

REPORT
on
FISICA FEST- PHYSICS EXPO

On 23th and 24th January ,2024 @10:30am, Grace Valley College

Organised by **POTENCIA PHYSICS CLUB**

Grace valley College of Arts & Science, Maravattam



Grace Valley
COLLEGE OF ARTS & SCIENCE

Recognized by Government of Kerala
Affiliated to the University of Calicut

Wadi Rahma, Maravattam, Chengottoor P.O.
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FISICA FEST PHYSICS EXPO

Organised by Potencia physics Club

On 23th and 24th January, 2024

PROGRAM BROCHURE

Time: 10:30 am to 3:30 pm

CLUB POTENTIAL




EXHIBITION

FISICA FEST PHYSICS EXPO

23-24 JANUARY 2024

PO DEPARTMENT OF PHYSICS
Grace Valley College of Arts and Science, Maravattam

About the Program

Physics is the cornerstone of understanding the natural world. It provides the tools to comprehend everything from the smallest particles to the vast expanses of the cosmos. By delving into the principles that govern our reality, students gain a profound insight into the underlying mechanisms of the universe.

Embark on a journey of exploration as we unveil the mysteries of the universe through captivating exhibits, interactive displays, and thought-provoking demonstrations. Discovering the Wonders of Physics is not just an exhibition; it's an opportunity to delve into the fundamental principles that govern our existence.



Michael Faraday

Electricity

- Ohm's law
- Factors affecting Resistance
- Series-Parallel connection
- Electromagnet
- AC-DC
- Practical demonstration using CRO
- Watt's Bulb demonstration using CRO
- Generator (Skit model)
- Compass

Galileo Galilei

Astronomy

- Day Night and Eclips Demonstration
- Planet Hologram
- Satellite imaging



William Gilbert

Magnetism

- Magnetic induction
- Magnets field lines
- Magnetization
- Relation of a coil using magnet
- Tidal coil
- Magnetic induction Train
- Earth as a magnet
- Types of magnets



Games

Welcome to the Physics Fun Games Series - a thrilling fusion of entertainment and education that turns the principles of Physics into an exhilarating adventure. Our series of games are designed to captivate players of all ages, offering a playful way to explore and apply the laws of Physics in a dynamic and engaging environment.

Quiz

Are you ready to put your Physics knowledge to the ultimate test? Join us for an exhilarating journey into the fascinating world of Physics with our exclusive Physics Quiz Series. Whether you're a seasoned Physics enthusiast or just starting your exploration of the subject, this series is designed to challenge, educate, and ignite your passion for scientific inquiry.



About the Department of Physics

The Physics Department is dedicated to fostering a deep understanding of fundamental principles to outer circle of the campus life. Students benefit from well-equipped labs, encouraging a practical approach to theoretical concepts. Research based learning approaches, collaborative projects, and a supportive learning environment define our commitment to advancing knowledge in Physics.



About the College

Grace Valley College of Arts & Science at Wadrastram, Maravattam, Chengottoor P. O., Maravattam, Kerala, India, was established in 2006 as a self-financing Arts & Science College under the management of GRACE VALLEY TRUST. The college was started in 1972. At present the college have night under graduate programmes: B.Com, BBA, B.Sc. Physics, B.A., BA English, B.A Foreign Trade, B.Sc. Chemistry and two post graduate programmes - M.Sc. Physics and M.Sc. Chemistry. The college provides healthy and congenial atmosphere for the moral and academic development of the students.

Contact Us

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Mr. K. Mahesh Kumar
94009 42494
Coordinator
Ms. Sruja P Assistant Professor, Department of Physics
91072 99674



