

श्रीचित्रातिरुनालआयुर्विज्ञानऔरप्रौद्योगिकीसंस्थान
तिरुवनन्तपुरम, केरल- 695 011

**SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND
TECHNOLOGY, TRIVANDRUM**

Thiruvananthapuram - 695011, Kerala, India

(एकराष्ट्रीयमहत्वकासंस्थान, विज्ञानएवंप्रौद्योगिकीविभाग, भारतसरकार)

(An Institution of National Importance, Dept. of Science & Technology, Govt. of India)



शैक्षणिककार्यक्रम
ACADEMIC PROGRAM

**ACADEMIC PROGRAMS –POST DOCTORAL FELLOWSHIP (BIOASTRONAUTICS),
POST-DOCTORAL FELLOWSHIP (ELECTROENCEPHALOGRAPHY)**

सूचीपत्र
PROSPECTUS

सत्र अगस्त -2026
SESSION– August 2026
www.sctimst.ac.in

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Introduction

Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST) is an Institution of National Importance with the status of a University under the Department of Science and Technology, Government of India, by an Act of Parliament (Act 52 of 1980). The joint culture of medicine and technology that the Institute pioneered more than four decades ago has come of age and has gained unprecedented acceptance in India. The Institute focuses on advanced super-specialty postgraduate training programs in medical specialties and health research of social relevance, and the development of high-quality medical devices and technology of industrial significance. The emphasis is on the development of activities less readily available in the country, such as interventional radiology, interventional stroke care, cardiac electrophysiology, advanced cardiothoracic and vascular surgery, management of epilepsy and movement disorders, micro, spinal and endoscopic neurosurgery, development of new biomedical devices and products, evaluation of medical devices to global specifications, novel academic programs, and health science research and training.

The Institute has three wings – the Hospital Wing, the Biomedical Technology Wing, and the Achutha Menon Centre for Health Science Studies Wing. Excellent research and learning opportunities are available at these wings. The Institute has a dedicated team of clinicians, scientists and engineers devoted to high-quality medical research, biomedical research, technological development and public health research.

The Institute's objectives are to:

- Promote biomedical engineering and technology.
- Provide and demonstrate high standards of patient care in advanced medical specialties.
- Develop innovative postgraduate training programs of the highest quality in advanced medical specialties, as well as in biomedical engineering and technology.
- Participate in public health reforms through research, training, and interventions.

The Sree Chitra Tirunal Institute for Medical Sciences & Technology Act, 1980, empowers the Institute to offer post-graduate, super specialty, post-doctoral programs in medical sciences, public health and biomedical engineering. To promote the above-specified objectives, the institute now offers post-graduate teaching and training in Space Medicine Research through a PDF program in collaboration with Human Space Flight Center (HSFC) of Indian Space Research Organization (ISRO).

Notification for 1) PDF in Bioastronautics 2) PDF in Electroencephalography (EEG)

1. POST-DOCTORAL FELLOWSHIP (PDF) IN BIOASTRONAUTICS

Scope of the Program

Bioastronautics is the multidisciplinary study of adaptation, performance and health of humans and other living systems in the space environment, and the design of systems that enable safe and effective human presence in space. It encompasses the effects of microgravity, space radiation, isolation and confinement, altered atmospheric conditions and hostile environments on biological systems, as well as the development of countermeasures, life support systems, space suits, medical care capabilities and human factors engineering for spaceflight. Considering the country's vision on the human space missions in future and with the successful progression of the Gaganyaan programme and plans for future orbital stations, lunar missions and deep space exploration, the nation is entering a decisive phase in human spaceflight. However, there exists a critical rational gap in formal academic training, structured research infrastructure and translational capability in bioastronautics and space medicine. Currently, no dedicated academic programme in Space Medicine exists in Indian medical, engineering or life science institutions, despite the urgent need for indigenous expertise to design, operate and medically support human missions.

Program Description

Human Space Flight Centre (HSFC), Bengaluru serves as the nodal hub for India's human spaceflight program, offering comprehensive facilities for Gaganyaan crew training, including full-scale simulators, VR systems, mission operation training, survival and spacesuit testing, medical monitoring, and human factors labs, while integrating closely with ISRO centers such as VSSC, LPSC, SAC, ISTRAC, and the Institute of Aerospace Medicine for launch systems, life support, radiation monitoring, communications, and aeromedical evaluation.

SCTIMST, Thiruvananthapuram complements this ecosystem with world-class clinical and biomedical infrastructure, featuring advanced cardiovascular, thoracic, neurological, and critical care services, state-of-the-art operating theatres and ICUs, comprehensive imaging and diagnostic facilities, clinical physiology labs, and robust rehabilitation services, collectively supporting high-end medical care, research, and human performance assessment.

1.1. Objectives of the Programme

This proposal seeks approval to establish **two Post-Doctoral Fellowship (PDF) positions in Bioastronautics** per year.

- **PDF 1 Research Position:** Based primarily at **HSFC, Bengaluru** (with rotations to SCTIMST)
- **PDF 2 Research Position:** Based primarily at **SCTIMST, Thiruvananthapuram** (with rotations to HSFC)
- **The course modules will be done together at both SCTIMST and HFSC. The place of research position shall be based on the project with rotations in both the institutes. The Projects must have PIs from both institutes.**

The specific objectives are to:

1. Train highly skilled manpower to support current and future Indian human spaceflight programmes (Gaganyaan, orbital stations, lunar and planetary missions).
2. Develop national research capabilities in human space physiology, space life support systems, biomedical engineering for space applications and space health risk assessment and mitigation.
3. Establish HSFC and SCTIMST as collaborative nodal centres for astronaut health standards, selection input, training support, in-flight medical operations planning and post-flight medical surveillance.
4. Facilitate national and international collaboration with academic, clinical, industrial and space agency partners to develop space-relevant biomedical technologies, sensors, monitoring systems, countermeasures and decision-support tools.
5. Provide comprehensive understanding of the end-to-end human space mission lifecycle – from pre-flight medical screening and training, through launch, on-orbit operations, extravehicular activity (EVA), re-entry and post-flight rehabilitation.
6. Build competence in space medical operations, including remote monitoring, telemedicine, diagnosis and management of spaceflight-related health emergencies and contingencies.
7. Enable fellows to conceptualize, design, execute and publish high-quality research in space life sciences, utilizing ground-based analogues, simulation platforms, parabolic flight opportunities and potential in-flight experiments.

