

REPORT OF THE ACTIVIES OF THE SCIENCE CLUB FROM JUNE 2022 TO NOVEMBER 2022

Science club aims to inculcate scientific attitude among students. It help the students to understand the recent developments in science, technology and research. The details of the programmes conducted in the academic year 2022-2023 is described here. The details were uploaded in the official website of the college under “Club Activities”.

1.INAUGURATION OF THE SCIENCE CLUB ACTIVITIES OF THE ACADEMIC YEAR 2022-23 and Student Lecture series(day-01)

The science club activities of the academic year 2022-23 is inaugurated by Dr. Nisha NG, Assistant Professor Department of Physics, Govt. College for Women, Thiruvananthapuram on 15th September 2022 at 10.30 am. Principal Dr.Alex. L presided the meeting and Dr.Gladston Raj, Dr.Resmi VK delivered felicitations. After the inaugural session the chief guest, Dr. Nisha NG delivered a lecture on different career opportunities and higher education opportunities available for science graduates. It really motivated our students and after the session students get a through idea about the entrance test and scholarships available.

As part of promoting advanced learners in the science department we are conducting a Student lecture series. The aim of the session is to encourage science reading, to make the them aware of the advance research topics and the advancements in field of science and technology. This helped the students to emerge themselves as resource personas deliver lecture on different topics. The details of the student lectures given below

Aravind Krishna (S5 PCA)-The Mystery of Gravitation

Mohammed Thoufeeq (S5 PCA) - Time dilation

MidhunS P (S5 PCA)

92 students from PCA and Maths department participated in the programme.

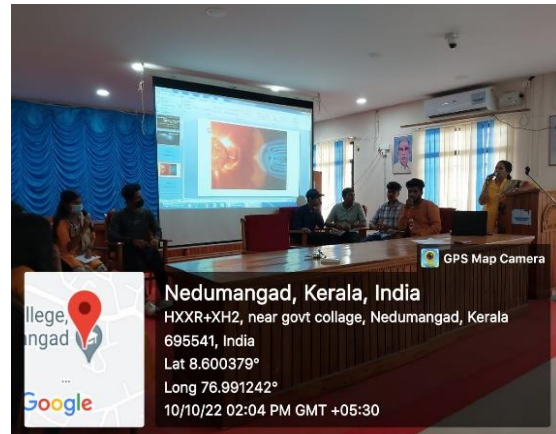
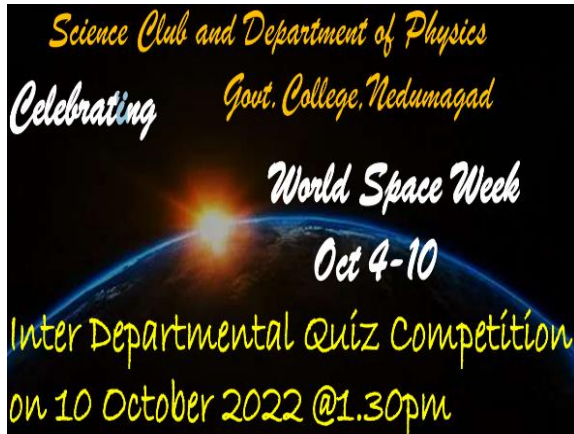


PROGRAMME SCHEDULE	
15 September 2022 at Seminar Hall	
Inauguration	
10:30 am - 11:00 am	
Welcome Address	: Smt.Nayana Madhu, Assistant Professor, Department of Physics
Presidential Address	: Dr.Alex L, Principal, Government College, Nedumangad
Inauguration	: Dr. Nisha N.G., Assistant Professor, Department of Physics, Government College for Women, Thiruvananthapuram
Felicitation	: Dr.Siadston Raj S, HOD, Department of Computer Science
Vote of Thanks	: Smt.Soumya M.S, Coordinator, Science Club
Keynote Address	
11:15 - 12:30 pm	
<i>Career Options after Graduation in Science</i>	
Dr. Nisha N.G., Assistant Professor, Department of Physics, Government College for Women, Thiruvananthapuram	
Student Lectures series	
1:30 pm to 3:30 pm	
Lecture1	: Mr.Aravind Krishnan R S, S5 PCA "The Mystery of Gravitation"
Lecture2	: Mr.Muhammed Thaufiq, B.S, S5 PCA "Time Dilation"
Lecture3	: Mr.Midhun P Nair, S5 PCA "Basic Science of Sustainable Development"



