

Annual Report

Physics Association (Beats)

Year : 2023-24

A Quality Assurance Venture of the IQAC

Baselius College, Kottayam

Certificate

This is to certify that the following is a bonafide record of activities and achievements of Physics Association for the academic year 2023-24. Necessary supporting documents have been attached wherever possible.

Teacher-in-charge

Verified

IQAC Co-ordinator.

Counter-Signed by

PRINCIPAL

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Part – A

1.1 Name of the Club : Physics Association (Beats)

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

Social media details

Name of the teacher in charge : Dr. Anisha Mary Mathew

Name of the Club Secretary : Graceson P Rajan & Gouri G Mohan

Contact Nos.

Teacher-in-charge : 9447304071

Secretary :

1.2 Executive Committee Details

Sl No	Name of the member	Designation/ Class/ Position	
1.	Dr. Linju Ann Jacob	H.O.D, Department of Physics	
2.	Dr. Anisha Mary Mathew	Teacher in Charge	
3.	Graceson P Rajan	Association Secretary D3 Physics	
4.	Gouri G Mohan	Association Joint Secretary D3 Physics	
5.	Saranya Joy	M2 Representative,	
6.	Jaison Sabu	M2 Representative	
7.	Daya	M1 Representative	
8.	Aparna Thilakan	M1 Representative	
9.	Abhiya Elsa Joshy	D2 representative	

10.	Nidarsh S	D2 representative	
11.	Uthara Vinu	D1 representative	
12.	Arun Hari	D1 representative	

No. of committee meetings held :

Sl No	Date of the Meeting	No of participants
1		
2		

(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
1. Environmental Day celebration- Energy Auditing	5/6/2023	Conducted on 5/6/2023
2. Hands on training in scientific computing using Microsoft Excel	June 2023	Conducted on 12/6/2023
3. Value added course- Mathematical foundation for Physics	June 2023	Conducted on 24/6/2023
4. Conducted a live telecasting of Chandrayan -3 Launching at AP Mani Media Centre		Conducted on 14/7/2023
5. Celebrated International Moon Day	25/7/2023	Conducted on 25/7/2023

6. A day with the kids at Govt. UP school, Muttambalam- An extension Program	August	Conducted on 04/08/2023
7. Hiroshima and Nagasaki Day Observance- Oath Taking and Crafting Sadako Sasaki's Paper Cranes	10/8/2023	Conducted on 10/08/2023
8. Association Inauguration And A talk on investigation of crimes- a scientific approach	21/8/2023	Conducted on 21/8/2023
9. Conducted a live telecasting of Chandrayan -3 soft landing at AP Mani Media Centre		Conducted on 23/8/2023
10. Department level Onam Celebrations	August	Conducted on 24/8/2023
11. 16 th All Kerala Prof. Susan John Memorial Physics Quiz Competition and 6 th All Kerala Prof. V John memorial Power Point Presentation Competition	21-09-2023	Conducted on 21/09/2023
12. Organised two-day national workshop on ExpEyes – Building your Personal science lab	November	Conducted on 03/11/2023 to 04/11/23
13. An awareness program is conducted in association with National energy conservation day on December 14, 2023 ➤ Poster Presentation	14/12/2023	Conducted on 14/12 2023

<ul style="list-style-type: none"> ➤ Circulating a write up to all departments showing energy saving tips. ➤ Taking the national energy conservation pledge. 		
<p>14. Organised a two-day workshop on “Shine on – LED creations unveiled” on December 14 and 15 2023.</p>	<p>December</p>	<p>Conducted on 14/12/2023 and 15/12/2023</p>
<p>15. Participated in Joy fiesta Baselian Expo - displayed and sale our exhibits.</p>		
<p>16. Seminar on career opportunities in healthcare sector by TRANSORZE Solutions in collaboration with NSDC.</p>		<p>Conduced on January</p>
<p>17. PG students for lab visit at SPAP, MGU on 20/2/2024 AN</p>	<p>February</p>	<p>Conducted on 20/2/2024</p>
<p>18. Valedictory and Farewell to Final Year students</p>	<p>March</p>	<p>Conducted on 16/03/2024</p>

Part – B

Part B – 2.1 Talks/Lectures/ Workshops Conducted- 9
2.2a Competitions Organised within the College - Nil
2.2b- Inter-Collegiate Competitions Organised -2
2.3- Cultural Programmes Organised -1
2.4 – Extension and Outreach Programme Organised -1
2.5- Skill Development Courses Organised- 1
2.6- Certificate Programme/ Diploma Organised
2.7 Student Participation and Achievements outside
2.8- Any Other activity/point worth mentioning

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

Sl No	Title of the Programme	Name of the Resource Person	No. of participants	Links available if any
1.	Environmental Day celebration- Energy auditing	Dr. Nibu A George	38 Teachers and students of the department	
2.	Hands on training in scientific computing using Microsoft Excel	Dr. Nibu A George	10 Teachers and Research Scholars	
3.	Conducted a live telecasting of Chandrayan -3 Launching at AP Mani Media Centre	Dr. Sindu Jones	65 Teachers and students of the college	
4.	Celebrated International Moon day	Dr. Sindu Jones	26	
5.	Hiroshima and Nagasaki Day	Dr. Sindu Jones	43	

	Observance- Oath Taking and Crafting Sadako Sasaki's Paper Cranes			
6.	Association Inauguration and A talk on investigation of crimes- a scientific approach	Dr. Jayachandran K, Assistant Professor at Government Polytechnic Cherthala.	All students and teachers of physics department	
7.	Organised two day national workshop on Expeyes – Building your Personal science lab	Dr. Ajith Kumar B P, Rtd. Scientist-H, IUAC, New Delhi & Dr K K Abdulla, Former HOD of Physics, Farook College, Kozhikode		
8.	National Energy Conservation Day – Celebrations An awareness program is conducted in association with National energy conservation day on December 14, 2023 ➤ Poster Presentation ➤ Circulating a write up to all departments showing energy saving tips. ➤ Taking the national energy conservation pledge.		All students and teachers of physics department	
9.	Organised a two day workshop on “Shine on – LED creations unveiled” on December 14 and 15 2023.	Dr. Boni Samuel, Assistant Professor of Electronics, Nirmala College, Muvattupuzha	30	

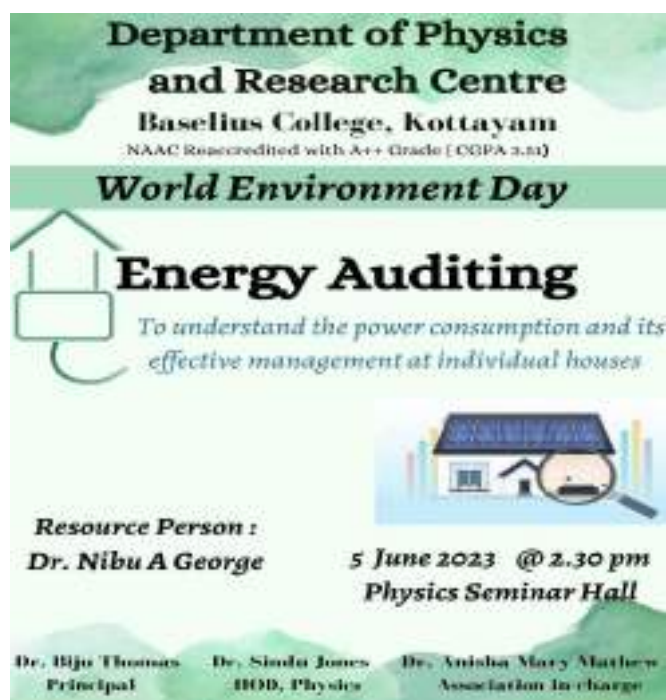
10.	Seminar on career opportunities in healthcare sector by TRANSORZE Solutions in collaboration with NSDC.	Resource persons from TRANSORZE Solutions	12	
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Summary of Reports of each Activity

