



WORLD SPACE WEEK 2024

THEME : SPACE AND CLIMATE CHANGE



PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY, HOSAPETE

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Exploring Beyond Boundaries: Inspiring the Next Generation Through Space Science

Proudhadivaraya Institute of Technology (PDIT), Hosapete, in collaboration with U.R. Rao Satellite Centre, Bengaluru, celebrated World Space Week 2024 on **October 5th, 2024**. The event, organized by the Internal Quality Assurance Cell (IQAC) of PDIT, featured a variety of activities aimed at fostering an interest in space exploration and satellite technology among students and the wider community.

The day began Exhibition inauguration followed by formal function, invoking divine blessings with a beautiful prayer song performed by Ms. Srujana Deshpande and her team from the 7th Semester, Computer Science and Engineering Department. Dr. Manjula S. D., Associate Professor, CSE Department & Events Coordinator, WSW-2024, extended a warm welcome to the esteemed dignitaries:

Sri D. R. Veeresh, Scientist-SF, Chandrayaan-4, U.R. Rao Satellite Centre, Bengaluru
- Smt. Farhana Tabassum, Associate Project Director, U.R. Rao Satellite Centre
- Sri Arun Kumar S., Scientist-SG, Section Head, ISRO



- Sri Allum Gurubasavaraj, President, V. V. Sangha, Ballari
- Sri Karibasavaraja S. Badami, Chairman, PDIT, Hosapete
- Dr. U. M. Rohitha, Principal, PDIT
- Dr. Parvati Kadli, Vice-Principal and Program Coordinator, ISRO World Space Week 2024

The formal inauguration took place by symbolically watering a plant, symbolizing growth and new beginnings in space exploration.





GENESIS OF ISRO WORLD SPACE WEEK

Sri. Arun Kumar S., Head of Structure Manufacturing and Production at U.R. Rao Satellite Centre, Bengaluru, provided insights on Genesis of World Space Week and He explained that World Space Week is a global celebration of science and technology, and how it contributes to the betterment of the human condition. Held every year from October 4 to 10, this event commemorates two key dates in space exploration:

1. October 4, 1957 – Launch of Sputnik 1, the first human-made satellite.
2. October 10, 1967 – Signing of the Outer Space Treaty, which serves as the basis for international space law.

Arun Kumar emphasized that ISRO's involvement in this global event aims to inspire the younger generation and raise awareness about India's achievements in space research. By celebrating World Space Week, ISRO encourages students to engage with science and technology, potentially paving the way for future scientists and engineers who will drive space exploration forward.



He also shared details about how ISRO's U.R. Rao Satellite Centre plays a pivotal role in the manufacturing and production of satellite structures, contributing to the success of many space missions. Sri. Arun Kumar's session was well-received, providing attendees with a deeper understanding of ISRO's mission and the role World Space Week plays in spreading knowledge and interest in space science across India and the world.

Members of ISRO presented memento to College Management. Formal Inaugural Programme ended with felicitation of chief guest by College Management and Vote of Thanks by Dr. Parvati Kadli, Vice Principal & Coordinator, WSW-2024



Token of Love to Chief Guests
by
College Management

ISRO: WSW-2024



KEYNOTE TALK: D. R. VEERESH

Sri D. R. Veeresh delivered an insightful session on the operations of U.R. Rao Satellite Centre, providing students with an in-depth understanding of India's space missions. He discussed the roles of communication and navigation satellites like GSAT, Chandrayaan, etc., the intricacies of satellite production, and the collaborative efforts at the Centre. His session inspired students, igniting their interest in space research and India's growing influence in the global space arena. He also emphasized that India's contributions to space exploration have earned it a prominent position on the global stage. Like Google Maps, ISRO also developed "Bhuvan" App which works similar to it. Coming days, GPS will be replaced with the NavIC Chip, he added. He focused on various applications developed by ISRO for the welfare of society.

EXHIBITIONS AND COMPETITIONS



An exhibition was held showcasing models and technologies related to satellite systems and space exploration. The exhibition attracted around 1500 students from various schools and colleges across the Vijayanagara district, including students from hosting college (PDIT). A total of 13 schools and colleges participated, giving students a unique opportunity to learn from experts and view real-world space technology up close.





Various Schools and Colleges in and around District of Vijayanagar(Hosapete) attended the Exhibition and participated in various competitions.

Sl No	School / College participated	No of Participants
1	Smiore Vyasapuri Pre-University College, Hosapete	56
2	TMAE Polytechnic College, Hosapete	51
3	KSPL School, Hosapete	53
4	V. V. Sangha's Independent PU College, Hosapete	100
5	P Lingaiah Memorial School, Munirabad	56
6	Akash International School, Hosapete	58
7	Rose Bud School, Hosapete	50
8	Little Flower English Medium Higher Primary School, Hosapete	54
9	Shaheen PU College, Hosapete	50
10	Deepayan English Medium Secondary School, Hosapete	50
11	Sandur Girls Residential School, Sandur	100
12	M P Prakash School, H B Halli	54
13	Shikshetana School, R S Munirabad	56
14	SBBN B.Ed College, Hosapete	50
15	Hosting College (PDIT)	800



Alongside the exhibition, several competitions were organized for students:

- Memory Test: For students in Classes 5 to 8, testing their retention and processing abilities.
- Pick and Speak: An impromptu speaking competition for students in Classes 8 to 12, where participants discussed topics related to space science.
- Quiz Competition: A quiz on space science and general knowledge, aimed at engaging college students and increasing their awareness of India's contributions to space exploration.

ISRO also presented a “Bhahyakasha Yaana” to all participating schools and colleges, a gesture aimed at extending the educational impact of the event. These books served as valuable resources for students to continue exploring space science and technology long after the event.

Valedictory: Honoring Excellence and Inspiring the Future: A Memorable Conclusion to World Space Week 2024

The program concluded with a valedictory ceremony where ISRO dignitaries were felicitated by the college management. Students provided overwhelmingly positive feedback, expressing their excitement and appreciation for the exhibition and competitions. Many shared that the event had ignited their interest in pursuing studies and careers in space science and technology.

The event was a resounding success, further strengthening the collaboration between PDIT, Hosapete, and U.R. Rao Satellite Centre, Bengaluru, while inspiring the next generation of space scientists and engineers.