

ISRO-START OUTREACH PROGRAM

Indian Space Research Organisation (ISRO) in association with Indian Institute of Remote Sensing (IIRS) has launched an online training programme called 'Space Science and Technology Awareness Training (START) under the theme 'Exploration of the Solar system'.

Thiagarajar College of Engineering, Madurai was approved by ISRO as Nodal Centre to conduct the online training program on April 2, 2024. Students of TCE attended ISRO-START program in 2023 April with American College Madurai as Nodal centre.

The START programme is part of ISRO's efforts to enable Indian students to become professionals in space science and technology, as the organization's space science exploration program continues to expand into new domains. The programme is intended to provide students with an introductory-level training in space science and technology, giving them an overview of different facets of the field, research opportunities, and career options. The training will also emphasize the cross-disciplinary nature of space science, giving students insights into how their individual aptitudes can be applied to the field. The programme is expected to help build a human capacity that will lead space science and research in the future.

The lectures will also cover topics on the Indian space science exploration programme and research opportunities in space science and technologies. The student community will be benefited from this training programme, as they will receive an overview of the different facets of space science and technology, exposure to the research ongoing in different Indian institutes, insight into how their individual aptitude would suit some of the facets of space science and technology, appreciate the cross-disciplinary nature of the subject, and accordingly choose their career path.

ISRO-Start Online Program On 'Exploration of The Solar System' was held from April 24 To May 10, 2024 with TCE as nodal centre



The poster for ISRO-START 2024 features a central image of the sun with planets in the background. The text on the poster includes: 'FOR THE INDIAN ACADEMIA, OFFERING POST-GRADUATE / UNDER-GRADUATE COURSES ON PHYSICAL SCIENCE AND TECHNOLOGY', 'START-2024 SPACE SCIENCE & TECHNOLOGY AWARENESS TRAINING (Online mode)', 'MORE THAN 20 HOURS OF LECTURES BY NATIONAL EXPERTS, ISRO PROFESSIONALS, SCIENTIFIC INTERACTIONS, EVALUATION...', 'THEME: EXPLORATION OF THE SOLAR SYSTEM', 'Deadline for sending Expression of Interest to host START-2024: April 2, 2024', 'through: <https://jigyasa.iirs.gov.in/START>', and a QR code with the text 'Scan this'. At the bottom, it says 'Science Programme Office, ISRO Headquarters and Indian Institute of Remote Sensing, ISRO'.

The outreach training was held from April 24 to May 10, 2024 in online mode at the Remote Sensing Laboratory from 3.30 P.M to 5.30 PM every day. The program was conducted in 25 sessions, with a total course duration of 18 hours and 45 minutes. Post-graduate students and students of Undergraduate courses from various department including Electronics and Communication, Mechatronics, CSBS, Information and Technology, Computer Science and Engineering and M.Sc Data Science registered and attended the course. Twenty-four students attended the program, and seventeen students were eligible to attend the exams based on the eligibility criteria for attendance. The criteria for eligibility were that a participation certificate or merit certificate will be provided to eligible students who have a minimum of 70% attendance in the online sessions and score 50% marks or above in the online examination.

The online examination was held on May 22 for a duration of 30 minutes, in accordance with the schedule provided by the ISRO-START organizing committee. Out of the 17 students who attended the exams, 9 cleared with different gradings from A+, B+, A, and B. The rest of the eight students received the participation certificate.

For details of ISRO-START program visit <https://jigyasa.iirs.gov.in/START>

The detailed report of the ISRO-START program held from April 24 to May 10, 2024 is attached as **annexure**

For Further assistance on ISRO-START Program contact

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