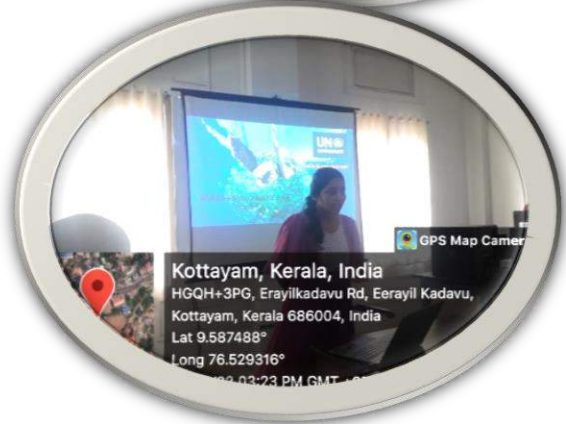
1. Environmental Day celebration- Energy auditing

The Physics Association activities started its long triumphant journey on June 5th 2023 with the “Environmental Day celebration”. As a part of environmental day celebration, an awareness program about energy auditing of the individual houses were conducted for Physics students. Nearly 40 students participated in the program. Dr. Nibu A George, Assistant Professor, Department of physics was the resource person. The class was very effective and all the students actively participated in the program. He demonstrates the need of house energy auditing and how to reduce the current bill effectively.

Then a simple Walk-Through audit (observation of the energy consumption of electrical appliances) was conducted by students in their own houses. All the students calculated the average power consumed in their houses for one month and analyzed their energy usage and discussed about what can be done to reduce energy consumption.



Our pass-out Final Year PG Students Krishnendu and Jaison did a presentation for the students about the importance of the day.



List of Participants

Energy Auditing
Organized by
Department of Physics & Research Centre
Basillas College, Kottayam

Participation List

Sl No	Name of Student	Class	Signature
1	Geetha G. Mohan	B.A. Physics	[Signature]
2	Arjun Anandhan P.S	"	[Signature]
3	Geetha M	"	[Signature]
4	Kavya Anandhan	"	[Signature]
5	Arinova C. Jacob	"	[Signature]
6	Adithyana K. Sibi	"	[Signature]
7	Krishna Rg	"	[Signature]
8	Prithvi Manu Prabhakar	"	[Signature]
9	Pranav S. Rajan	"	[Signature]
10	Abhinav Jagan	M.T. Physics	[Signature]
11	Jayashree S	"	[Signature]
12	Asmita P.	M. Physics	[Signature]
13	Smrithi S	M. Physics	[Signature]
14	Aradhana S	M. Physics	[Signature]
15	Aradhana S	M.T. Physics	[Signature]
16	Radhika S	M.T. Physics	[Signature]
17	Shravya Jay	M.T. Physics	[Signature]
18	Adithyana C	M.T. Physics	[Signature]
19	Aradhana S	M. Physics	[Signature]
20	Aradhana S	M. Physics	[Signature]
21	Shravya Jay	M. Physics	[Signature]

Sl No	Name of Student	Class	Signature
22	Aradhana S	M. Physics	[Signature]
23	Aradhana S	M. Physics	[Signature]
24	Aradhana S	M. Physics	[Signature]
25	Aradhana S	M. Physics	[Signature]
26	Aradhana S	M. Physics	[Signature]
27	Aradhana S	M. Physics	[Signature]
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40	Aradhana S	M. Physics	[Signature]

2. Hands on training in scientific computing using Microsoft Excel

The department of Physics and research centre conducted a hands-on training in scientific computing using Microsoft excel on 12/06/2023 at 2 pm. The Head of the department of Physics, Dr. Sindu Jones welcomed the gathering. Dr. Nibu A George, Faculty of our department delivered the class. About 10 members including teachers and research scholars participated in the program.

List of Participants

1. Dr Sindu Jones
2. Dr. Anisha Mary Mathew
3. Dr. Misha Hari
4. Dr. Ambika D
5. Dr. Aparna Thankappan
6. Ms. Neha P R
7. Mr. Nibu B Thomas
8. Dr. Krishnaraj M V
9. Dr. Aarabhi P
10. Lakshmi

DEPARTMENT OF PHYSICS AND RESEARCH CENTRE
 BASELIUS COLLEGE, KOTTAYAM
 (NAAC Re-credited with A++ Grade: 3.51 CGPA)
 An IQAC initiative

HANDS-ON TRAINING IN SCIENTIFIC COMPUTING USING MICROSOFT EXCEL

RESOURCE PERSON
 DR. NIBU A GEORGE
 ASSISTANT PROFESSOR OF PHYSICS
 BASELIUS COLLEGE

12.6.2023 @ 2PM
 FOR TEACHERS AND RESEARCH SCHOLARS

9747620988
 aparnathankappan@basilius.ac.in

REGISTRATION LINK
[HTTP://FORMS.GLE/4IAND2S6JTT1T7YEE](http://forms.gle/4iand2s6jtt1t7yee)

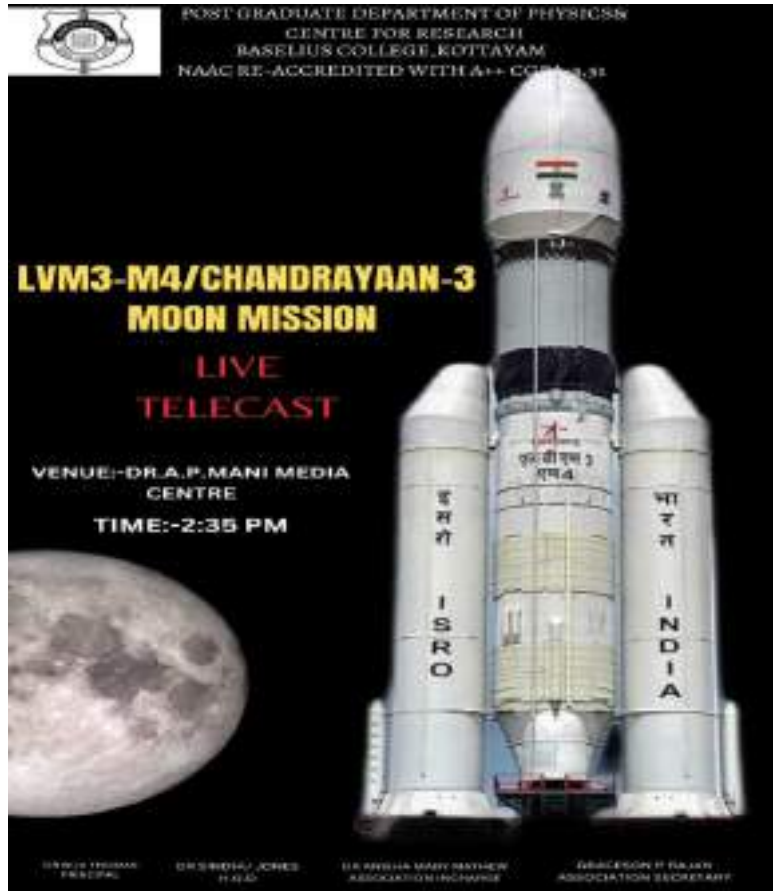
Principal: Prof. Dr. Biju Thomas
 HOD: Dr. Sindu Jones
 Program Coordinator: Dr. Aparna Thankappan, Dr. Anisha Mary Mathew

