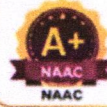




MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS)

VANIYAMBADI, TIRUPATTUR DT - 635 751

- ✓ Recognized u/s 2(f) & 12(B) of UGC Act 1956
- ✓ Permanently Affiliated to Thiruvalluvar University
- ✓ Supported by DST - FIST | DBT STAR College Scheme



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



PG & Research Department of Physics *organizes*

Guest Lecture on

Mysteries of Space

Supported by

DBT STAR COLLEGE SCHEME



Date :
24.09.2026



Venue :
Sri Roop Rajat AV Hall

Resource Persons



Mr. S. Surendharnath

Research Assistant, Vainu Bappu Observatory,
Indian Institute of Astrophysics, Kavalur



Topic: Recent Advancements and Future Missions in
Astronomy and Space Science



Time: 10.00 am - 12.30 pm

Mr. S. Raghavan

Founder & CEO
Astreva Aerospace India PVT. LTD



Topic: The New Space Era



Time: 1.30 pm - 2.30 pm



PRINCIPAL

Sri. V. Dilip Kumar Jain
President

Sri. Anand Singhvi
Secretary

Dr. M. Inbavalli
Principal

Dr. M. Gomathi
DBT STAR College Scheme
Coordinator

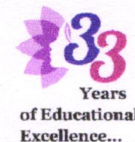
Dr. P. Praveena
Head



MARUDHAR KESARI JAIN COLLEGE

FOR WOMEN (AUTONOMOUS), VANIYAMBADI

PG & RESEARCH DEPARTMENT OF PHYSICS



AGENDA

Guest Lecture on "Mysteries of Space" (Supported by DBT STAR College Scheme)

DATE: 24.09.2026

TIME: 10:00 A.M.

VENUE: Sri Roop Rajat AV Hall

Prayer Song

:

Welcome Address

: M.Rasika (II-M.Sc Physics)

Felicitation

: Dr.M.Inbavalli
Principal
Marudhar Kesari Jain College for Women(A)
Vaniyambadi.

Chief Guest Introduction

: Vanmathi.P (I-M.Sc Physics)

Chief Guest-I

: Mr. S. Surendharnath,
Research Assistant,
Vain Bappu Observatory, IIA, Kavalur.

AFTERNOON SESSION - 1.30 PM to 2.30 PM

Chief Guest-II

: Mr. S. Raghavan,
Founder & CEO,
Astreva Aero space India PVT. LTD.

Vote of Thanks

: Pavithra.C (II-M.Sc Physics).

National Anthem

:

*** ALL ARE CORDIALLY INVITED ***

Handwritten signature in green ink.

PRINCIPAL
Marudhar Kesari Jain College
for Women (Autonomous)
Vaniyambadi - 635 751.
Tirupattur District



MARUDHAR KESARI JAIN

College for Women (Autonomous), Vaniyambadi



Activity Report

Topic/ Subject of the Activity: Guest Lecture on Mysteries of Space

Date: 24 September 2026

Time: 10.00am - 12.30pm & 1.30pm- 2.30pm

Venue: Sri Roop Rajat AV Hall

Resource Persons

Mr. S. Surendharnath
Research Assistant,
Vainu Bappu Observatory,
Indian Institute of Astrophysics, Kavalur,

Mr. Raghavan,
Founder & CEO
Astreva Aerospace India PVT.LTD

Objectives (Input)

The programme aimed to introduce students to the mysteries and major phenomena of outer space, recent developments in astronomy and space science, and upcoming space missions. It also sought to stimulate students' interest in **astronomy, astrophysics, and space research**, while creating awareness about emerging technologies and career opportunities in the space sector. The programme further encouraged students to pursue **higher education and research in astronomy, astrophysics, space science, and related disciplines.**

Methodology (Process)

The programme was conducted through an **interactive guest lecture** delivered by an expert in astronomy and space science. The session began with an introduction to the fundamental concepts and mysteries of space, followed by discussions on recent advancements in astronomy and space science and upcoming and future space missions. The resource person used **PowerPoint presentations, visual illustrations, astronomical images, and videos** to explain complex concepts in an engaging and easily understandable manner. The lecture also highlighted emerging technologies and career opportunities in astronomy, astrophysics, and the space sector. An interactive **question-and-answer session** was conducted at the end, allowing students to clarify their doubts and engage in discussions with the resource person.

Finally, the telescope was installed and the students viewed the sunspots using the telescope.

