Kanjirappally
157	Midhun Murali	SD College, Alappuzha
158	Aswin Raj C.A	SD College Alappuzha
159	Anisha Shibu	KG College
160	SURYA.V	Sri GVG Visalakshi College for Women, Udumalpet
161	SURYA.V	Sri GVG Visalakshi College for Women, Udumalpet
162	Archa K Biju	KURIAKOSE GREGORIOS COLLEGE
163	P S Adarsh	Kuriakose Gregorios College,Pampady
164	Anjukrishnan	Kuriakose Gregorios College
165	Carmel Rose Benny	BCM College Kottayam
166	Sreehari K	IISc
167	Kartika Sharma	Jai narain Vyas university
168	Anita Khatri	Jnvu jodhpur
169	Devendu M Dipukumar	BCM College Kottayam
170	Ashly ps	SA college, Edathua
171	Dharmaram khuriwal	JNVU Department of Physics Jodhpur
172	Muhammed Sajjad	SD College Alppuzha

	K.S	
173	M. Thomas Yakob	KG College Pampady
174	Praveen Gehlot	JNVU, Jodhpur
175	Nemi chand	JNVU JODHPUR
176	Aravindkrishna G	St. Thomas College, Ranni
177	LALIT DEORA	JAI NARAIN VYAS UNIVERSITY , NEW CAMPUS , JODHPUR
178	Rona Roy	BCM college Kottayam
179	TRUSHABEN DHIRUBHAI AHIR	TRUSHABEN DHIRUBHAI AHIR
180	FATHIMA NAZRIN	KKTM Government College Pullut
181	SAFDAR SIDHIK	MA College
182	Brilla Johnson	B C M College Kottayam
183	JOHNS AJI	UC College Aluva
184	Ansumol A	KG College, Pampady Kottayam
185	Joshly Abraham	MES College Nedumkandam
186	Krishnendu R	Baselius College , Kottayam
187	Ann Mary Mathew	MES College, Nedumkandam,Idukki
188	R.Anu	Sri G.V.G Visalakshi College for Women
189	M. DHARANI	Sri GVG Visalakshi College For Women
190	Mariya P Jose	SD College, Alappuzha
191	Varghese Reji	TIFR Mumbai
192	HAFIZUDDIN PRAMANIK	Science College kokrajhar
193	David Brahma	Science College, Kokrajhar
194	SAMEERA ALEX	SACRED HEART COLLEGE
195	S.Mohanapriya	Sri gvg visalakshi college for women, udumalpet
196	Ann Rosna George	Cochin university of Science and Technology

2.3 Cultural Programme Organised

Summary :

Sl No	Title of the Programme	Nature of the programme	No. of participants
1	Onam Celebration		97
2	Christmas celebration		96

Summary of Reports of each Activity

1. Brochure



A Brief write-up

ഓണം ഓളമാണുണ്ണി, a post-Onam online celebration of BEATS 2020, at 11.40 am (IST), on September 8, 2020. Dr. Misha Hari, teacher-in-charge, BEATS 2020, welcomed the students and staffs to the meeting. Prof. Linju Ann Jacob, Post Graduate and Research Department of Physics, Baselius College, Kottayam, addressed the meet with an Onam message, while Dr. Sindhu Jones, Head of the Department of Physics, Baselius College, Kottayam, gave away the Presidential address. The prizes regarding the competitions held in accordance with ഓണം ഓളമാണുണ്ണി was also declared during the meet. Mr. Jaison Thomas, Secretary, BEATS 2020, gave thanks to all whom made the program a success.

Physics Manka, Physics Shreeman and Vadamvali were conducted in association with ഓളമാണുണ്ണി. Physics Manka and Physics Shreeman were participated by six for each. The students of the department selected participants from among themselves to represent their respective classes. Ms. Chinnu Xavier, 2nd year M. Sc. Physics, was crowned the Physics Manka while Ms. Anjitha Suresh, 3rd year B. Sc. Physics, was the runner up. Mr. Feby Sam Baby, 3rd year B. Sc. Physics, bagged the crown of Physics Shreeman while Mr. Kuruvilla Sabu, 3rd year B. Sc. Physics, was the runner up. Vadamvali, an online debate competition, was initiated under the supervision of Mr. Nikhil Sam Abraham, 3rd year B. Sc. Physics. The teams had a heated debate on three topics which were given the previous day. Both the teams were deemed winners.