Hands-on training in scientific computing using Microsoft Excel
 organized by
 Postgraduate Department of Physics, Basilius college, Kottayam
 on 12.6.23 @ 2pm

Sl No	Name	Signature
1	Dr. Sindu Jones, Assistant Prof	[Signature]
2	Lakshmi P. George, Research Scholar	[Signature]
3	Neha P R, Asst. Professor	[Signature]
4	Dr. Krishnaraj M V, Asst. Professor	[Signature]
5	Dr. Ambika D	[Signature]
6	Dr. Sindu Jones	[Signature]
7	Dr. Aarabhi P, Dept of Botany	[Signature]
8	Dr. Misha Hari	[Signature]
9	Dr. Anisha Mary Mathew	[Signature]
10	Dr. Aparna Thankappan, Dept of Phys	[Signature]

3. Conducted a live telecasting of Chandrayan -3 Launching at AP Mani Media Centre

The physics Association of the Postgraduate Department of Physics and Centre for Research of Baselius College, Kottayam conducted a live telecasting of Chandrayan-3 (the lunar mission of India) Launching at AP Mani Media Centre on 14/07/2023. A brief history and the scientific reasons behind the successful moon mission is explained by Dr. Sindu Jones. Daya Sara of M1 Physics, Uthara Vinu of D1 Physics and Sona of M2 Physics explained about the milestones of Indian Lunar missions. Teachers and students from Physics department as well as from other departments were participated in the live telecast programme. It was a better experience for the students to witness the telecast and association secretary remarked the vote of thanks for the program.



List of Participants

Participants List		
No.	Name	Department
1	Dr. Sindu Jones	Physics
2	Dr. Aruna Mathew	Physics
3	Dr. Aruna Mathew	Physics
4	Dr. Aruna Mathew	Physics
5	Dr. Aruna Mathew	Physics
6	Dr. Aruna Mathew	Physics
7	Dr. Aruna Mathew	Physics
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57	Dr. Aruna Mathew	Physics
58	Dr. Aruna Mathew	Physics
59	Dr. Aruna Mathew	Physics
60	Dr. Aruna Mathew	Physics

No.	Name	Department	Signature
16	Arjun	Chemistry	
17	Arjun		
18	Arjun		
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34	Arjun		
35	Arjun		



4. International Moon day Celebrations



Every year July 20 is observed as International Moon Day. The day celebrates the first landing by humans on the Moon as part of the Apollo 11 lunar mission.

Physics Association celebrated the international moon day on 25/07/2023, 2 pm at AP Mani media centre. Different activities for exploring lunar missions were conducted. First Year Degree students presented a skit regarding moon missions. First Year students PG students conducted a Quiz competition related to moon and Final year PG students did PowerPoint presentation which help students to dive into the fascinating world of lunar science. All over the program is a good and thrilling experience for students and they enjoy it very well. Events like these not only commemorate the historic Apollo 11 landing but also inspire curiosity and interest in lunar science among students. It seems like it was both educational and enjoyable for everyone involved.



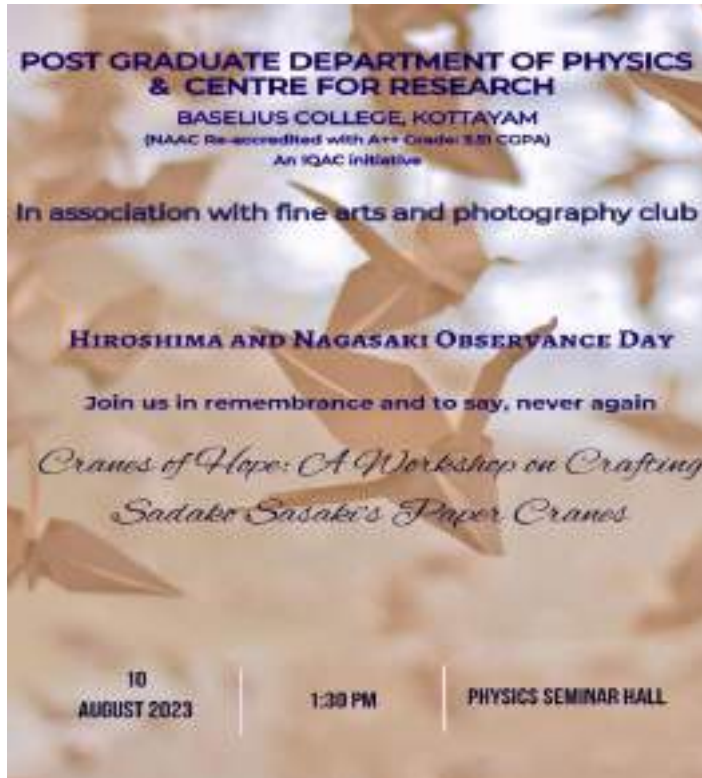
List of Participants

Celebrating International Men's Day

Date: 23.7.2023
 Venue: St. Mary's High School, Kottayam

Sr. No.	Name	Signature	Remarks
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5. Hiroshima and Nagasaki Day Observance- Oath Taking and Crafting Sadako Sasaki's Paper Cranes



The Physics Association organized an observance of Hiroshima and Nagasaki Day on 10/08/2023. The event aimed to commemorate the tragic events of World War II and promote a message of peace and remembrance.

The program commenced with an oath-taking ceremony, where all the students and teachers pledged to uphold the values of peace and to work towards preventing similar tragedies in the future. Following the oath-taking, participants engaged in the crafting of paper cranes, inspired by the story of

Sadako Sasaki. Sadako, a survivor of the Hiroshima bombing, famously folded paper cranes as a symbol of hope and peace. The act of crafting these cranes was a touching gesture, symbolizing the desire for healing and reconciliation in the wake of conflict. These activities provided a platform for dialogue and remembrance, fostering a deeper understanding of the impact of war and the importance of promoting peace.





List of Participants

Hexasthoma and Nagasaki Day Observance

Time : 1:30 pm
 Venue: Physics Lecture Hall (Room 116)

1. Nithesh	D2	<i>[Signature]</i>
2. Kishan	D3	<i>[Signature]</i>
3. Zameela	D2	<i>[Signature]</i>
4. Pragyakumar	D2	<i>[Signature]</i>
5. A.Jin. T.K	D2	<i>[Signature]</i>
6. Divin Jina	D2	<i>[Signature]</i>
7. Midhin. S. Jose	D2	<i>[Signature]</i>
8. Anshu Mathan	H.	<i>[Signature]</i>
9. Rohan Das	D1	<i>[Signature]</i>
10. Sreyas K	D1	<i>[Signature]</i>
11. Anu K	D1	<i>[Signature]</i>
12. Melbin	D3	<i>[Signature]</i>
13. Jithumon	D3	<i>[Signature]</i>
14. Anasora	D3	<i>[Signature]</i>
15. Adithy V.B	D3	<i>[Signature]</i>
	D1	<i>[Signature]</i>
16. Naveetha Paul	D1	<i>[Signature]</i>
17. Anantha Krishnan N	D1	<i>[Signature]</i>
18. Varsha P.C	D1	<i>[Signature]</i>
19. Dr. Misha Ban	Faculty	<i>[Signature]</i>
20. Dr. Anitha D	Faculty	<i>[Signature]</i>
21. Dr. Lincy Ann	"	<i>[Signature]</i>
22. Dr. Anurag	"	<i>[Signature]</i>
23. Dr. Anu	"	<i>[Signature]</i>