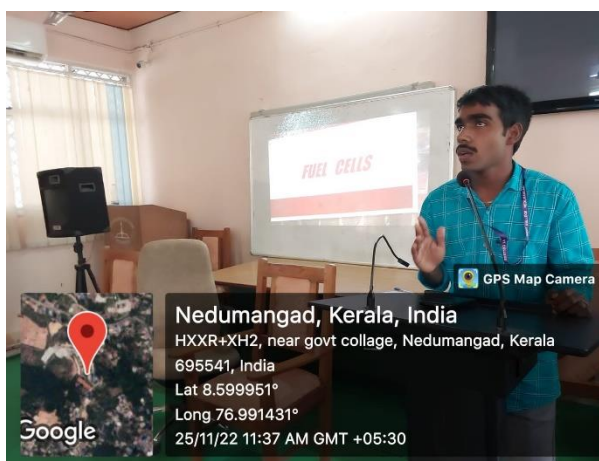
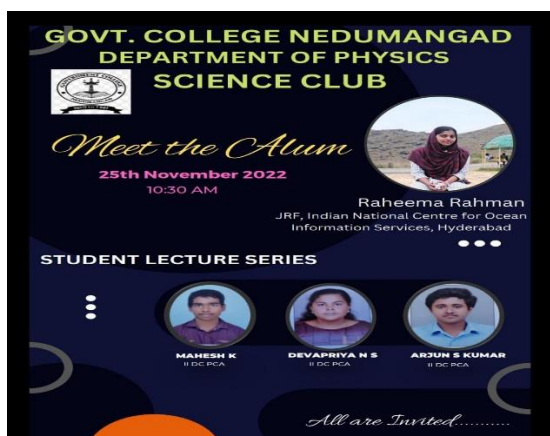
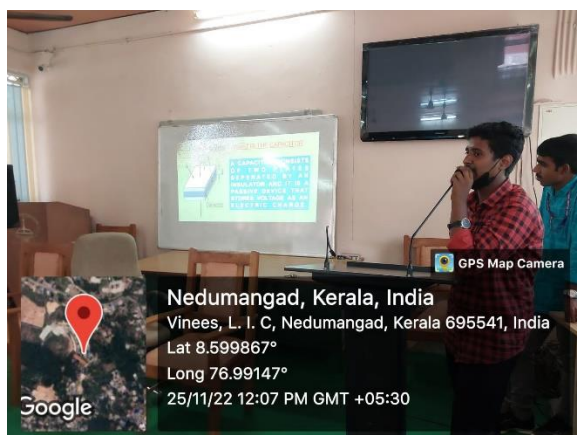
2.WORLD SPACE WEEK CELEBRATIONS

Every year World space week is celebrated from October 4 to October 10. World Space Week aims to **help people gain a wider knowledge about space outreach and education**. This helps people around the globe understand what benefits they can receive from space and how they can use space for sustainable economic development. It also aims to celebrate and show public support for space programs. A quiz competition on Space explorations is conducted on 10 October 2022. Mrs. Soumya MS, Science club coordinator was the quiz master. Five teams participated in the final round. Adithya S and Adithyan Pradeep of S3PCA bagged first prize.



3.MEET THE ALUM AND STUDENT LECTURE SERIES(day-02)

Ms.Raheena Rahman 2015-2018 batch student, currently doing research at Indian National centre for ocean Information Service, Hyderabad addressed the meeting. She shared her experiences and explained how the students can get an admission in National Institutes. After the interaction session, the student lecture series programme continued for day02. Mahesh k,Devapriya and Arjun from s3 PCA took the lectures on the topics Fuel Cells, Artificial Intelligence and Super Capacitor respectively.



4. OBSERVANCE OF INTERNATIONAL DAY OF WOMEN AND GIRLS IN SCIENCE

Science Club, Govt. College Nedumangad observed International Day of Women and Girls in Science in association with Break through science Society ,Trivandrum Chapter on 24 February 2023. Dr.Jayanthi S ,Associate Professor of Physics ,IIST,TVM delivered a talk on this occasion. She discussed the contribution of women scientists and motivated our students to achieve their goal. PhD students of Dr.Jayanthi S also attended the meeting. 32 students from different departments attended the function

<p>Observance of International Day of Women and Girls in Science</p> <p>Talk on Women in Science</p> <p>Dr. Jayanthi S. Department of Physics Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram.</p> <p>Organised by Breakthrough Science Society Trivandrum Chapter Science Club, Government College, Nedumangad, Trivandrum</p> <p>24th Feb, 2023 10:30 am</p>	 <p>Venue Government College, Nedumangad Trivandrum</p>
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ACTION PLAN OF THE SCIENCE CLUB ACTIVITIES FOR THE NEXT ACADEMIC YEAR 2023-2024

1. Mathematics day celebration

December 22nd marks the birth anniversary of the legendary mathematician Srinivas Ramanujan. We plan to conduct a mathematics quiz competition in connection with the celebration of mathematics day.

2. National Science day

National Science Day is celebrated on 28 February each year to mark the discovery of the Raman effect by Indian physicist Sir C. V. Raman on 28 February 1928. As part of celebrating science day, plan to conduct a science exhibition. This will help the students to use their scientific knowledge and will bring our innovative ideas from their brain.

3. We plan to continue student lecture series in the next academic year also.