Participant Details

Sl. No.	Name
1	Anandu Vijayam
2	Ananthu Suresh
3	Angel Ann Ninan
4	Anjitha Suresh
5	Elza Susan Kochummen
6	Feby Sam Baby
7	Harindradas T.M.
8	Jaison Thomas
9	Krishnendu .R
10	Kuruvilla Sabu
11	Mathew Abraham
12	Meenu Benzi Philip
13	Midhuna C P
14	Nayana Vinayan
15	Nikhil Sam Abraham
16	Pratheesh James

17	Rajalakshmi.S
18	Sreenath Sreekumar
19	Swathy G Krishna
20	Vishnupriya K R
21	Anakha Ajkumar
22	Bijin K Biju
23	Lakshmi P Ramesh
24	Marshal Ajith
25	Megha Moni
26	Muhammed Ajmal K.A
27	Nithin K S
28	Sumina M S
29	Amrutha R Nair
30	Dasarath Thoppil
31	Devika V C
32	G. K. Romariyo
33	Nandhu S Babu
34	Rohit Pratap Nair
35	Silpa Babu
36	Akhila Grace Rajan
37	Binil K Korah
38	Emi Susan Thomas
39	Gokul Saju
40	Irene Anna Verghis
41	Irene Elsa Cherian
42	Joel B George
43	Manikandan K
44	Midhunkumar N K.
45	Neeha Anna Thomas
46	Rakhi Raj K
47	Umadevi Madhukumar
48	Vaisakh R
49	Abhijith V J
50	Anamika S Gopal
51	Athulkumar A
52	Bhagath S Nair
53	Elaya Raja K
54	Heera H
55	Nandagopal G
56	Revathy S
57	S Akhil Raj

58	Sherin Shaji
59	Akash Krishnan
60	Arshadhara M U
61	Asnamol Shine
62	Haripriya P Nair
63	Karthika B. Nair
64	Krishnendu B Nair
65	Philjo Philip
66	Princy Mariam Jacob
67	Serin T Thomas
68	Abhijith P
69	Abhishek A R
70	Alan R Habel
71	Saraswathi Devi K K
72	Alex Paul
73	Anna Binoy
74	Hilda Suzanne Punnen
75	Sumod V Zachariah
76	Vaisakh Viswambharan
77	Adarsh T Saji
78	Ariakutty C S
79	Aswathy R
80	Atheena Jain
81	Ayana Babu
82	Bitty Paul
83	Jyothisree V P
84	Merin Ann Varughese
85	Nikhil Raju
86	Niya K Nelson
87	Silpa Sivan
88	Smruthy S Kumar
89	Anakha mol V V
90	Ayana Das
91	Chinnumol Xavier
92	Harikrishnan V S
93	Kukku Thomas
94	Minu Mary Baby
95	Nitha Mohan
96	Reshma Raju
97	Sreelakshmi S

Photos/Screenshots etc.

2. *One December to Remember*

The Christmas celebration 2020 was conducted by BEATS 2020, Post Graduate and Research Department of Physics, Baselius College, Kottayam, on 22 December, 2020, at 10.30 am (IST). Dr. Sindhu Jones, Head of the Post Graduate and Research Department of Physics, Baselius College, Kottayam, gave out the Presidential Address and Fr. Jeswin Chacko, an alumnus (2012- 2015), Vicar, St. Peter's Orthodox Church, Pullikkanam, gave the Christmas message. The meeting then saw PHYSIXMAS 20, cultural programs by the students and teachers. Christmas Carol by the 1st years, Christmas Twirls by 2nd years, Mingling Jingles by 3rd years and messages from Arshadhara M U, 1st year B. Sc. Physics, Lekshmi, 2nd year B. Sc. Physics, Krishnendu R, 3rd year B. Sc. Physics and Kukku Thomas, 2nd year M. Sc. Physics followed suit. The video presentation from the teachers was the cherry on the top that bid farewell to the celebration, prior to the thanking note by Jaison Thomas, Secretary, BEATS 2020, Baselius College, Kottayam.

POST GRADUATE AND RESEARCH DEPARTMENT OF PHYSICS
BASELIUS COLLEGE KOTTAYAM

Beats 2020

One December to Remember



Christmas message:
Fr. Jeswin Chacko

PHYSIXMAS 20

Christmas Carol 1st Years

Christmas Twirls 2nd Years

Mingling Jingles 3rd Years

Date: 22/12/20

Time: 10:30



HAVE A VERY
Merry
CHRISTMAS
and
HAPPY NEW YEAR

Participants details

1	Abhijith P S
2	Abhijith S
3	Ajay Prasannakumar
4	Ajay Sankar M S
5	Akshay Kurian
6	Aleena Prem
7	Anandu Vijayam
8	Jaison Thomas
9	Krishnendu .R
10	Kuruvilla Sabu
11	Mathew Abraham
12	Meenu Benzi Philip
13	Midhuna C P
14	Nayana Vinayan
15	Nikhil Sam Abraham
16	Pratheesh James
17	Rajalakshmi.S
18	Sreenath Sreekumar
19	Swathy G Krishna
20	Vishnupriya K R
21	Anakha Ajkumar
22	Bijin K Biju
23	Lakshmi P Ramesh
24	Marshal Ajith
25	Amrutha R Nair
26	Dasarath Thoppil
27	Devika V C
28	G. K. Romariyo
29	Nandhu S Babu
30	Rohit Pratap Nair
31	Silpa Babu
32	Akhila Grace Rajan
33	Binil K Korah
34	Emi Susan Thomas
35	Gokul Saju
36	Irene Anna Verghis
37	Irene Elsa Cherian
38	Joel B George

