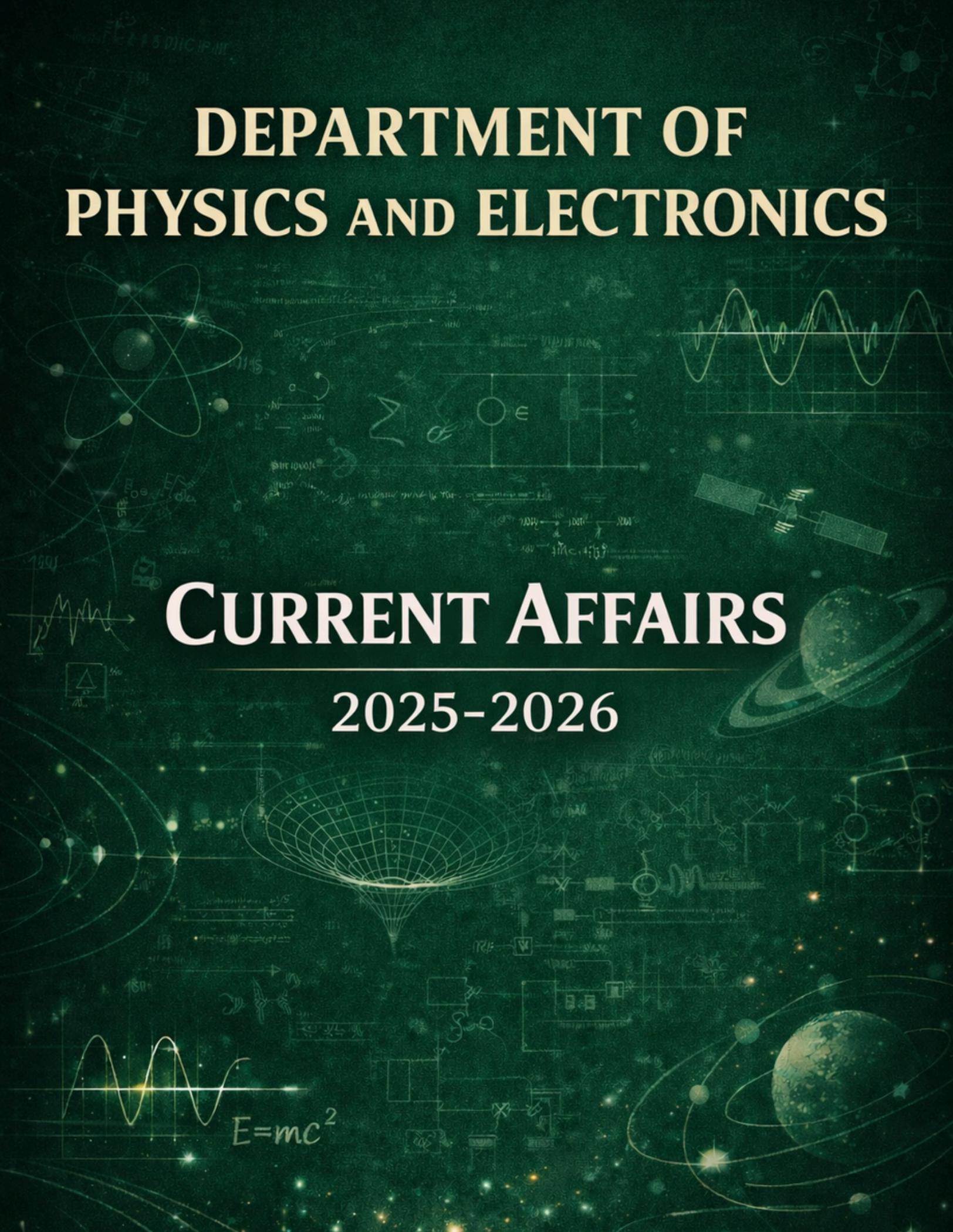


DEPARTMENT OF PHYSICS AND ELECTRONICS



CURRENT AFFAIRS

2025-2026

$E=mc^2$

NOBEL LAUREATES IN PHYSICS 2025



John Clarke

John Clarke helped demonstrate quantum behavior in electrical circuits by developing extremely sensitive superconducting devices known as SQUIDs.



