

## ISRO SPACE EXPO 2024

Yuvakshetra Institute of Management Studies, in association with IQAC and ISRO organized an EXPO on 27, 28, 29th January in the College Campus. It included various programmes like Planetarium, Solar Gaze, Night Sky Gaze, exhibition and demonstration of various models of Rockets and its parts. The Expo demonstrated the journey of ISRO from its beginning to the successful launching of Chandrayan II. Yuvakshetra Institute of Management Studies (YIMS) hosted an edutainment programme in collaboration with ISRO.

### ISRO SPACE EXPO 2024 -INAUGURATION

The inaugural ceremony of ISRO space Expo 2024 was held at the Basketball Court, Christ Hill on January 27, 2024, at 10.00 am. Sandra Suresh, III B.Com Fin B, was the Master of Ceremony. The program commenced with a prayer led by Keerthana Srikumar, II B. Sc Physics, followed by a warm welcome speech by Dr.Tomy Antony, Principal, YIMS. The Presidential Address was delivered by Rev. Dr. Mathew George Vazhayil, Director, YIMS. The inauguration of ISRO Expo by Mr. Alfred OV, Assistant Collector Palakkad, the Planetarium by His Excellency Mar Peter Kochupurakkal, the Bishop of Palakkad, and the Jubilee Block Expo by Mr. A Prabhakaran, the Hon'ble MLA of Malampuzha Constituency of Kerala. Rev. Dr. Joseph Olikkalkoonal, the Vice Principal of YIMS, and Dr. M. A Suraj, the Vice President of PTA YIMS, felicitated during the programme. Ms. Shylaja Menon, the Coordinator of ISRO Expo' 24, delivered the Vote of Thanks and concluded the event with the National Anthem. The programme provided a platform for insightful discussions and collaborations in the field of space exploration and education.

### PLANETARIUM

As part of ISRO Expo, two Planetarium were stationed inside the campus. It offered a virtual travel through our Universe and explained the theories of formation of Universe from 9.30 am to 7.00 pm on the days of Expo. All the Visitors especially school students gave enthusiastic response for the event.



### SOLAR STAR GAZING

The Department of Physics organized an event “Solar Star Gazing”. The primary objective of the event was to offer students a hands-on opportunity to observe sun. The event took place from 27th to 29th January at YIMS, where students gathered to witness the wonders of the sun through specially equipped telescopes. Faculty members from the Department of Physics, specializing in



astrophysics and solar physics, provided expert guidance throughout the event. Their insights and explanations added colour to the students’ observations, bridging theoretical concepts with practical applications. Specially designed solar telescopes were set up to allow students to safely observe the sun. These telescopes were equipped with solar filters to protect the eyes and provided detailed views of sunspots.

### NIGHT SKY WATCH OF THE MOON

The Department of Physics conducted a “Night Sky Watch of the Moon” through telescopes on 27 and 28 January. The primary objective of the event was to offer students an opportunity to observe the Moon close through telescopes.

### DEPARTMENTAL EXHIBITIONS AND COMPETITIONS

Various Departments of YIMS organized varieties of exhibitions and competitions as a part of the Expo. The Department of Computer Science conducted a Virtual Reality Exhibition in which visitors were given a chance to experience the virtual reality. There was a rush of viewers and the programme continued even after midnight.

The PG Department of Psychology organized an exhibition displaying still models and chart works associated with psychological concepts and competitions like “Mind Maze” and “Psyquest: Test Your Psychic Potentials using psychological apparatus”.

The Department of Geography conducted an exhibition in which the department provided insights into the advancements from descriptive to scientific manner, featuring instruments like Total station, GPS, etc and also provided detailed information about various maps mainly about toposheets highlighting its geographical importance.

The PG Department of English Language and Literature conducted the “Spell Bee” contest and spot commentary competition for the school students.

The Department of Management conducted “Space Artistry” which consisted of models related to astronomical concepts, a vintage car expo in which old model cars and motorcycles were displayed. A competition cum panel discussion and paper presentation “Innotec Symposium” for high school and higher secondary school students was also organised.

The Department of Mathematics conducted an exhibition “Math Vaganza-Where Creativity Meets Logic” which comprised of mathematical still models, working models, mathematical games and puzzles, string arts of geometrical patterns, charts presenting mathematical concepts and geometrical patterns etc.

The Department of Physics, organized a captivating Still and Working Model



Competition, “Sci-craft Expo: Innovations in Working and Still Models” on 27th January, 2024, providing a platform for students from different schools to showcase their models. An illuminating session on “Beyond Our Solar System: An Interactive Tour of Our Universe” by Mr. Vinod Kumar, ISRO Space Tutor, NASA Certified Trainer, and World Robot Olympiad Coach for Team India on 29th January at Sapienza Hall, YIMS was also organized. Solar Star Gazing and Night Sky Watch through telescopes were conducted on 27th and 28th of January, 2024.