- | | |
|------------------------|---|
| 24. Gowarindalana V.P |  |
| 25. Dwaja V |  |
| 26. Jica Varghese |  |
| 27. Daya Siva Mathew |  |
| 28. Ganeshi Nair |  |
| 29. Kprama Thilakara |  |
| 30. Leoa Elsa Varghese |  |
| 31. Ahyfa Elsa Joshy |  |
| 32. Suelakshmi V.P |  |
| 33. Nanditha Pradeep |  |
| 34. Revathyroot G Nair |  |
| 35. Vinodha Vijayan |  |
| 36. Anupama Anil |  |
| 37. Anicna Rasendran |  |
| 38. Ayya Sasi |  |
| 39. Sooya J |  |
| 40. Mariya Saha Sanil |  |
| 41. Jewel Mariam Jose |  |
| 42. Aswini Krishna S |  |
| 43. Uthara Vinu |  |

6. Association Inauguration and A talk on investigation of crimes- a scientific approach

The Physics Association commenced its activities with an inaugural ceremony featuring an enlightening talk on "Investigation of Crimes - A Scientific Approach" by Dr. Jayachandran K, Assistant Professor at Government Polytechnic Cherthala.

Beats 2023-24, the association of Postgraduate Department of Physics and centre for Research, Baselius College Kottayam has organised Association Inauguration Ceremony on **21st August 2023**. The programme started at 10.30 am with prayer by Devaja V. The association in-charge Dr. Anisha Mary Mathew

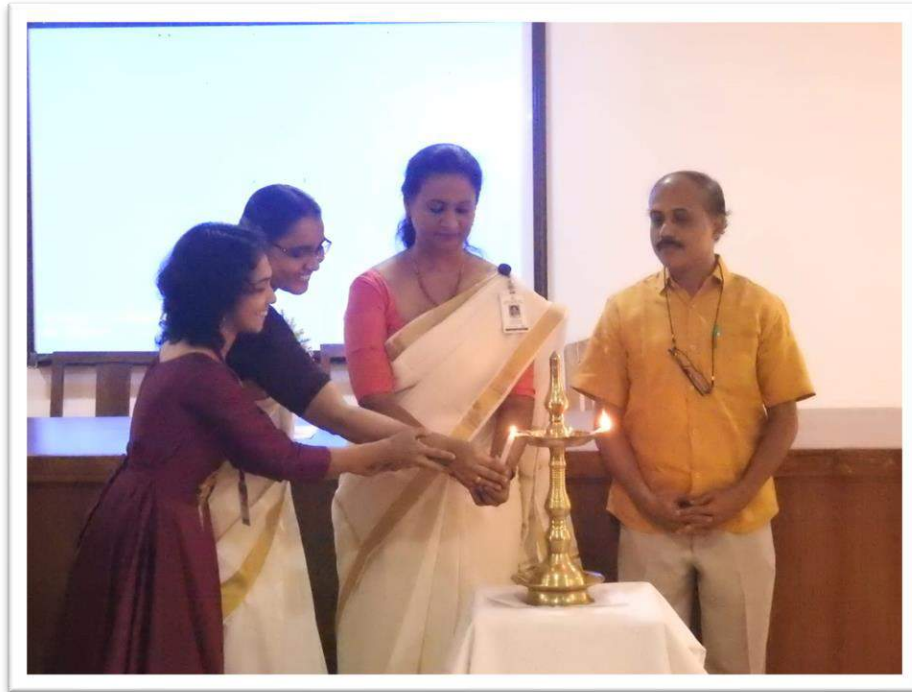
welcomed everyone to the occasion. Dr. Sindu Jones, HOD commenced the proceedings with a gracious Presidential Address, marking the significance of the occasion. She expressed the vision of the Physics Association and underscored the importance of fostering a spirit of inquiry and scientific exploration among students. The guest of honour for the function Dr. Jayachandran K lighted the traditional lamp. Dr Sindu Jones, Dr Anisha Mary Mathew and student representative Gowri Nandana lighted the lamp.

Following the Presidential Address, Dr. Jayachandran K took the stage to deliver his enlightening talk on "Investigation of Crimes - A Scientific Approach." He highlighted various scientific techniques and methodologies used in forensic analysis, ranging from fingerprinting and DNA profiling to ballistics and toxicology. He emphasized the importance of employing a systematic and evidence-based approach to crime scene



investigation, showcasing the critical role that physics and other scientific disciplines play in the pursuit of justice.

After the talk fresher's day – welcome to first year students, is arranged in the afternoon and the program come to an end by 3.30 pm.



List of Participants

All students in Physics department

7. Organised two-day national workshop on Exp-Eyes – Building your Personal science lab.

Dear Madam/Sir,


We are pleased to announce that the Postgraduate Department of Physics and Research Centre at Baselius College, Kottayam, is organizing a two-day national workshop on "ExpEYES-Building Your Personal Science Lab". This workshop is open to faculty members and enthusiastic BSc students. The workshop will offer a comprehensive overview of ExpEYES, a hardware and software framework for developing science experiments, demonstrations, and projects without getting into the details of electronics or computer programming. ExpEYES is an instrument that can be interfaced to the USB port of a computer or Android phone. It provides a set of input/output terminals that can act as test equipment, such as a DC power supply, function generator, oscilloscope, frequency counter, and capacitance meter. ExpEYES also supports IoT sensor elements for measuring physical parameters, such as temperature, pressure, and magnetic field.

The workshop's focus is to enable the participants to perform experiments independently using ExpEYES software. The software is currently available for PCs and Android phones. The workshop will be conducted using Android phones and all the participants are expected to bring an Android phone with the SELLab app installed from Google Play store. [Click here to install SELLab](#). The workshop will accommodate a maximum of 40 participants, and interested individuals can confirm their participation through the online form by October 20, 2023. Selected participants will receive notification via mail before November 1, 2023. Please visit the website for preparatory materials before the workshop. We request the active participation of faculty members and selected students of your institution in the workshop.

We warmly invite the active participation of both faculty members and selected students from your institution in this workshop. Your involvement will greatly enrich the learning experience.

Thank you for considering our invitation, and we look forward to welcoming your participants to the workshop.

BASELIUS COLLEGE, KOTTAYAM
(NAAC Re-accredited with A++ Grade 351 CGPA)
An IQAC initiative





**Two-day National Workshop on
ExpEYES-Building Your Personal Science Lab**
on 3/11/23 - 4/11/2023

organized by
Postgraduate Department of Physics & Research Centre
In association with
Academy of Physics Teachers, Kerala

Resource Person: Dr. Ajith Kumar B P
Rtd. Scientist-H, IUAC, New Delhi

Venue:
B.Sc. laboratory,
Department of physics,
Baselius College



ExpEYES 

Day 1
3.11.23

Session 1 (09:00 AM - 11:00 AM)
Demonstration of five experiments selected from different branches of physics.

Session 2: Hands-on (11:00 AM - 1:00 PM)
The activities in this session will make the user familiar with the usage of the input/output terminals of ExpEYES.

Session 3: Hands-on (2:00 PM - 3:30 PM)
Continuation of the previous session, covering several experiments to study the nature of alternating current and the behavior of LCR circuits, mostly corresponding to the theory taught in 12th standard. For a brief description of the theory [login a guest to this LMS](#).