8. Contribute to national policy, standards, guidelines and standard operating procedures (SOPs) related to human spaceflight medical support, crew health requirements and ethical conduct of space biomedical research.

1.2. Programme Highlights

- **Training Modules:**

- **At HSFC (ISRO):**

- Mission operations, flight rules, real-time decision support
- Crew systems, human factors, cockpit/vehicle ergonomics
- Astronaut selection medical standards
- Survival training exposure, high-G centrifuge, parabolic flight
- EVA contingency planning and medical kit design

- **At SCTIMST:**

- Understanding of human physiology, systemic adaptation in space travel
- Rotations through ICUs and other labs of hospital (neuro, cardiac, surgical)
- Neurophysiology, cardiology, basic sciences, (including SANS-related imaging)
- Biomedical device testing, engineering and prototyping
- Signal processing, computational modelling, digital twins.
- Rehabilitation, exercise physiology, and clinical assessment

- **Collaborative research project:** Leverage ground analogs, simulation platforms, and emerging flight experiment opportunities, biomedical engineering platforms and payloads aligned with Gaganyaan/BAS mission needs.

- **Personalized Training Plan:**

Each fellow tailors a detailed rotation and research schedule for approval by mentors and committee from both the institutes

2. Goals and Competencies

2.1. Programme Goals

The training programme aims to:

- a) Train highly skilled professionals to support India's human space flight programmes in the field of space medicine (Gaganyaan, future orbital and deep space missions).

- b) Develop national research capabilities in human space physiology, bioastronautics and space biomedical engineering.
- c) Establish HSFC and SCTIMST as centres of excellence for astronaut health, crew training medical support and post-flight medical follow-up.
- d) Foster collaboration with national and international space agencies, academic institutions and industry for biomedical technology and countermeasure development.
- e) Provide comprehensive training across the human spaceflight mission lifecycle – from crew selection, pre-flight preparation, in-flight operations, EVA support, to post-flight rehabilitation.
- f) Build competence in space medical operations including remote diagnosis, telemedicine, medical decision-making under operational constraints and emergency management.
- g) Enable fellows to conduct and publish high-quality research in space life sciences, utilizing ground analogues, simulation platforms and future spaceflight opportunities.
- h) Contribute to national space health policy, medical standards, SOPs and ethical frameworks for human spaceflight research.

2.2. Competencies to be Achieved

Upon completion of the fellowship, trainees will have achieved competencies in the following domains:

2.2.1. Human Spaceflight Fundamentals

- Understand human mission architectures for LEO, lunar, Mars and deep space exploration, including mission phases, timelines and biomedical constraints.
- Comprehend principles of microgravity, partial gravity, space radiation environment, spacecraft atmospheres and their physiological impacts.
- Understand mission planning, risk assessment and systems integration from a biomedical perspective.

2.2.2. Human Space Physiology and Pathophysiology

- Describe acute and chronic adaptations of major organ systems to spaceflight:
 - **Cardiovascular:** orthostatic intolerance, cardiac atrophy, fluid shifts, altered autonomic regulation
 - **Musculoskeletal:** muscle atrophy, bone demineralization, connective tissue changes

- **Neurovestibular:** space motion sickness, sensorimotor adaptation, spatial orientation challenges
- **Visual:** Spaceflight Associated Neuro-ocular Syndrome (SANS), optic disc edema, etc.
- **Respiratory:** altered ventilation-perfusion, exercise capacity,
- **Endocrine and metabolic:** altered circadian rhythms, hormonal changes, nutritional challenges
- **Immune system:** immune dysregulation, reactivation of latent viruses
- **Gastrointestinal:** altered motility, microbiome changes
- **Renal and fluid-electrolyte:** renal physiology and alterations in kidney function, etc.
- **Skin and wound healing:** delayed healing, radiation effects
- Understand cellular, molecular and genetic responses to spaceflight stressors: oxidative stress, DNA damage, epigenetic modifications, altered gene expression, microbiome alterations.
- Recognize clinical features, differential diagnosis and management principles of spaceflight-associated medical conditions including acute illnesses, injuries, psychological crises and chronic diseases.

2.2.3. Space Radiation Biology and Protection

- Understand sources and characteristics of space radiation: galactic cosmic rays (GCR), solar particle events (SPE), trapped radiation belts.
- Comprehend biological effects: deterministic effects (acute radiation syndrome) and stochastic effects (cancer risk, cataract, CNS effects).
- Understand radiation dosimetry, risk models and lifetime exposure limits.
- Learn radiation shielding strategies, mission planning, ALARA principles and pharmacological countermeasures.

2.2.4. Space Medicine and Clinical Operations

- Apply principles of aerospace and space medicine to crew selection standards, medical evaluation, fitness determination and waiver processes.

- Understand medical certification requirements for astronauts and payload specialists.
- Design and evaluate medical kits, pharmaceuticals and medical devices suitable for spaceflight (mass, volume, shelf life, usability in microgravity).
- Develop skills in telemedicine, remote diagnosis, teleconsultation and tele-ICU concepts for space applications.
- Understand in-flight medical contingency protocols, emergency procedures, crew medical officer training and medical decision-making under resource constraints.
- Interpret advanced diagnostic modalities relevant to space: point-of-care ultrasound (POCUS), ECG telemetry, continuous physiological monitoring, remote imaging interpretation.

2.2.5. Environmental Control and Life Support Systems (ECLSS)

- Understand principles of ECLSS: atmosphere control and supply, oxygen generation, CO₂ removal, trace contaminant control, temperature and humidity control, water recovery and management, waste management, fire detection and suppression.
- Comprehend biomedical interfaces of ECLSS: acceptable environmental ranges for human health, monitoring of environmental quality, health risks from ECLSS failures.
- Understand integration of ECLSS with spacesuit systems, airlocks and habitats.

2.2.6. Spacesuits and Extravehicular Activity (EVA)

- Understand spacesuit architecture: pressure garment, portable life support system (PLSS), thermal control, communication systems.
- Comprehend physiological challenges of EVA: pre-breathe protocols, decompression sickness risk, metabolic demands, thermal stress, ergonomics and human factors.
- Learn EVA operations, training, procedures and medical monitoring.

2.2.7. Countermeasures and Rehabilitation

- Understand exercise countermeasure systems and protocols: resistive exercise devices, treadmills, cycle ergometers, exercise prescription for microgravity and partial gravity.