The Department of Chemistry conducted an exhibition “Magic of Molecules - Beyond the Test Tube” showcased hands-on experiments and demonstrations in which the wonders of chemical sciences were exhibited. The Department also conducted an essay writing competition on the topic “Interstellar Alchemy- the role of chemistry in space”.

The PG Department of Commerce and its various sections conducted various programmes as part of EXPO. The Finance section hosted a variety of competitions, namely, JAM, Commerce Personality Puzzle and Business Quiz. Virtual trading awareness programme and training were imparted and Commerce business models highlighting the sustainable goal tree were also kept as model for the school students. The Section B.Com Computer Application organized an exhibition named “Tribute to Missile Man of India Dr. .APJ Abdul Kalam” which showcased the life, achievements and contributions of the eminent scientists. The Section B. Com Taxation organized a Tax Avasion Awareness Programme which included educational workshops, guest lectures and interactive sessions, and conducted competitions such as spontaneous story telling, identity challenge and venture vision.



### **FYUGP - FOUR YEAR UNDER GRADUATE PROGRAMME**

YIMS hosted a seminar on the newly introduced Four-Year Undergraduate Programme as per the New Education Policy 2020. The programme started at 11.00 am on 28th January. The inaugural address delivered by Dr. Sudheendran K, the esteemed Research Officer from the Kerala State Higher Education, Reforms Implementation Cell. Rev. Dr. Joseph Olikkalkoonal, Vice Principal, extended a welcome to all the dignitaries and felicitated the Chief Guest for his valuable contribution to the field of higher education. Students and Teachers from various colleges around Palakkad participated. Dr. Sudheendran K highlighted the key features and benefits of the Four-Year Undergraduate Programme, addressing queries and concerns from the audience. Interactive sessions were conducted, encouraging active participation from teachers

and students, fostering a collaborative learning environment.

### DIFFERENT STALLS

At Yuvakshetra Institute of Management Studies, as part of the ISRO Space Expo 2024, a diverse array of stalls showcased various products and initiatives to engage and educate visitors. Medical Camps offered health services and information, ensuring the well-being of attendees. The Kerala Forest Research Institute (KFRI) stall at CH Square provided insights into forestry and conservation efforts. The Entrepreneurship Development Institute of India (EDII) presented stalls featuring handmade ornaments, handicrafts, traditional snacks, honey, vinegar, squash, jam, and millets, promoting local craftsmanship and sustainable practices. Gramika showcased jute products, handmade bags, and millets, emphasizing eco-friendly alternatives. South Sun Thrissur highlighted agro-nursery products, while Global Eco Mart displayed areca leaf products, both emphasizing environmental sustainability. The PSSP stall featured a water conservation live model, raising awareness about water conservation efforts. Additionally, stalls such as Millet Stall by M. James Mundur and NSS Millet Stall promoted the consumption and benefits of millets. The Indian Railways Training Centre (IRTC) stall and the Polytechnic stall offered insights into their respective fields. The Drone Expo and the Automobile Expo featuring vintage cars and bikes presented technological advancements and automotive history. Lastly, the Centre for Indian Medical Heritage Expo provided insights into the rich medical heritage of India. Overall, these stalls collectively contributed to the immersive and educational experience of the ISRO Space Expo 2024, highlighting innovation, sustainability, and cultural heritage.



### VALEDICTORY FUNCTION

Yuvakshetra Institute of Management Studies (YIMS) concluded the ISRO Space Expo 2024 with a grand Valedictory Function held at CH Square on 29th January 2024, at 3.30 pm. Ms. Shylaja Menon, Head, Department of Management and the ISRO EXPO 2024 Programme Convener, delivered a warm welcome speech. Dr. Tomy Antony, Principal, YIMS, delivered the Presidential address by focusing on significance of such Science Expos. Rev Dr. Lino Emmatty, Assistant Director, YIMS, also felicitated the programme. Mementos were distributed to different organisations and individuals who worked hard to make Expo a grand success. The valedictory function was also blessed with the presence of Rev. Dr. Mathew George Vazhayil, Director, Rev. Dr. Joseph Olikkalkoonal, Vice Principal, YIMS. Staff and selected volunteers. Ms. Hema S, Assistant Professor, PG Department of English emceed the programme and prayer song by Ms. Archana Gopan, Asst Prof, PG Department of English. Mr. Josen P Jose, Superintendent, YIMS, proposed the Vote of Thanks.

































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