Michel H. Devoret

Michel H. Devoret made important contributions to superconducting quantum circuits, showing that electrical circuits can display quantum effects such as energy quantization and tunnelling.



John M. Martinis

John M. Martinis made key contributions to superconducting quantum circuits, helping demonstrate controlled quantum behavior in electrical systems and advancing quantum computing research.

ORIENTATION SESSION 6th August 2025

ST. ANN'S COLLEGE FOR WOMEN
(Autonomous) Affiliated to Osmania University
Accredited & Grade 'B' by NAAC and OQS, CPE by UGC
Mehdipatnam, Hyderabad - 500028.

Department of Physics & Electronics
is conducting
Orientation Session
A special academic welcome for our freshers!

Kickstart your Physics journey with light, logic, and limitless possibilities!

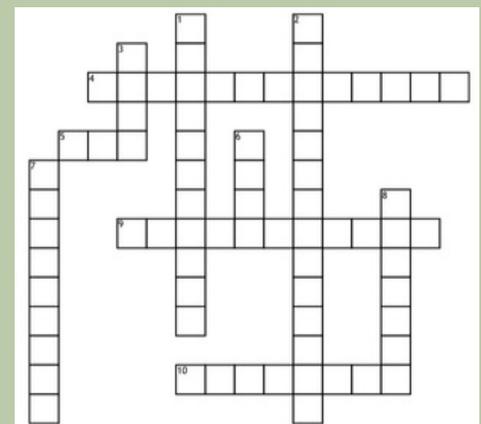
📅 6th August 2025
🕒 9:00 a.m - 10:30 a.m
📍 Dieckmann Hall

Registrations are open now!
Scan the QR or click the link below to register!
<https://forms.gle/Yeua9nrl5Qw5w0w0>

Don't miss out!



WORD SEARCH



Across

- an eclipse in which the sun is obscured by the moon
- The sun is the largest object in the solar system
- the sun and all the planets that orbit it
- Gravitationally bound collection of a large number of stars

Down

- small galaxy containing a few million stars

2. A spiral galaxy in which the sun resides

- A small body in orbit around the planet
- A glowing ball of gas held together by its own gravity
- A black hole is a place in space where gravity pulls so much that even light can't get out
- changes in average temperature and length of day that result from the tilt of Earth's axis

NATIONAL SPACEDAY-ONLINE QUIZ

23rd August, 2025



ST. ANN'S COLLEGE FOR WOMEN
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Accredited 'A' Grade by NAAC (4th Cycle), CPE by UGC
Chrome PDF Viewer - To exit Fullscreen Press Esc

DEPARTMENT OF PHYSICS & ELECTRONICS
presents
INTERCOLLEGIATE ONLINE QUIZ COMPETITION
on the occasion of National Space Day

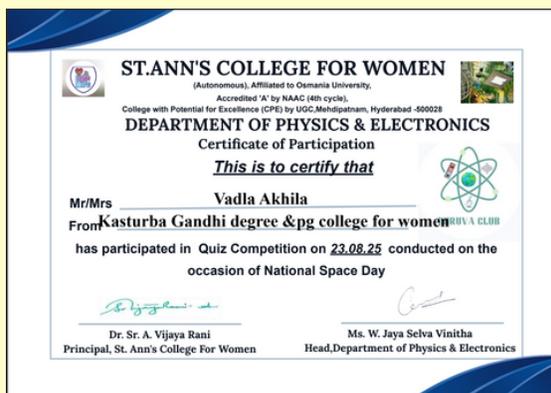
📅: 23rd August 2025

👤: Open to all college students

🏆: E-certificates for winners

🔗: <https://forms.glu/Xa54t32kPPLQHX1a6>

Unleash your knowledge, reach for the stars!