- Learn pharmacological countermeasures: bone loss medications, cardiovascular medications, sleep aids, anti-nausea agents.
- Understand nutritional countermeasures: caloric requirements, macronutrient and micronutrient needs, vitamin D, sodium regulation.
- Learn sensorimotor and neurovestibular training, visual-motor adaptation protocols.
- Understand behavioural health countermeasures: sleep hygiene, circadian lighting, psychological support, team dynamics training, stress management.
- Plan post-flight medical surveillance, reconditioning programmes and long-term health follow-up for returning astronauts.

2.2.8. Psychological Health and Human Factors

- Understand psychological challenges of spaceflight: isolation, confinement, monotony, workload, team dynamics, cultural differences, communication delays (deep space).
- Learn psychological selection, monitoring and support strategies.
- Comprehend crew resource management, team performance, leadership and conflict resolution in space crews.
- Understand human factors, habitability and ergonomics in spacecraft design, workstations, controls, displays and interfaces.

2.2.9. Space Biomedical Engineering and Technology Development

- Design and prototype biomedical sensors, monitoring devices and diagnostic tools suitable for spaceflight (miniaturized, low-power, robust, autonomous, easy to use in microgravity).
- Understand hardware qualification requirements for space environments (vibration, radiation, thermal cycling, EMI/EMC, outgassing).
- Apply artificial intelligence, machine learning and decision-support algorithms to physiological monitoring, predictive analytics and medical decision support.
- Learn systems engineering approaches to integrate medical requirements into mission design.

2.2.10. Research Methods in Space Life Sciences

- Formulate research questions and hypotheses with clear relevance to human spaceflight health, performance or risk mitigation.
- Design and conduct experiments using appropriate ground-based analogues:
 - Bed rest / head-down tilt (cardiovascular and musculoskeletal deconditioning)
 - Dry immersion (rapid fluid shifts, sensorimotor changes)
 - Isolation and confinement chambers (psychological, circadian, team dynamics)
 - Hypoxia and hypobaric chambers (high-altitude/EVA analogue)
 - Parabolic flight (brief microgravity)
 - Centrifuge and high-G environments (launch/re-entry stress)
 - In vitro and in silico models (cellular responses, computational physiology)
- Apply rigorous study design: controlled trials, blinding, randomization, sample size calculation, statistical power.
- Master data management, statistical analysis and reproducible research practices.
- Write and publish at least one peer-reviewed research manuscript and present at one national/international conference during fellowship.
- Understand regulatory and ethical requirements: institutional review boards (IRB), informed consent, astronaut privacy and data confidentiality, dual-use research considerations.

2.2.11. Policy, Standards and International Collaboration

- Understand international standards and best practices in human spaceflight: NASA, ESA, Roscosmos, JAXA, CSA guidelines.
- Learn medical standards for astronaut selection, certification and operational constraints.
- Contribute to development of Indian national guidelines, SOPs, checklists and risk matrices for crewed missions.
- Understand bilateral and multilateral agreements, crew exchange programmes and collaborative research frameworks.

1. Facilities and Resources

3.1. Facilities at HSFC, Bengaluru

HSFC is the nodal centre for India's human spaceflight programme and provides access to:

- **Gaganyaan crew module simulators:** Full-scale mock-ups, virtual reality systems, crew-vehicle interfaces
- **Training infrastructure:** High-fidelity simulators for mission operations, docking, rendezvous
- **Mission control and operations centres:** Real-time monitoring, telemetry, command and control
- **Crew training facilities:** Survival training, Spacesuit development and testing, parabolic flight coordination
- **Crew medical and health monitoring infrastructure:** Pre-flight, in-flight and post-flight medical protocols and systems
- **Human factors and habitability labs:** Ergonomics, crew workstation design, interface evaluation
- **Integration with other ISRO centres and IAM:**
 - **VSSC (Thiruvananthapuram):** Launch vehicle systems, crew safety, abort dynamics
 - **LPSC (Thiruvananthapuram):** ECLSS test beds and development facilities Atmosphere control, water recovery, thermal systems
 - **SAC (Ahmedabad):** Space environment monitoring, radiation dosimetry, remote sensing
 - **ISTRAC (Bengaluru):** Communication, telemetry, tracking and data relay systems
 - **Institute of Aerospace Medicine, IAF (Bengaluru):** Aeromedical evaluation, altitude chamber, centrifuge, aviation medicine expertise

3.2. Facilities at SCTIMST, Thiruvananthapuram

SCTIMST provides world-class clinical, biomedical engineering and research infrastructure:

Hospital Wing

- **Cardiovascular and Thoracic Surgery (CVTS):** 8 areas of operating theatres with advanced hemodynamic monitoring, interventional cardiology labs with catheterization and imaging
- **Neurosurgery and Neurology:** 5 neuro-OTs, neuro-ICU, interventional neuroradiology suite, neurophysiology lab (EEG, EMG, evoked potentials, intraoperative monitoring)
- **Critical Care Units:** Cardiac ICU, Neuro-ICU, Surgical ICU – multi-parameter monitoring, ventilators, ECMO, advanced life support
- **Anaesthesiology:** Regional anaesthesia, advanced airway management, physiological monitoring
- **NeuroOphthalmology:** Comprehensive ophthalmic evaluation and imaging
- **Radiology and Imaging:** CT, MRI, DSA, ultrasound, POCUS
- **Clinical Physiology labs:** Exercise testing, pulmonary function testing, autonomic function testing
- **Rehabilitation services:** Physical medicine, physiotherapy, exercise physiology, musculoskeletal assessment

Biomedical Technology Wing (BMT Wing)

Located at Poojappura campus, the BMT Wing is dedicated to medical device development and translational research:

- **Medical Devices Engineering Division:** Device design, CAD/CAM, rapid prototyping (3D printing), electronics and embedded systems, software development
- **Medical Instrumentation Division:** Bio signal acquisition and processing (ECG, EEG, EMG, bio impedance), transducer and sensor development, safety testing and calibration equipment
- **Biomaterials Divisions:** Polymer processing, bio ceramics, surface modification, scaffolds for tissue engineering
- **Applied Biology (Biocompatibility and Testing)**