Session 4 (3:45 PM - 4:45 PM) Programming ExpEYES using Python
Even though GUI programs are available for many experiments, programming ExpEYES gives a deeper understanding and also enables the user to design new experiments. There are library functions to control/monitor the input/output terminals. Python code for some experiments presented in Session 1 will be discussed.

Number of seats limited to 40
Reg. Fee ₹ 400 for teachers
₹ 100 for students

Day 2
4.11.23

Session 1: Hands-on (9:30 AM- 11:00 AM) B.Sc level Experiments
Most of the experiments in this section are part of the B.Sc syllabus. Conventional method requires DC power supply, oscilloscope, function generator and frequency counter to perform them. Experiments like studying the Transient Response of LCR circuits is difficult with conventional equipment. Due to this reason they are currently present only in the theory part. ExpEYES can be used to perform all these experiments.

Session 2 (11:30 AM - 1:00 PM) B.Sc level Experiments

Session 3 (2:00 PM - 3:30 PM)

Session 4. Conclusion and feedback (3:45 to 4:30)
ExpEYES Resources
<https://expeyes.in/resources/workshops.html>

Contact us

Dr. Aparna Thunkappan
9747620914
aparnathunkappan@baselius.ac.in

The Post Graduate Department of Physics and Research centre organised a two-day national workshop on “Exp-Eyes – Building your Personal science lab” in collaboration with Academy of Physics Teachers, Kerala (APT) and Mahatma Gandhi University from 03/11/2023 to 04/11/2023. Dr. Ajith Kumar B P, Rtd. Scientist-H, IUAC, New Delhi & Dr K K Abdulla, Former HOD of Physics, Farook College, Kozhikode were served as the resource persons. The workshop was organized with the collective aim of empowering students, educators, and science enthusiasts with the knowledge and skills required to set up and utilize a personal laboratory using the EXP-EYES kit.

The workshop witnessed an enthusiastic response, with 55 participants from students and teachers. The outcomes of the workshop were highly positive. The workshop enabled participants to set up personal laboratories using the EXP-EYES kit, thereby promoting a culture of independent scientific exploration. The participants expressed their eagerness to incorporate EXP-EYES into their educational and research endeavours, thus expanding the reach of this valuable tool. The feedback received from participants was overwhelmingly positive, with many expressing a keen interest in future workshops and collaborative initiatives.



List of Participants

8. National Energy Conservation Day – Celebrations

We, the Physics association celebrated the National Energy Conservation Day on 14/12/2023. In association with National Energy Conservation Day, an awareness program and a workshop were organized on December 14-15, 2023, with the aim of promoting energy conservation practices and raising awareness about the importance of sustainable energy usage. The event comprised various activities, including poster presentations, circulating energy-saving tips, pledge taking, and a workshop titled "Shine on – LED Creations Unveiled."

Awareness Program: The awareness program commenced with a poster presentation showcasing the significance of energy conservation and highlighting the adverse effects of energy wastage on the environment. The students from our department made the posters and displayed them in front of our college. The posters creatively depicted the importance of adopting energy-efficient practices in daily life. Additionally, a write-up containing energy-saving tips was circulated to all departments, providing practical guidance on minimizing energy consumption in various settings. The write-up emphasized simple yet effective measures that individuals and organizations could implement to contribute to energy conservation efforts. Moreover, all the students and teachers participated in a pledge-taking ceremony to express their commitment to energy conservation and sustainable practices.







As a part of the National Energy Conservation Day, a two-day workshop titled "Shine On: LED Creations Unveiled" was organized by the association on December 14-15, 2023. Dr. Boni Samuel, Assistant Professor of Electronics, Nirmala College, Muvattupuzha served as the resource person.

The workshop commenced with an inaugural ceremony featuring Dr. Linju Ann Jacob, the Head of the Department of Physics, who emphasized the vital importance of energy conservation. Dr. Bony Samuel passionately highlighted the pivotal role that LED technology plays in realizing sustainable energy goals. Following the inspirational talks, students actively participated in engaging sessions where they were encouraged to brainstorm and conceptualize their unique ideas for Christmas decoration items using LED components. Facilitators provided guidance on the principles of LED technology and its application in creative projects. The second day focused on the practical implementation of the ideas generated on the previous day. Students were provided with LED kits and materials to bring their concepts to life. Throughout the day, students worked collaboratively, sharing ideas and troubleshooting challenges under the guidance of experienced mentors.

In Joyfiesta Baselian Expo- an exhibition cum sale on Christmas Day, organised by the college, the students gets an opportunity to showcase and sell their unique Christmas decoration items within the college premises. The event generated a festive atmosphere as students eagerly presented and marketed their products to students and faculty.

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National Energy conversion Day celebration
14.12.2023

Time 10.30
Venue Electronics Lab
Resource Person: Dr. Sunil Kumar, Asst Prof,
Nirmala College, Mysurupalya.

Name of the student	Class	Signature
1. Naveeth Paul Thomas	D1 Physics	
2. Faisal Ali V	D1 physics	
3. Graceless P Rajan	D2 physics	
4. Melbin Anni	D2 physics	
5. Mubbas Jameel	D2 physics	
6. Elias Abraham	D2 physics	
7. Heaven C Jacob	D2 physics	
8. Jiramon Chacko	"	
9. Suresh Suresh	D1 Physics	
10. Mousha Siba Sani	D1 Physics	
11. Ashu K Sibi	D1 Physics	
12. Arjun Sasi	D1 Physics	
13. Kiran Raj	D2 Physics	
14. Srujan J	D1 Physics	
15. Vibhava PE	D1 Physics	
16. Bodhendra P Anumoni	D1 Physics	
17. Alan Sajjan	D1 Physics	
18. Suresh Lakshmi V.M	M1 PHYSICS	
19. Anandh Lakshmi	M1 Physics	
20. Vinodha Vijayar	M1 Phys	
21. Anja Siva Mathew	M1 physics	
22. Jini Varughese	M1 physics	
23. Anvitha Kanna Jayesh	M1 physics	
24. Suresh Lakshmi V.P	D2 Physics	
25. Divya Elsa Jashy	D2 Physics	
26. Lena Elsa Varughese	D2 Physics	
27. Anish T.K	D2 PHYSICS	
28. Anakha R	D3 Physics	
29. Gowri Chandrasanth	D3 physics	
30. Devaja V	D3 Physics	

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9. Seminar on career opportunities in healthcare sector by TRANSORZE Solutions in collaboration with NSDC.

The physics department organized a seminar on career opportunities in the healthcare sector on 8th January 2024. The resource persons are from TRANSORZE Solutions, in collaboration with the National Skill Development Corporation (NSDC). The event aimed to provide final year degree students with insights into various career paths within the healthcare industry.

All the final year students participated in the program actively participated in discussions, sharing their aspirations, concerns, and queries related to career choices and professional development in the healthcare sector.



Participant List

1. Anakha R
2. Ashiz.K.Sibi
3. Devaja V
4. Gowri G. Mohan
5. Gowrinandana N S
6. Jinumon Chacko
7. Elias Abraham
8. Heaven C Jacob
9. Graceson P Rajan
10. Melbin Mani Abraham
11. Kiran Raj
12. Rashid Muhammed

2.2a Competition Organised within the college

Summary :

Sl No	Title of the Programme	Nature of the programme	No. of participants
1.	Quiz Competition	Intra- department	

Quiz Competition

In celebration of International Moon Day, a quiz competition was organized for physics students. The event aimed to engage students in learning about the history, significance, and prospects of human exploration of the moon.