39	Manikandan K
40	Midhunkumar N K.
41	Neeha Anna Thomas
42	Rakhi Raj K
43	Umadevi Madhukumar
44	Vaisakh R
45	Abhijith V J
46	Anamika S Gopal
47	Athulkumar A
48	Bhagath S Nair
49	Elaya Raja K
50	Heera H
51	Nandagopal G
52	Revathy S
53	S Akhil Raj
54	Sherin Shaji
55	Akash Krishnan
56	Arshadhara M U
57	Asnamol Shine
58	Haripriya P Nair
59	Karthika B. Nair
60	Krishnendu B Nair
61	Philjo Philip
62	Princy Mariam Jacob
63	Serin T Thomas
64	Abhijith P
65	Abhishek A R
66	Alan R Habel
67	Saraswathi Devi K K
68	Alex Paul
69	Anna Binoy
70	Hilda Suzanne Punnen
71	Sumod V Zachariah
72	Vaisakh Viswambharan
73	Adarsh T Saji
74	Ariakutty C S
75	Aswathy R
76	Atheena Jain
77	Ayana Babu
78	Bitty Paul
79	Jyothisree V P

80	Merin Ann Varughese
81	Nikhil Raju
82	Niya K Nelson
83	Silpa Sivan
84	Smruthy S Kumar
85	Anakha mol V V
86	Aneesha Abraham
87	Asheena Anilkumar
88	Athira Saji
89	Ayana Das
90	Chinnumol Xavier
91	Harikrishnan V S
92	Kukku Thomas
93	Minu Mary Baby
94	Nitha Mohan
95	Reshma Raju
96	Sreelakshmi S

2.4 Extension/Outreach Programme Organised

Summary : Nil

2.5 Skill Development Programme/ Courses Organised

Summary : Nil

2.6 Certificate Course Conducted, if any : Nil

Summary : Nil

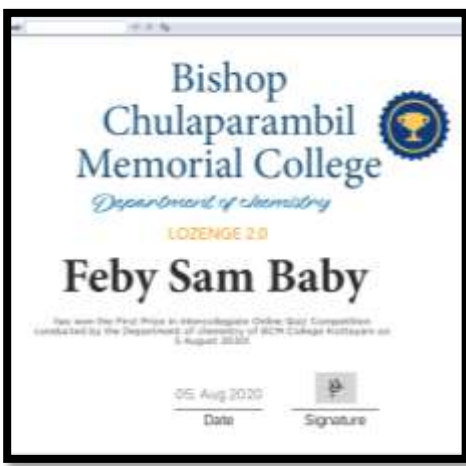
2.7 Student Participation and Achievement – Outside College

Sl No	Name of the Student	Class	Email	Programme organised by with title of the Programme	Date of the Programme	Nature of achievement (Participation/ Position to be specified)	Whether certificate attached
1	Rohit Pratap Nair	D2 Physics	rohitpratapnair@gmail.com	Photography Competition (Jewels of Nature), conducted by National Service Scheme Sree Chitra Thirunal College of Engineering, Trivandrum	28/07/2020	First Prize	Yes
2	Haripriya P Nair	D1 Physics	haripriyapnair1@gmail.com	National level e-quizz competition in connection with vimukthi	11/06/2021	Participation	No
3	Atheena Jain	M1 Physics	atheena.jain@gmail.com	All Kerala Intercollegiate Seminar Competition		Participation	No
4	Atheena Jain	M1 Physics	atheena.jain@gmail.com	International Seminar Conducted by IceCube		Participation	No

		cs		Observatory			
5	Princy Mariam Jacob	D 1 P h y s i c s	princymariamjacob123@gmail.com	Speed Skating Championship	06/03/2021	1)Third Prize in Point to Point - E(track)(1000 0M), Elimination (Track)5000/ 10000M), Point to point (road)(10000 M), Elimination (road)(15000 M)	Ye s
6	Princy Mariam Jacob	D 1 P h y s i c s	princymariamjacob123@gmail.com	National level quiz competition conducted by NCC unit of Baselius College	7/13/1905	Participation	No
7	Princy Mariam Jacob	D 1 P h y s i c s	princymariamjacob123@gmail.com	Kottayam District Roller Skating Championship	13- 14/02/2021	Bronze(Road III 100M Sprint), Bronze (Road IV one lap)	Ye s
8	Feby Sam Baby	D 3 P h y s i c s	febysambaby@gmail.com	Participated in Quiz competition "Physics in Everyday life" conducted by Marathwada Institute of Technology		Participation	Ye s
9	Feby Sam Baby	D 3 P h y s i c s	febysambaby@gmail.com	Online Quiz Competition "Lozenge 2.0" conducted by department of chemistry, BCM College Kottayam	05/08/2021	First Prize	Ye s

10	Feby Sam Baby	D 3 P h y s i c s	febysam_baby@gmail.com	Thiruvonam prasnothari' conducted by Baselius College, Kottayam.	25/08/2020	First Prize	Yes
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(Softcopy of certificates to be attached)

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

Misha Hari

Teacher-in-charge of the club

Jaison Thomas

General Co-ordinator- Club Activities

Appendix