- Characterization: FTIR, UV-Vis, Raman, XRD, SEM, Micro-CT, thermal analysis, mechanical testing (UTM)
- Cell culture and in-vitro testing
- Toxicology and histopathology
- Microbiology and thrombosis testing
- Animal surgery and in-vivo studies
- Sterilization facilities (steam, ETO, gamma irradiation)
- **Central Analytical Facility:** Shared access to advanced characterization and imaging tools
- **Technology Incubation and Commercialization (Techno PROVE):** Scale-up, validation, regulatory support, industry partnership

Academic and Research Support

- **Library and digital resources:** Access to biomedical, engineering and space science journals and databases
- **Computational facilities:** High-performance computing, MATLAB, Python, LabVIEW, simulation software
- **Research methodology and biostatistics support:** Workshops, consultancy, data analysis services
- **Ethics committee and regulatory support:** IRB, IAEC, biosafety, clinical trial coordination

2. Eligibility and Selection

4.1. Minimum Qualifications

Applicants must possess **one** of the following qualifications:

- **Medical Stream (MD/MS/DM/MCH)**

Required: Shall possess MBBS with postgraduate medical degree in an NMC-recognized (MD/MS/DNB/DM/MCH) in approved specialties (Anaesthesiology, Internal Medicine, General Surgery, Cardiology, CVTS, Neurology, Neurosurgery, Orthopaedics, Rehabilitation,

Pulmonary/Emergency/Critical Care Medicine, Radiology, Ophthalmology, Community/Public Health, Aerospace/Aviation/Sports Medicine, Physiology).

- **Biomedical/Engineering/Life Sciences Track (PhD)**

Required: PhD in Biotechnology, Physiology, Neuroscience, Biophysics, Biochemistry, Microbiology, Molecular Biology, Space Science/Astrophysics (biology focus), Exercise Physiology, Biomedical with First-class M.Sc / M.Tech/ ME (or equivalent) in any of the above subjects

4.2. Desirable Skills & Experience

- Advanced research experience: PhD degree, lead-authored publications, conference presentations, patents, awards.
- **Proficiency in:**
 - Programming and data analysis (MATLAB, Python, R, LabVIEW), signal processing, machine learning, simulations (Sims cape, COMSOL, ANSYS), High Throughput Sequencing (NGS) data analysis.
 - Device/technology development, prototyping, hardware systems, embedded design, medical device testing, regulatory documentation,
 - Hands-on experience with molecular biology, microbiology, animal handling experiments.
- Prior exposure to aerospace/aviation/high-altitude/extreme environment medicine, human and animal performance, or related research
- Demonstrated interest in human spaceflight, space life sciences, or extreme environment adaptation via coursework, projects, workshops, internships, certifications
- Interdisciplinary collaboration experience (clinical-engineering, academic-industry, national-international teams)
- Excellent written/oral communication and scientific presentation skills
- **Key Selection Criteria:**

Proven research, technical, and communication skills; demonstrated interest in space medicine, bioastronautics, or human performance; multidisciplinary collaboration experience.
- **Age Limits:**
 - Medical postgraduates: up to 40 years
 - PhD holders: up to 35 years

(Age relaxations is applicable as per Institute rules for PDF program)

- **Application and Selection**

- Documents Required:

- Application form
- Degree certificates and proof of age
- Statement of Purpose (SoP; 1000–1500 words): *Motivation and interest in bioastronautics and human spaceflight; Relevant background, skills and experience; Proposed broad research area or question (1–2 sentences); Career goals and how this fellowship aligns with them.*
- Two Letters of Recommendation: **Two** letters from academic or professional referees (at least one from supervisor/mentor of postgraduate/doctoral work or current employer).
- List and copies of top publications
- Proof of age, caste certificate (if applicable), photo

- **Selection Process:**

- *Stage 1:* Shortlisting by academic merit, research, SoP, recommendations, alignment with programme goals
- *Stage 2:* Interview and presentation on past work and proposed research interests

3. Fellowship Terms and Conditions

5.1. Fellowship Details

- **No. of Positions:** 2 annually (one at each host institute)
- The proposal of placement shall be considered as follow; however, as per the project allotted, the placement can be decided by the Guide. The candidates shall be attending labs, departments in both places in both years related to the course, and research guides who will be from both the institutes.

Position	Primary Location	Rotation Site
PostDoc-1: HSFC-based research	HSFC, Bengaluru	SCTIMST, Trivandrum
PostDoc-2: SCTIMST-based research	SCTIMST, Trivandrum	HSFC, Bengaluru

- **Duration:** 12 months for the course, extendable by another 12 months' subject to performance by the evaluation committee.
- **Stipend:** Rs 80,900 +With applicable HRA, DA, and DA on TA as per institute rules for PDF.
- **Benefits:** Accommodation (Guest house/Hostel/HRA), research support, conference travel, insurance, full lab/journal access.(as applicable)

Course Structure

- The total duration of the PDF in Bioastronautics programs will be two years.
- PDF 1 Research Position: Based primarily at HSFC, Bengaluru (with rotations to SCTIMST)
- PDF 2 Research Position: Based primarily at SCTIMST, Thiruvananthapuram (with rotations to HSFC)
- The course modules will be done together at both SCTIMST and HFSC.
The place of research position will be based on the project.

Training disciplines offered:

At Human Space Flight Centre HSFC (ISRO):

- Mission operations, flight rules, real-time decision support
- Crew systems, human factors, cockpit/vehicle ergonomics
- Astronaut selection medical standards
- Survival training exposure, high-G centrifuge, parabolic flight
- EVA contingency planning and medical kit design

At SCTIMST:

- Rotations through ICUs and other labs of hospital (neuro, cardiac, surgical)
- Neurophysiology, cardiology, basic sciences, (including SANS-related imaging)
- Biomedical device engineering and prototyping
- Signal processing, computational modelling, digital twins
- Rehabilitation, exercise physiology, and clinical assessment

Method of selection

Eligible candidates can apply through online portal. Short-listing of the application is based on the merit of a500-word short research project proposal and letters of reference. Short-listed candidates will be called for an open departmental interview if there are less than 10 candidates and a written examination for the concerned stream, if there are more than ten applicants in that stream, followed by a final interview. All qualified DM, MCh, MD, DNB students can apply. The percentage of marks allotted for the departmental assessment is 75% of the total marks followed by a final

interview for 25% of the total marks. The final selection for the course is based on the rank list of the candidates in the concerned stream. The selected candidate under medical specialties should have applied for and obtained registration with **Kerala State Medical Councils (KSMC)** at the time of admission at SCTIMST.