Quiz Format and Structure: The quiz comprised multiple rounds, each designed to challenge participants' understanding of various aspects of moon missions and lunar science. Aparna Thilakan and Jissa of M1 Physics Conducted the Quiz Programme. The quiz comprised six teams, each consisting of three students. Appreciation gifts were given to the winners.



2.2b Inter-Collegiate Competition Organised

Summary :

Sl No	Title of the Programme	Nature of the programme	No. of participants
1.	16 th All Kerala Prof. Susan John Memmorial Physics Quiz Competition	All Kerala Physics Quiz	37 Teams from different colleges
2	6th All kerala Prof. V John memorial Power Point Presentation Competition	Point Presentation Competition – All Kerala	7 teams

16th All Kerala Prof. Susan John Memorial Physics Quiz Competition and 6th All Kerala Prof. V John memorial Power Point Presentation Competition



Prof. Susan John K was a perfect teacher, friend, guide, educator, confidante, all rolled into one. She was famous for her dedication and inspired her students as well as her colleagues. She had an enthusiasm for teaching and her integrity projects a genuine concern for students that generated trust and affection. She taught and helped them strive for goals. She gave her very best with her very touch. She sparked the creativity in students. With these attributes she was like a magnet with the powerful effect of stimulating students to learn. She was a special teacher that no words can truly tell that how much she was valued for the work she did so well in her short life span of 46 years till 15th August 2006.



Prof. V John is a man, known for his simplicity. He had a good rapport with his students. His particularities were that he could not only remember their names, but also knew the places from where they came from. It was true in the case of his colleagues as well. He was a good mentor, also a counsellor. He had 20 years of services in MOC colleges. After retirement also he kept a close relationship with the department. On 24th July 2023 he was called to eternal rest.



POST GRADUATE DEPARTMENT OF PHYSICS & CENTRE FOR RESEARCH
BASELIUS COLLEGE, KOTTAYAM
 (NAAC Re-accredited with A++ Grade: 7.51 CGPA)
 An IQAC Institute

16th All Kerala Intercollegiate
Prof. Susan John K Memorial
Physics Quiz Competition
 &
6th Prof. V. John Memorial
Power Point Presentation Competition
21 September 2023

Dear Sir/Madam

Warm greetings from the Post Graduate Department of Physics and Research Centre, Basilius College, Kottayam.

With immense pleasure, we inform you about the 16th Prof. Susan John K Memorial All Kerala Intercollegiate quiz competition to be conducted at Mrs. Mammen Mappilla Hall on 21st September 2023 at 10:00 a.m.

The 6th Prof. V John Memorial All Kerala Intercollegiate Power Point presentation competition will be conducted on the same day in parallel at Dr. A. P. Mani Media Centre. We believe that these competitions will become successful only with the presence and blessings of our well-wishers like you.

We invite your prompt participation by sending in at least one team comprising of two participants for each event from your esteemed Institution.

Principal
Prof. Dr. Nija Thomas
HOD
Dr. Bindu Jones
Coordinator
Dr. Anishia Mary Mathew



Instructions

- The college can send two teams consisting of two students for both events.
- Separate registration is needed for both events.
- For seminar presentations, participants will be given seven minutes for presentation and five minutes for discussion.
- Teams will have to pay Rs. 100/- as registration fee for each event and also have to confirm their identity by an institutional identity card/letter from HOD before to am on the day of the competition.
- For the quiz, the decision of the quiz master will be final.

Prizes

Quiz ₹ 3000 ₹ 2000 ₹ 1000	PPT ₹ 2000 ₹ 1000
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Registration

Ahttps://forms.gle/rnlc2mGcY6CDNUxb7

On September 21, 2023, the prestigious 16th All Kerala Prof. Susan John Memorial Physics Quiz Competition and the 6th All Kerala Prof. V John Memorial PowerPoint Presentation Competition were held at Mrs. Maman Mappila Hall, Basilius College Kottayam. These events are organized to honour the memory of renowned teachers,

Prof. Susan John K who left for heavenly abode on 15th August 2008 and Prof V. John who left for heavenly abode on 24th July 2015.

Quiz Competition

The event witnessed enthusiastic participation from 25 teams representing various colleges across Kerala. Dr. Manesh Michael, Assistant Professor in Physics at Bharata Mata College, Thrikkakara was the Quiz Master. The quiz competition, conducted by consisted of two rounds: a preliminary round and a final round. The preliminary round consists of 25 questions that tested participants' understanding of physics principles and concepts. Following the preliminary round, the top-performing 5 teams advanced to the final round, where they competed head-to-head in a high-stakes battle of knowledge and intellect. After a closely contested final round, the winners of the 16th All Kerala Prof. Susan John Memorial Physics Quiz Competition were announced: **Gowrikrishna G and Devadersh S from CMS College** won the first Prize. **Akshay Biju and Rijo Raju from SPAP MG University** won the second Prize and **Daya Sara Mathew and Keerthika Rajagopal T from Baselius College** won the third place.

In parallel with the quiz competition, the 6th All Kerala Prof. V John Memorial PowerPoint Presentation Competition provided a platform for participants to showcase their research findings, projects, and presentations on various physics-related topics. 12 teams from various colleges were participated. Dr. Nibu A George and Dr. Ambika D served as judges, evaluating the presentations based on criteria such as content, clarity, innovation, and presentation skills. **Aleena Ann Jacob and Devivrinda S from Catholicate College Pathanamthitta** won the first prize. **Jeswin George and Saurav P S from Marian College Kuttikanam** won the second place.

After the competitions a valedictory meeting was convened at 3.30 pm to mark the culmination of the event. Association in charge Dr Anisha Mary Mathew welcomed the gathering, and HOD, Dr. Sindu Jones presided over the meeting. She expressed gratitude to all participants, organizers, and supporters for their dedication and enthusiasm throughout the event. Dr, Annie Cherian, Bursar Baselius College Kottayam, delivered a commemorative speech in honour of Prof. Susan John K and Prof. V John, whose legacies continue to inspire generations of students and teachers. The valedictory meeting was graced by the presence of family members of Prof. Susan John and Prof. V John, who joined the gathering to pay tribute to their beloved ones.

The Quiz Master, provided a comprehensive evaluation of the students' participation in the quiz competition, highlighting notable performances, areas of improvement, and overall observations. Dr. Manesh commended the students for their dedication, knowledge, and sportsmanship displayed throughout the competition and the prizes were given to all winners. Congratulations to all participants, winners, and organizers for making the event a memorable and enriching experience.





