



**Grace Valley**  
**COLLEGE OF ARTS & SCIENCE**

Recognized by Government of Kerala  
Affiliated to the University of Calicut

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## **REPORT**

On

***“Talk On : Gravity – The Mapping Of Universe And Skywatch As The Part Of  
Day – Night Conference on Physics”***

On 15<sup>th</sup> January 2024 At 6:00 pm

Organized By Department Of Physics

Grace Valley College Of Arts & Science, Maravattam



**“Talk On : Gravity – The Mapping Of Universe And Skywatch As The Part Of Day – Night  
Conference on Physics”**

Organized BY Department Of Physics

On 15<sup>th</sup> January 2024

**PROGRAM NOTICE**



 **Grace Valley College of Arts & Science**  
(Recognized by Government of Kerala, Affiliated to University of Calicut)  
Wadirahma, Maravattam, Malappuram, Kerala

## Day - Night conference on Physics

15th January, 2024

**Inauguration**

**Dr. CP Ayyoob Keyi**  
*Hon. Principal  
Grace Valey College of Arts & Science*

**Sri. Manoj Kottakkal**  
*Scholar in Astronomy &  
National award winner as  
Best Teacher*

**Dr. Musammil NM**  
*Assistant Professor, School of  
Physical Science, University of  
Calicut*

**Programs :**

- ▶ 9.30 am : Inaugural Session
- ▶ 10.00am : Talk on Physics Nobel Prize topic 2023 by Dr. Musammil NM
- ▶ 2.00 pm : Paper presentations
- ▶ 6.00 pm :Talk on : Gravity - the mapping of universe by Mr. Manoj Kottakkal
- ▶ 7.00 pm : Sky Watch

 **POTENCIA Physics Club**  
PG Department of Physics  
Grace Valley College of Arts & Science



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Wadirahma, Maravattam, Malappuram, Kerala

15 January 2024



# Sky Watch

Star Gazing and Astronomy:  
A Night to Remember



Lead & Discussion on:  
**Gravity : The Mapping of Universe**  
by **Sri. Manoj Kottakkal**  
( Scholar in Astronomy & National Award  
Winner as Best Teacher )

@potenciagvc

Join us  
**Don't miss**



The Department Of Physics of Gracevalley College Of Arts & Science , Maravattam organized a talk on “Gravity The Mapping of Universe” and skywatch on 15<sup>th</sup> January, 2024. The prime motive behind conducting such a program is to generate enthusiasm in students to explore the areas of astronomy and astrophysics. The program started with a welcome speech delivered by Mr K M Khaleel, HOD Physics. The honored Resource person, Mr Manoj Kottakkal, then gave an insightful lecture on the evolution of science and gravity, the history of astronomy and how gravity is used as a probe to map the universe from its origin. The skywatch was started at 10:pm by observing the Moon and Jupiter. The discussions were extended to The Planes of solar system, some prominent constellations, the star Sirius etc.. This program was attended by UG, PG students of Physics, and Faculties of Department. At the end of the program, the Participants were delighted to learn baffling facts about the universe and further advancements in the field of gravity.



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