Number of seats: 2

5.2. Leave and Working Hours

- **Leave entitlement:** As per SCTIMST norms
- **Working hours:** Full-time commitment (As per SCTIMST/ISRO norms) including rotations, research and on-call duties as assigned.
- **Attendance and conduct:** Fellows are expected to maintain professional conduct, punctuality, academic integrity and adherence to institute and ISRO policies.

5.3. Intellectual Property

- **Ownership:** Intellectual property (IP) arising from research during the fellowship will be governed by the MoU between SCTIMST and ISRO, and applicable institutional IP policies.
- **Inventions, patents, publications:** Fellows may be listed as co-inventors/co-authors. Prior approval from mentors and institutions required before submission for publication or patent filing.
- **Confidentiality:** Fellows must sign non-disclosure agreements (NDAs) for access to sensitive mission data, proprietary technologies or unpublished research.

5.4. Performance Evaluation

- **Mid-term evaluation** (6 monthly): Review of progress by mentors and advisory committee. Feedback and course corrections if needed.
- **Final evaluation** (at 24 months): Assessment based on:
 - Completion of training modules and rotations
 - Research progress: data collection, analysis, manuscript submission

- Publications and presentations
- Overall performance, professionalism and contribution
- **Extension decision** (if applicable): Based on mid-term and final evaluations, availability of funds and research project requirements.

5.5. Termination

The fellowship may be terminated:

- By the fellow: With one month's notice in writing, stating reasons.
- By the institutes: For unsatisfactory performance, violation of conduct rules, prolonged absence, breach of confidentiality or other disciplinary reasons, with due process.

5.6 Course Coordinators

A) SCTIMST

Program In-charges:

Dr S. Manikandan, Sr. Professor In Anaesthesiology ,

Dr Anilkumar P.R., Scientist 'G, Division of Tissue Culture, BMT Wing

B) Human Space Flight Centre

Program In-charges:

Dr Dinesh K Singh, Chairmain of HSFC

Dr Sunil Kumar, Scientist/Engineer SF, HSFC

6. OUTCOMES AND IMPACT

6.1. Expected Outcomes for Fellows

Upon successful completion of the fellowship, fellows will:

- Be competent to contribute to human spaceflight medical operations, crew training, mission planning and post-flight support.

- Possess interdisciplinary expertise spanning clinical medicine, biomedical engineering, aerospace physiology and human factors.
- Have published research in peer-reviewed journals and presented at national and international forums.
- Be positioned for career advancement in space agencies (ISRO, international agencies), academia (teaching and research in aerospace medicine, biomedical engineering), industry (space biotech, medical device companies) or healthcare (aerospace medicine, critical care, rehabilitation).
- Serve as ambassadors and mentors for future trainees in bioastronautics and space medicine.
- The course does not authorize managing various clinical conditions in case of non-medical professionals after completion of the course as clinical management are governed by applicable rules of the country.

6.2. Expected Outcomes for Institutions

- **HSFC:** Build in-house biomedical expertise to support Gaganyaan and future human missions; establish medical operations protocols, SOPs and training modules; foster research culture and international collaborations.
- **SCTIMST:** Establish leadership in space medicine and biomedical engineering for space applications in India; create niche research capabilities; attract funding and collaborative projects; expand academic offerings (future Master's or PhD programmes in bioastronautics).

FEE STRUCTURE:

Particulars	Postdoctoral courses (PDF)
Application fee	2,000 (1,600*) (for PDF)
Admission fee	2,000
Tuition Fee	63,000(per year)
Course Fee	-
Caution Deposit(refundable)	10,000
Thesis Evaluation Fee	1,500

IdentityCard	220
Library	1,000
StudentWelfareFund	1,000
Certificates	1,000
MiscellaneousFee	10,000

*For
SC/ST

candidates. # not applicable for Advanced Certificate Program students.

Fee will be revised by the Institute every year. The fee once paid will not be refunded.

Eligible candidates can apply for e-Grants scheme of Govt. of Kerala for fee/Scholarships

Salary/stipend(per month in Rupees

Program	Duration	Scale of pay /Stipend in INR per month
PDF	02yrs	80,900 +*

**With applicable HRA, DA, and DA on TA as per institute rules*

List of documents to be uploaded

The list of documents to be uploaded at the time of online application are listed below: The photograph should be in jpeg format and all other documents shall be in pdf format.

1. A passport-size photograph (with white background).
2. An authentic document to prove the age.
3. Caste certificate for SC/ST/OBC (Non-creamy layer) issued by revenue authorities, not below the rank of Tahsildar (valid as per Government of India norms).
4. Documents to prove the EWS category, if applicable.
5. Documents to prove the PwD category, if applicable.
6. 'No Objection Certificate' in case the candidate is employed.
7. Certificates to prove academic qualifications and achievements

Hall Ticket/Call Letter

Eligible candidates for the interview can download the hall ticket/ call letter on or before 29th July from the portal of our website www.sctimst.ac.in. Please bring this card with you for entering the interview hall.

Important dates: The department assessment and selection interview will be conducted at SCTIMST on 30th July 2026.

Address for Contact

For more information, please contact:

**The Registrar,
Division of Academic Affairs,
Sree Chitra Tirunal Institute for Medical Sciences and Technology,
Thiruvananthapuram - 695011, Kerala, India.
Contact telephone Nos.: (0471) 2524269, 2524289, and 2524649.
Email: regoffice@sctimst.ac.in**

**Dr. S. Manikandan
Co-ordinator, PDF in Bioastronautics
SCTIMST, Thiruvananthapuram - 695011, Kerala, India.
Contact No.: 9446334711, Email: kanmanis@sctimst.ac.in**

**Dr. Anilkumar P.R
Co-ordinator, PDF in Bioastronautics
BMT WING SCTIMST, Thiruvananthapuram
Kerala, India. anilkumarpr@sctimst.ac.in**

2. POST-DOCTORAL FELLOWSHIP IN ELECTROENCEPHALOGRAPHY

The Institute offers a **one-year** Post-doctoral Fellowship (PDF) for those with DM/MCh (3-year) or equivalent qualifications. The PDF provides an excellent opportunity to acquire advanced training in a sub-specialty area. The PDF programs are organized by faculty trained in the concerned

sub specialty area. In addition to obtaining advanced clinical training, PDF provides opportunities to gain hands-on experience in advanced diagnostic and therapeutic techniques and high-quality research. The applicant is encouraged to visit the website (www.sctimst.ac.in) and directly communicate with the respective PDF program Supervisors listed below to gather more details about the program and areas of future research during the fellowship period.