Output

The programme students gained awareness of the **fundamental concepts, mysteries, and major phenomena of space**. Participants were introduced to **recent advancements in astronomy and space science**. Students gained knowledge about **upcoming and future space missions** and developments in space exploration. The lecture provided exposure to **emerging technologies and applications in the space sector**. Students became aware of **higher education, research, and career opportunities** in astronomy, astrophysics, and space science. The use of presentations, astronomical images, and videos enhanced students' understanding of complex space-related concepts. The interactive session provided students with an opportunity to **clarify their doubts and interact with the expert**.

Outcomes

Through

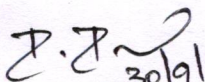
^ The programme students gained a better understanding of **recent developments and future directions in space exploration**. Students became familiar with the **scientific and technological advancements associated with space missions**. The programme enhanced students' awareness of **career and higher education opportunities** in astronomy, astrophysics, space science, and related fields. Students were motivated to explore **research opportunities and emerging technologies** in the space sector. The interactive discussion improved students' **scientific thinking, questioning skills, and understanding of space-related concepts**.

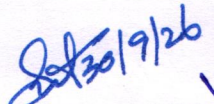
Alignment with Sustainable Development Goals (SDGs)

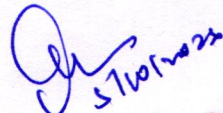
This activity contributes to the following SDGs:

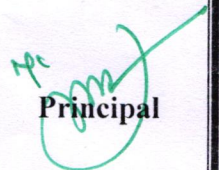
- **SDG 4 – Quality Education:** Promotes quality and inclusive learning by providing students with exposure to astronomy, astrophysics, space science, recent space missions, and emerging technologies through expert interaction and practical observation.
- **SDG 4.4 – Skills for Employment and Entrepreneurship:** Enhances students' scientific knowledge, questioning skills, technological awareness, and understanding of higher education and career opportunities in the space sector.

- **SDG 9 – Industry, Innovation and Infrastructure:** Creates awareness of space technology, scientific innovation, emerging technologies, and advancements in space exploration, encouraging students to engage with innovation and research.
- **SDG 13 – Climate Action:** Develops awareness of the role of Earth observation satellites and space-based technologies in monitoring climate change, weather patterns, environmental changes, and natural resources.
- **SDG 17 – Partnerships for the Goals:** The interaction with an expert/resource person promotes knowledge sharing, academic engagement, and collaboration between educational institutions and experts in astronomy and space science.


30/9/26
Head of the
Department


30/9/26
Dean DBT Star
College Coordinator


5/10/26
IQAC Director


Principal

PRINCIPAL
Marudhar Kesari Jain College
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Vaniyambadi - 635 751.
Tirupattur District



MARUDHAR KESARI JAIN

College for Women (Autonomous), Vaniyambadi

33
Years
of Educational
Excellence...

Topic: Guest Lecture on “Mysteries of Space “Supported by DBT STAR

College Scheme

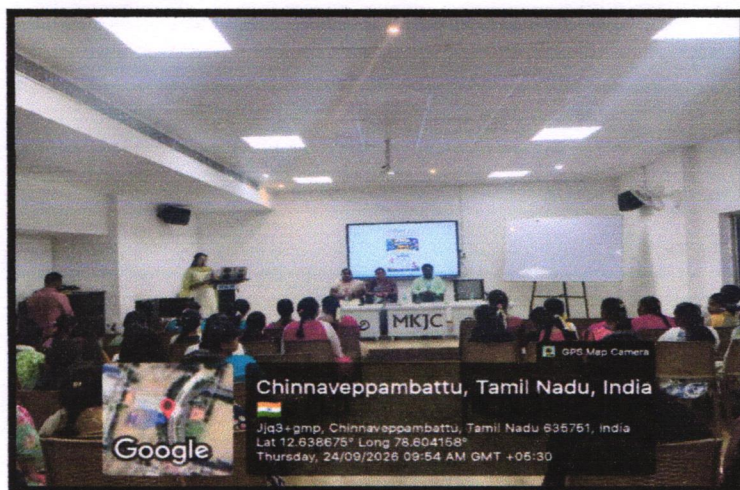
Date: 24.09.2026

Organized by: PG & Research Department of Physics

Venue: Sri Roop Rajat AV Hall



Students exploring solar sunspots through a solar telescope



The Guest Lecturer addressing the students at the beginning of the session.

Principal

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