List of Participants

16th All Kerala Intercollegiate Prof. Susan John & Memorial Quiz Competition 2023

Registration Form

Sl. No	Team	Name	College Name	Ph.No/ Email Id
1	108	Prithviraj Suresh Nikhil Johnson	St. Aburios College, Kottayam	8713888071 8946680025
2	109	Vishnuvijaya K.G Divya Suresh	St. Thomas college, Palai	7843524009 7022222201
3	110	Sreya S Geetha Anu Thomas	St. Thomas College, Kottayam	7024444444 8561224170
4	111	Chris Sridhar Rose K. George	Martha College, Kottayam	8221022222 7306192214
5	112	Steven Saji Danner Sreenandhan KT	St. Bernards College, Kottayam	9182054443 8072051832
6	113	Anshu Rakesh Jayamal K. Jayaraj	S.A.P. College, Kottayam	8247882330 8186225707
7	114	Megha Mani Anya S	Catholics College, Palai	9846291109 7306702279
8	115	Pranitha Pradeep Amal Babu	Catholics College, Palai	7986001973 914306213925

Baselius College, Kottayam

16th All Kerala Intercollegiate Prof. Susan John & Memorial Quiz Competition 2023

Registration Form

Sl. No	Team	Name	College Name	Ph.No/ Email Id
9	101	Ashwin Sajeer Leo Susan Thomas	Miracle College, Muvattupuzha	9447011768 7024222222
10	102	Tharja J Vrinda D	D.B. Pamba Punamula	7021222222 7021222222
11	103	Diya Sana Mathew Karthika	Baselius College Kottayam	6862524754
12	104	Hareetha P.S Minsula Kshami R	ST. DOMINIC'S COLLEGE Kanjirappally	9526596302
13	105	Fathima Nazrin A Vineetha	Kumbakonam Kumbakonam College	9 751066256
14	106	Janitha Pooja Ashvini	Convent College Ottumathur	7144728287 7730613701
15	107	Sreya B. Suresh	DBPC College	9544821725
16	108	Joyita Joseph Thomas	DBPC College	6238983458

15th All Kerala Intercollegiate Prof. Susan John & Memorial Quiz Competition 2023

Registration Form

Sl. No	Team	Name	College Name	Ph.No/ Email id
17	116	SURESH K R LANTA P. JEEJA	MANJARA COLLEGE KOTTAYAM	726379005 8590768344
18	117	Krishnendu Salyan Aparna Sathesan	Baselius college kottayam	9562199392 7994585199
19	118	Munish Alamed Latha R	Aparna college kottayam	992115111
20	119	Govindaraj G Dandesh S	CMS	7085999588 9496003091
21	120	Jonna J Pulivay Vanu Keshava KN	CMS	9447793987 9446211710
22	121	Siva Priya S Dina Maria	Assumption	623867953 9539716299 854983786
23	122	Ashay Biju B Riya Raju	School of Peace and Applied Arts/MSL	7994070376 7036212256
24	123	Adhanya T Nardana P S	NTA V (OPAT)	9351048207 845648112

Baselius College, Kottayam

6th All Kerala Prof. V John Memorial Power Point Presentation Competition 2023

Registration Form

Sl. No	Team	Name	College Name	Ph.No/ Email id
1	201	Aleena M. Mathew Ranjini G	Marthoma College, Thrissur	8075865009 9158292615
2	202	Feba C. Joy Annamayali J.C	"	9900704376 996977705
3	203	Jeswin George Sathyan P S	Marthoma college kottayam	9132563101 9745811302
A1	204	Althad Krishna M Philipose John	SrV college Kuttanadan	8075211601 7028092139
5	205	Alana Ann Jacob Devi Vinoda S	Catholicate College, PTA	730639026 9997221569
6	206	Saranya Joy Anagha P kishore S	Baselius College	7306109937 8591071091
7	207	Narantira S	St. Xavier's college	7902505419

6th All Kerala Prof. V John Memorial Power Point Presentation Competition 2023

Registration Form

Sl. No	Team	Name	College Name	Ph.No/ Email Id
8,	208	Liyana Sherin	Maxian college	7013974444
		Jishy Ann Jiji	Kuttikkavaram	7902376963
9,	209	Letish B	Aquinas College,	liteshkumth@gmail.com
		Murshad Ahmed u.m	Kadakoche	8407755773
10,	210	Mabeta Abada	Assumption clg	8201821198
11,	211	Adithya S	Assumption clg	8281042392
12,	212	Aparna Thirukan	Baselias College.	7736276681
		Anupama Anil	Baselias College.	7510382984

2.3 Cultural Programme Organised

Summary :

Sl No	Title of the Programme	Nature of the programme	No. of participants
1	Onam Celebrations	Intra department	
2	Freshers' day	Intra department	
3	Farewell to our HOD Dr. Sindu Jones	Intra department	
4	Valedictory of Association and farewell to final year students.	Intra department	

Beats 2023-24, the association of Postgraduate Department of Physics and Centre for Research, Baselius College Kottayam had conducted Onam celebration on **24/8/2023**. The highlight of the event was an exciting Thiruvathrakali performance by the MSc students. Their graceful movements and synchronized steps depicted the essence of Kerala's folk-dance tradition, captivating the audience with every beat. The D1 students enchanted the audience with their spirited rendition of Nadanpattu, traditional folk songs that echoed the spirit of rural Kerala. Their lively performance infused the celebration with energy and enthusiasm. Following the fascinating performances, students and teachers alike gathered to partake in the grand Onam Sadhya, symbolizing the essence of communal harmony and togetherness.





Fresher's day on 21/8/2023 AN

Beats, the physics Association organized a Freshers Day party for the new batch of D1 and M1 students. The event was held in Mini Auditorium at self-financing Block at 1 PM, and the students participated in various activities and games to help them get to know each other.

The event began with a welcome speech by the Association teacher in charge. Dr. Sindu Jones, HoD of the Department of Physics felicitated the gathering. Following

the welcome address, the students were divided into groups, and each group participated in a series of ice-breaking activities. The activities were designed to help the students get to know each other and learn more about their shared interests and hobbies. It was a venue for cultural activities by the students where they danced and sang songs. Food and refreshments were provided.



Farewell Function to Dr. Sindu Jones

The Department of Physics at Baselius College organized a heartfelt farewell event for Dr. Sindu Jones, the Head of the Department, who has been appointed as the Principal of Catholicate College, Pathanamthitta. The event celebrated her contributions and achievements and expressed support for her new role. The event began with a warm welcome by Association teacher in charge and the meeting is presided over by Linju Ann Jacob, highlighting Dr. Sindu Jones' remarkable journey and achievements during her tenure at Baselius College. All the teachers from the Physics Department felicitate Dr. Sindu Jones, sharing their experiences and expressing their appreciation for her leadership, mentorship, and dedication. Students presented her with a thoughtful gift as a token of their gratitude and appreciation. The gift was accompanied by heartfelt messages and best wishes for her new role. Dr. Sindu Jones addressed the gathering and shared her experiences and giving thanks to all for this wonderful occasion.



Valedictory of Association and farewell to final year students.

2.4 Extension/Outreach Programme Organised

Summary :

Sl No	Title of the Programme	Nature of the programme	No. of participants
1.	A day with the kids at Govt. UP school , Muttambalam	An extension Program	All the students in the school



In celebration of International Moon Day, an extension program "A Day with the Kids" was organized at Government UP School, Muttambalam. The event aimed to foster an interest in science among the students, with a particular focus on lunar

exploration. The program featured a variety of engaging activities, including a skit, a traditional song performance, a storytelling session, and a quiz competition. The Headmistress of the school welcomed all, setting a positive tone for the day's events.

Dr. Sindu Jones HOD, delivered an inspiring introduction message, emphasizing the significance of science and the importance of scientific curiosity and exploration.

First year degree students performed a skit that creatively depicted the history and milestones of lunar missions. The skit highlighted significant missions, such as Apollo 11, which first landed humans on the moon, and recent advancements by various space agencies. Krishnendu of M.Sc. Physics performed a traditional folk song related to the moon. Jaison of MSc Physics narrated the developments in moon exploration through an engaging story. His narrative included key events such as the launch of Sputnik, the Apollo missions, and future lunar exploration plans by various countries. The storytelling format made complex scientific concepts accessible and exciting for the young audience.