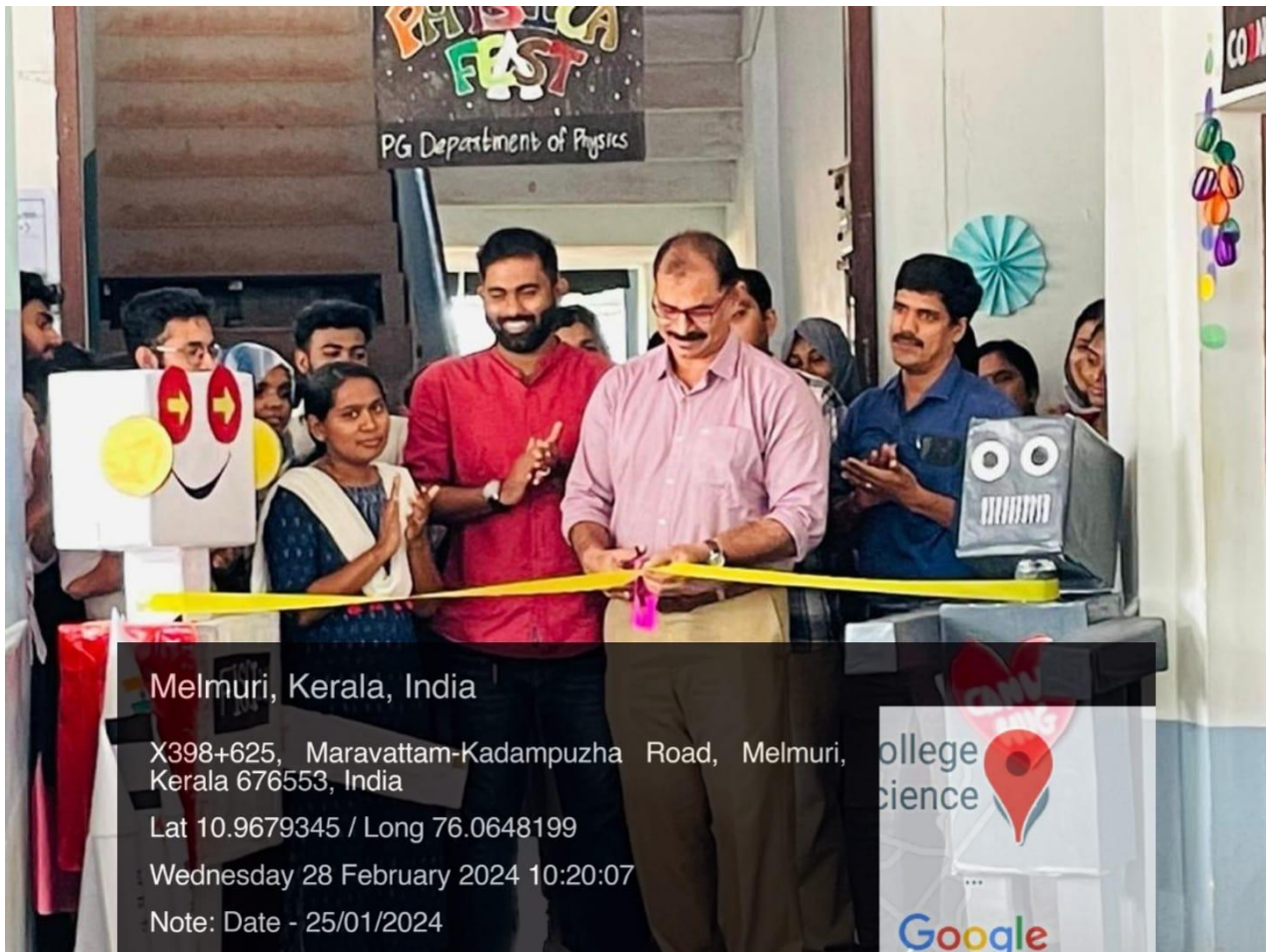


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The Fisica Fest - Physics Expo organized by the Potentia Physics Club at Grace Valley College on January 23-24, 2024, emerged as a stellar showcase of scientific curiosity, innovation, and knowledge. The event drew significant attention from nearby highschool students, as well as the college community. The principal inaugurated the Physics Expo, commending the Potentia Physics Club for their initiative in promoting scientific awareness. The event featured an array of stalls, each presenting diverse aspects of physics through interactive exhibits, experiments, and demonstrations. Students and visitors eagerly explored the stalls, marveling at the ingenuity and creativity displayed by the Potentia Physics Club. Stalls covered various

physics phenomena, with interactive displays and hands-on experiments captivating the audience. The event ended with an exciting quiz competition, engaging both high school students and college participants. The questions covered a spectrum of physics topics, testing the participants' understanding of the subject they are shown in the stall, included a prize distribution ceremony, where winners of the quiz competition



Melmuri, Kerala, India

X398+625, Maravattam-Kadampuzha Road, Melmuri, Kerala 676553, India

Lat 10.9679345 / Long 76.0648199

Wednesday 28 February 2024 10:20:07

Note: Date - 25/01/2024







PG DEPARTMENT OF PHYSICS
GRACE VALLEY COLLEGE OF ARTS &
SCIENCE MARAVATTAM

Registration Form

Sl No.	School Name	Number of Student's		Name of Teacher	Phone Number	Sign
1.	AKM HSS KOTTLOOR	8	46	Muhammed Refecium	9526687511	
		9	15			
		10	—			
2.	Grace Valley Public School. Maravattom.	8	22	Ranjeev AR	7594921162	
		9	15			
		10	26			
3	PMSA PTM HSS VETTICHIRA	8	30	Nija.k.	9846053370	
		9	—			
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