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ISRO inks MoU with SCTIMST for cooperation in space medicine

05 May 2025 | News

To spur innovations and developments in the fields of Human Physiological Studies, Behavioural Health



Indian Space Research Organisation (ISRO), Department of Space (DoS) and Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST), Department of Science & Technology (DST) have signed the ‘Framework Memorandum of Understanding on Cooperation in Space Medicine’. This partnership marks significant milestone in the advancement of Space Medicine and its applications in the country.

Indian Human Space programme, Gaganyaan is a national endeavour of ISRO offering a unique opportunity to various national agencies, academia and industry in the fields of human health research, microgravity research, space medicine and space biology.

This framework MoU between ISRO and SCTIMST will lead to cooperation in the niche field of Space Medicine which will benefit the national human space programme as well as spur innovations and developments in the fields of Human Physiological Studies, Behavioural Health Studies, Biomedical Support Systems, Radiation Biology & Medicine, Countermeasures for improving Human Health & Performance in Space Environment, Telemedicine and communication Protocols and Crew Medical Kit for Space Missions.

The programme will create opportunities for studies and experiments, especially in the field of Space Medicine.

Dr V Narayanan, Chairman, ISRO and Secretary DOS & Chairman, Space Commission emphasised that the national human spaceflight endeavour, Gaganyaan aims to enhance nation’s capacity in the field of Human Research under space environment. He highlighted that maintaining human health and performance in the extreme environment of Outer Space is very important for the successful long duration human space missions. A national space based platform such as the Bharatiya Antariksh Station will enable the utilisation of the niche space environment to undertake cutting edge human research and technology development based on our national priorities. This collaboration can inspire young people to pursue careers in STEM fields, driving innovation in the country.