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College with Potential for Excellence (CPE) by UGC, Medak, Hyderabad - 500028

DEPARTMENT OF PHYSICS & ELECTRONICS
Certificate of Participation
This is to certify that

Mr/Mrs Vadla Akhila
From Kasturba Gandhi degree & pg college for women RIVA CLUB
has participated in Quiz Competition on 23.08.25 conducted on the occasion of National Space Day

Dr. Sr. A. Vijaya Rani
Principal, St. Ann's College For Women

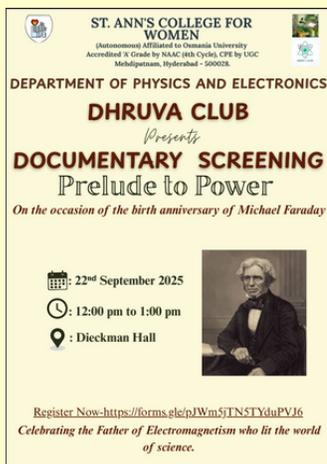
Ms. W. Jaya Selva Vinitha
Head, Department of Physics & Electronics

DID YOU KNOW ?

Time passes at a different rate in space. Due to gravitational time dilation, clocks aboard satellites tick slightly faster than those on Earth — an effect that must be corrected for GPS systems to function accurately.

DOCUMENTARY SCREENING

22nd September, 2025



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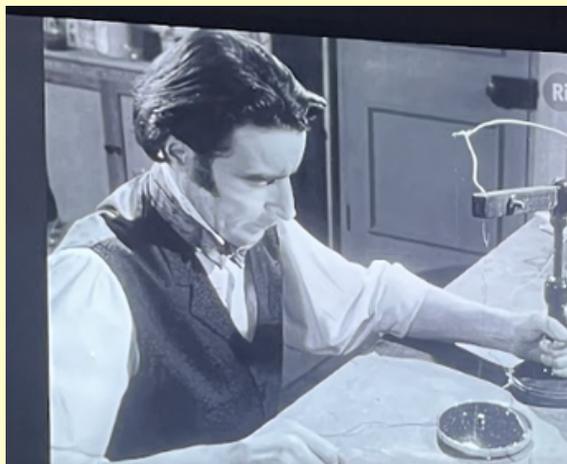
DEPARTMENT OF PHYSICS AND ELECTRONICS
DHRUVA CLUB
Presents
DOCUMENTARY SCREENING
Prelude to Power
On the occasion of the birth anniversary of Michael Faraday

📅: 22nd September 2025

🕒: 12:00 pm to 1:00 pm

📍: Dieckman Hall

Register Now-<https://forms.gle/pJWm5jTNSYduPV16>
Celebrating the Father of Electromagnetism who lit the world of science.



FUN FACTS

- The Sun converts million tons of mass into energy every second.
- On a clear day, a beam of sunlight can be reflected off a mirror and seen upto 25 miles.
- Because of differences in gravity, a 220 pound person would weigh 84 pounds on Mars.
- Light travels around 900,000 times faster than sound.

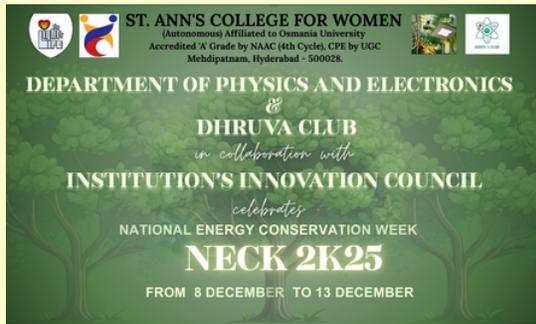
NATIONAL ENTREPRENEURSHIP DAY

8th November, 2025



NATIONAL ENERGY CONSERVATION WEEK

8th – 13th December, 2025



RIDDLE

Q: Why does a charged particle never feel lonely?

A: Because it's always got attraction or repulsion

WORKSHOP ON ROBOTICS AND AI

28th January 2026



DHRUVA CLUB CABINET

2025-2026

- **President** - Kulsum Fatima
- **Vice President** - Ankitha Mohite
- **Secretary** - Sharon Isaac
- **Treasurer** - Akanksha Patlolla
- **Event Managers** - Mamta Biradar
Angela Mary
- **Public Relations Officers** - E. Jeshwitha
D. Roshini
- **Membership Coordinators** - P. Ruthika
Pallavi Kancharla
- **Digital Communication Officers** - Sana Kabir
Maheeba Fatima
- **Research & Development Officer** -
Varsha Daaram