A quiz competition focused on various aspects of the moon was conducted for the students. The students participated enthusiastically, showcasing their knowledge and eagerness to learn more about space science. To encourage and reward participation, gifts were given to the winners of the quiz and other activities.

The interactive and diverse activities ensured that the students remained engaged and motivated throughout the day. Positive feedback was received from both teachers and students, who appreciated the creative and educational approach of the program.



2.5 Skill Development Programme/ Courses Organised

Summary :

Sl No	Title of the Programme	Nature of the programme	No. of participants
1	"Shine On: LED Creations Unveiled"	Intra department	

As a part of the National Energy Conservation Day, a two-day workshop titled "Shine On: LED Creations Unveiled" was organized by the association on December 14-15, 2023. Dr. Boni Samuel, Assistant Professor of Electronics, Nirmala College, Muvattupuzha served as the resource person.

The workshop commenced with an inaugural ceremony featuring Dr. Linju Ann Jacob, the Head of the Department of Physics, who emphasized the vital importance of energy conservation. Dr. Bony Samuel passionately highlighted the pivotal role that LED technology plays in realizing sustainable energy goals.

Students were divided into small groups and encouraged to brainstorm unique ideas for Christmas decoration items using LED components. Facilitators provided guidance and encouraged innovation, helping students to think creatively and practically. Each group discussed their ideas, refined their concepts, and prepared preliminary designs for their LED decorations. The session ended with groups presenting their concepts and receiving constructive feedback from peers and facilitators.

The second day focused on the practical implementation of the ideas generated on the previous day. Students were provided with LED kits and materials to bring their concepts to life. Throughout the day, students worked collaboratively, sharing ideas and troubleshooting challenges under the guidance of experienced mentors.

In Joyfiesta Baselian Expo- an exhibition cum sale on Christmas Day, organised by the college, the students gets an opportunity to showcase and sell their unique Christmas decoration items within the college premises. The event generated a festive atmosphere as students eagerly presented and marketed their products to students and faculty.

2.6 Certificate Course Conducted, if any : Nil**Summary**

Sl No	Title of the Certificate Course	Number of Students Registered	No. of Students who successfully completed the course

2.7 Student Participation and Achievement – Outside College

Sl No	Name of the Student	Class	Exam	Programme organised by with title of the Programme	Date of the Programme	Nature of achievement (Participation / Position to be specified)	Whether certificate attached
1	Daya Sara Mathew and Keerthika Rajagopal T	M1 Physics		16 th All Kerala Prof. Susan John Memmorial Physics Quiz Competition	21/09/2024	Won third prize in All Kerala Prof. Susan John Memorial Physics Quiz Competition	yes

2	Daya Sara Mathew and Keerthika Rajagopal T	M1 Physics		Quiz competition conducted in connection with PHYSICA 2.0, All kerala academic competitions for college students on 31 October 2023 by St Thomas college Pala.	31/10/2023	Won First prize in Quiz competition	yes
3	Saranya Joy Krishnendu	M2 Physics		Quiz competition conducted in connection with PHYSICA 2.0, All kerala academic competitions for college students on 31 October 2023 by St Thomas college Pala.		Won Fifth prize in Quiz competition	yes
4	Elias Abraham	D3 Physics		University Youth festival		A Grade in Wind Instrument – Western	
5	Zenobius	D2 Physics		University Youth festival		Third with A grade in Clay Modelling	
6	Uthara Vinu	D1 Physics		University Youth festival		A Grade in Thiruvathira	
7	Aneena Rajendran	D1 Physics		University Youth festival		University Youth festival - A Grade in Thiruvathira	
8	Jewel Mariam Jose	D1 Physics		University Youth festival		University Youth festival - A Grade in Thiruvathira	
9	Aswini Krishna S	D1 Physics		University Youth festival		University Youth festival	

						- A Grade in Thiruvathira	
10	Nanditha Pradeep	D2 Physics		University Youth festival		University Youth festival - A Grade in Margamkali	
11	Aparna Satheesan , Kishore S	M2 Physics		Quiz PHYSICA 2.0 ,All Kerala Academic Competitions for School and College Students by Department of physics , ST. Thomas College , Palai		Participation	
12	Sona Sara Sanu	M2 Physics		Elocution- PHYSICA 2.0 ,All Kerala Academic Competitions for School and College Students by Department of physics , ST. Thomas College , Palai		Participation	
13	Sona Sara Sanu, Kishore S	M2 Physics		Seminar on Advances in LED Lighting in KSEB , Kerala State Annual Conference	23/9/2023	Paper presentation	
14	Jaison Sabu G, Vijith A V	M2 Physics		All Kerala Inter Collegiate General Quiz Competition by Assumption College Autonomous Changanaserry	14/02/2024	Participation	

15	Keerthika Rajagopal and Daya Sara	M1 Physics		Prof. S L Thomas memorial intercollegiate Quiz competition by the Dept. of Physics, S B College Changanassery.	15/02/2024	Participation	no
16	Sreelakshmi and Jissa Varughese Vineetha and Keerthika Rajagopal	M1 Physics		All Kerala Inter Collegiate General Quiz Competition by Assumption College Autonomous Changanaserry	14/02/2024	Participation	no

(Softcopy of certificates to be attached)

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

1. Value added course- Mathematical foundation for Physics- A support for slow learners

A value-added course titled "Mathematical Foundation for Physics" was organized for D2 and D3 students who need additional support in mathematics. The class was conducted by Ms. Sreevidya Ashokan and focused on essential mathematical concepts from the higher secondary level that are crucial for understanding and excelling in physics. Ms. Sreevidya Ashokan, an expert tutor in mathematics, took the lead in conducting the workshop. Her extensive experience and approachable teaching style set a positive tone for the session. The workshop was well-received by the students, many of whom found the review of basic mathematics extremely helpful.



2. Conducted a live telecasting of Chandrayan -3 soft landing at AP Mani Media Centre.

A live telecasting event for the Chandrayaan-3 soft landing was organized at the A.P. Mani Media Centre, Baselius College on 23/08/2023. The event was attended by teachers and students from all departments, celebrating a significant milestone in India's space exploration efforts. The event began with a welcome address by Dr. Sindu Jones, HOD of Physics highlighting the significance of Chandrayaan-3 and its mission objectives.

The A.P. Mani Media Centre provided excellent audiovisual facilities to ensure a clear and engaging viewing experience. The audience watched as the spacecraft approached the lunar surface, with live commentary explaining the critical phases of the landing. Teachers and students appreciated the opportunity to witness a historic moment in real-time, enhancing their interest in space science and technology.



3. Study Tour and Industrial Visit

Department of Physics of Baselius College organized study tour and industrial visit to Ramoji Film city and Birla Science Centre, Hyderabad for final year B.Sc. students on 2nd to 6th February 2024.

Number of Participants: 12 Faculty Coordinator: DR. LINJU ANN JACOB and Anisha Mary Mathew



4. Lab visit at School of Pure and Applied Physics (SPAP) at MG University

The Department of Physics at Baselius College organized a lab visit for postgraduate students to the School of Pure and Applied Physics (SPAP) at MG University. The visit, conducted on February 20, 2024, aimed to provide students with practical exposure to advanced physics research and laboratory techniques. Faculty members and researchers interacted with the students, explaining the principles and applications of the equipment and techniques being used. This provided the students with a deeper understanding of the practical aspects of their theoretical studies.

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Teacher-in-charge of the club

xx

General Co-ordinator- Club Activities

Appendix