Minimum Educational Qualification for Admission

- DM/MCh or equivalent qualification. It is preferable to have candidates who obtained their qualifying degree, DM/MCh or equivalent, not more than five years prior to applying for the PDF program.
- Registration with KSMC/TCMC.
- Residents who are in the final year of the program can apply; however, they should submit the degree certificate from the Institute/University at the time of joining, failing which the admission will be cancelled.

The application must include bio-data and a 500-word write-up on the work/project proposed to be done. Institutional grants may be available for selected research proposals. The candidates can contact the Program Supervisor in advance to discuss the feasibility of the proposed program.

Letter of Reference

Applicants for PDF courses are required to submit two reference letters from specialists working in the area of application, one of which should be from the last employer/faculty member under whom the candidate had worked.

Upper Age Limit

Forty-five years (as of 1stAugust 2026), relaxable by five years for SC/ST Candidates, sponsored candidates, and qualified Ex-service personnel with a service of not less than 5 years.

Method of selection

Eligible candidates can apply for one or more than one program in a department. Short-listing of the application is based on the merit of a 500-word short research project proposal and letters of reference. Short-listed candidates will be called for an open departmental interview if there are less than 10 candidates and a written examination if there are more than ten applicants, followed by a final interview. All qualified DM, MCh, DNB students can apply. The percentage of marks allotted for the departmental assessment is 75% of the total marks followed by a final interview for 25% of the total marks. The final selection for the course is based on the rank list of the candidates and the order of choice. The selected candidate should have applied for and obtained registration with **Kerala State Medical Councils (KSMMC)/Travancore Cochin Medical Council (TCMC)** at the time of admission at SCTIMST.

FEE STRUCTURE:

Particulars	doctoral courses (PDF)
Application fee	2,000 (1,600*) (for PDF)
Admission fee	2,000
Tuition Fee	63,000(per year)
Course Fee	-
Caution Deposit(refundable)	10,000
Thesis Evaluation Fee	1,500
Identity Card	220
Library	1,000
Student Welfare Fund	1,000
Certificates	1,000
Miscellaneous Fee	10,000

*For SC/ST candidates. # not applicable for Advanced Certificate Program students.

Fee will be revised by the Institute every year. The fee once paid will not be refunded.

Eligible candidates can apply for e-Grants scheme of Govt. of Kerala for fee/Scholarships

Salary/stipend (per month in Rupees) (Except for Sponsored candidates)

Program	Duration	Scale of pay /Stipend in INR per month
PDF	01 yr	80,900 +*

**With applicable HRA, DA, and DA on TA as per institute rules*

List of documents to be uploaded

The list of documents to be uploaded at the time of online application are listed below: The photograph should be in jpeg format and all other documents shall be in pdf format.

1. A passport-size photograph (with white background).
2. An authentic document to prove the age.
3. Caste certificate for SC/ST/OBC (Non-creamy layer) issued by revenue authorities, not below the rank of Tahsildar (valid as per Government of India norms).
4. Documents to prove the EWS category, if applicable.
5. Documents to prove the PwD category, if applicable.
6. 'No Objection Certificate' in case the candidate is employed.
7. Certificates to prove academic qualifications and achievements.

Hall Ticket/Call Letter

Eligible candidates for the interview can download the hall ticket/ call letter on or before 29th July 2026 from the portal of our website www.sctimst.ac.in. Please bring this card with you for entering the interview hall.

IMPORTANT DATES FOR PDF PROGRAMS FOR THE ACADEMIC SESSION – AUGUST 2026	
Admission Notification	01.07.2026
Availability of online Applications	02.07.2026 to 24.07.2026 (upto 5.00pm)
Hall ticket download	29 th of July 2026
Departmental assessment and interview	The selection interview will be conducted at SCTIMST on 30 th July 2026. All applicants are requested to visit the online application portal as well as the Institute website www.sctimst.ac.in for updates. Intimation regarding hall tickets will be sent only to the registered email id of the applicant.
Commencement of programs	1 st August 2026
Director's welcome address	5 th August 2026
Method of resolving ties	The tie case will be resolved according to age (Date of birth), the older candidate shall get preference over the younger one.
<p>The final selection list will be put up immediately after the interview.</p> <p>No electronic gadgets including cell phones/watches etc., will be allowed in the examination hall.</p> <p>The candidates need to strictly follow the instructions given in the Hall Ticket. Any candidate found to have provided false information or done malpractice during exams will be disqualified.</p>	

Address for Contact

For more information, please contact:

The Registrar,
 Division of Academic Affairs,
 Sree Chitra Tirunal Institute for Medical Sciences and Technology,
 Thiruvananthapuram - 695011, Kerala, India.
 Contact telephone Nos.: (0471) 2524269, 2524289, and 2524649.
 Email: regoffice@sctimst.ac.in

ACTS WARRANTING REMOVAL OF THE STUDENT

The services of the student may be terminated as follows:

- a. By the Director of the Institute without any previous notice if the Director of the Institute is satisfied on medical evidence that the student is unfit and is likely for a considerable period to continue unfit by the reason of ill health for the discharge of his/her duties PROVIDED ALWAYS that the decision of the Director that the student is unfit and is likely to continue unfit, shall be conclusive and binding on him/her.
- b. By the Director of the Institute without any previous notice, if the student shall be guilty of any insubordination, interference or other misconduct or any breach or nonperformance of any of the provisions of the agreement, or of any rules pertaining to the Institute, PROVIDED ALWAYS that the decision of the Director of the Institute in this behalf shall be conclusive and binding on him/ her.
- c. Unsatisfactory disciplinary conduct during the program at SCTIMST.
- d. Furnishing willfully or knowingly false/fake particulars for admission to SCTIMST.
- e. The decision of the Director, SCTIMST shall be final as to whether any Student comes within the ambit of condition (a) or (b)] above.

ANTI-RAGGING AFFIDAVIT

Ragging in all its forms is prohibited in the Institute

All candidates, at the time of admission to the Institute, will be required to furnish an undertaking in the form of an affidavit that the candidate will not indulge in any form of ragging. If the selected candidate is found to be ragging another student, the Institute may take appropriate action against him/her.

The directive of the Hon'ble Supreme Court regarding ragging will be followed strictly. As per the direction of the Hon'ble Supreme Court of India, "the Government has banned ragging completely in any form inside and outside of the campus and the Institute authorities are determined not to allow any form of the ragging. Whoever directly or indirectly commits, participates in, abets or instigates ragging within or outside any educational Institution, shall be suspended, expelled or rusticated from the Institution and shall also be liable to a fine which may extend to Rs.10,000/-. The punishment may also include cancellation of admission, suspension from attending the classes, withholding/withdrawing fellowship/scholarship and other financial benefits, or withholding or cancelling the result. The decision shall be taken by the Head of the Institution."

Prohibition of and Punishment for Ragging:

1. Ragging in any form is strictly prohibited, within the premises of the Institution and any part of SCTIMST and also outside SCTIMST.
2. Ragging for the purpose of these rules, ordinarily means any act, conduct or practice by an individual or any collective act by which dominant power or status of senior students/residents is brought to bear on students/residents freshly enrolled or students/residents who are, in any way, considered junior or inferior by other students/residents which:
 - i) Involve physical assault or threat or use of physical force.
 - ii) Violate the status, dignity and honor of women students.
 - iii) Violate the status, dignity and honor of physically disabled/transgender students.
 - iv) Violate the status, dignity and honor of students/residents belonging to the Scheduled Castes, Scheduled Tribes and other Backward Castes.
 - v) Exposes students/residents to ridicule and contempt and affects their self-esteem.
 - vi) Entail verbal abuse and aggression, indecent gesture and obscene behavior.
- 3) The Dean, Associate Dean, Registrar, Hostel Warden and HoDs of SCTIMST may conduct a suo-moto enquiry into any ragging incident and report to the Director the identity of those who have engaged in ragging and the nature of the incident. The Director of SCTIMST shall take necessary action based on the report.

Any person aggrieved in this matter may fearlessly approach the Student Grievance and Redressal Committee/Anti-Ragging Committee/Associate Dean (Faculty and Student Affairs)/ Division of Academic Affairs of SCTIMST for a fair and concerned hearing and redressal.

UNDERTAKING BY THE CANDIDATE/STUDENT

1. I, _____ S/o. D/o. of Mr./Mrs./Ms. _____, have carefully read and fully understood the law prohibiting ragging and the directions of the Supreme Court and the Central/State Government in this regard.
2. I have received a copy of the MCI Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009.
3. I hereby undertake that-
 - I will not indulge in any behavior or act that may come under the definition of ragging,
 - I will not participate in or abet or propagate ragging in any form,
 - I will not hurt anyone physically or psychologically or cause any other harm.
4. I hereby agree that if found guilty of any aspect of ragging, I may be punished as per the provisions of the MCI Regulations mentioned above and/or as per the law in force.

Signed this ____ day of _____ month of _____ year

Signature

Address: _____

Name:

(1) Witness:

(2) Witness:

UNDERTAKING BY PARENT/GUARDIAN

1. I, _____ F/o. M/o. G/o _____, have carefully read and fully understood the law prohibiting ragging and the directions of the Hon'ble Supreme Court and the Central/State Government in this regard as well as the MCI Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009.
2. I assure you that my son/ daughter/ ward will not indulge in any act of ragging.
3. I hereby agree that if he/she is found guilty of any aspect of ragging, he/she may be punished as per the provisions of the MCI Regulations mentioned above and/or as per the law in force.

Signed this ____ day of ____ month of _____ Year

Signature

Address: _____

Name:

(1) Witness:

(2) Witness:

ANTI-RAGGING COMMITTEE

1.	Director	-	Chairperson
2.	Head, BMT Wing	-	Member
3.	Associate Dean (Student & Faculty Affairs)		Member
4.	HOD, Cardiology	-	Member
5.	HOD, Neurology	-	Member
6.	HOD, AMCHSS	-	Member
7.	HoD, Division of Medical Devices Engineering, BMT Wing	-	Member
8.	Mr. Anu S. Nair, Deputy Collector, Thiruvananthapuram	-	Member
9.	Mr. Prithvi Raj, Asst, Commissioner of Police, Kerala Police	-	Member
10.	Mr. S. IrudayaRajan, Representative from NGO	-	Member
11.	Mr. SajjadSahir J., Parent representative	-	Member
12.	Dr. Aswin Ram S. P., Sr. Resident, DM Neuroanaesthesia	-	Member
13.	Dr. Swasthi S. Kumar, Sr. Resident, DM Cardiology	-	Member
14.	Mr.Willi Paul, Scientific Officer (Instruments), BMT Wing	-	Member
15.	Mr.Suji K, Scientific Officer, Cath Lab	-	Member
16.	Deputy Registrar	-	Convener and Nodal Officer

IMPORTANT CONTACT ADDRESSES

Designation	Name	TelephoneNo.	Email-ID
Director	Dr.SanjayBehari	91-471-2524400	director@sctimst.ac.in
HeadBMTWing–I/C	Dr.HarikrishnaVarmaP.R.	91-471-2520201	headbmtw@sctimst.ac.in
Dean(Academic Affairs)	Dr.Srinivasan K	91-471 – 2524243/ 2524500	dean@sctimst.ac.in
HeadAMCHSS	Dr.Srinivasan K	91-471 -2524243	ksrini@sctimst.ac.in
AssociateDean(PhDProgram)	Dr.Umashankar P.R.	91-471-2520226	umashnkr@sctimst.ac.in
Associate Dean (Research & Publication Cell)	Dr.NarayananNamboodiri K.K.	91-471 - 2524384	kknamboodiri@sctimst.ac.in
Associate Dean (Faculty & student affairs)	Dr.Unnikrishnan K.P.	91-471 - 2524630	unnikp@sctimst.ac.in
Associate Dean (Health Science Studies)	Dr.RakhalGaitonde	91-471 - 2524241	rakhal.gaitonde@sctimst.ac.in
Associate Dean (Curriculum & Examinations)	Dr.Suneel P. R.	91-471 – 2524199	suneel@sctimst.ac.in
Associate Dean (III A)	Dr.Jayasree R. S.	91-471-2520273	jayasree@sctimst.ac.in
Registrar	Dr.Santhosh Kumar B.	91-471 - 2524150	reg@sctimst.ac.in
Deputy Registrar	Ms.Radha M.	91-471 - 2524140	dreg@sctimst.ac.in
Asst. Admin. Officer (Academic)	Ms.Suja T.S.	91-471 - 2524269	regoffice@sctimst.ac.in

STUDENT RESERVATION & EQUAL OPPORTUNITY CELL

1.	AssociateDean(Faculty & Student Affairs)	Liaison Officer(Ex-officio)
2.	Nodal officer for scholarship to students in the Institute	Member(Ex-officio)
3.	Dr.Roy Joseph	Scientist G (Sr. Gr.), BMT Wing-Member
4.	Dr.Biju Soman	Professor, AMCHSS – Member
5.	Dr.Unnikrishnan K.P.	Professor, Dept. of Anaesthesiology – Member
6.	Er.Ranjith G.	Engineer E – Member
7.	Mr.A. Imthiaz Ahamed	Parent representative
8.	Registrar	Member
9.	Mr. Sunil L., Animal Handler-A	PWD Member
10.	Ms.Deepthy Chandran A.	Student Member
11.	Dy.Registrar	Convener

STUDENTS GRIEVANCE REDRESSAL COMMITTEE

1.	Dr. Varghese T. Panicker, Professor, Department of CVTS	Chairperson
2.	Dr. Sanjay G., Professor, Cardiology	Member
3.	Dr. Shiny Velayudhan , Scientist F, BMT Wing	Member
4.	Dr. Sujesh Sreedharan, Engineer G., BMT Wing	Member
5	Dr. Amita R., Addl Professor, Department of Transfusion Medicine	Member
6.	Dr. Srikant A, Addl. Professor, AMCHSS	Member
7.	Smt. Suja Raj, Lecturer in Nursing	Member
8.	Ms. Suja Raj.L, Lecturer in Nursing	Member
9	Dr. Remya G. S., DM Paediatric Cardiology	Member
10.	A student representing the Wing where the grievance has occurred to be nominated by the Dean/Director	Special invitee
11.	A student representing the SC/ST community to be nominated by the Dean from time to time	SC/ST representative

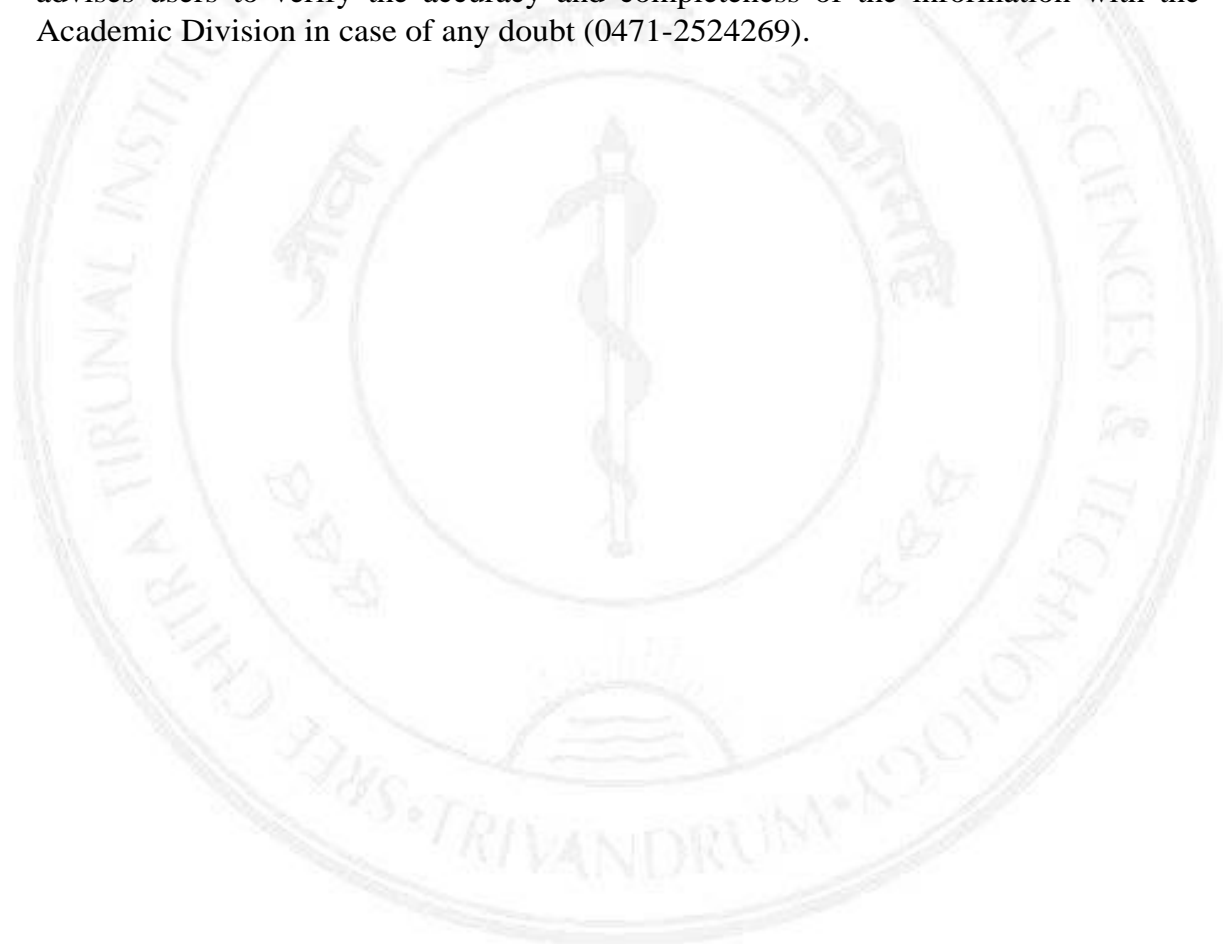
HEADS OF DEPARTMENTS/DIVISIONS

Dept./Divn.	Name	TelephoneNo.	email-ID
AMCHSS	Dr.Srinivasan K	91-471 – 2524243/ 2524500	ksrini@sctimst.ac.in
HOSPITALWING			
Anaesthesiology	Dr.Prasanta Kumar Dash	91-471-2524184	dash@sctimst.ac.in
Biochemistry–I/C	Dr.SrinivasG.	91-471-2524689	srinivasg@sctimst.ac.in
DivisionofClinicalEngineering	Er.ShajUpendran	91-471-2524123	shaj@sctimst.ac.in
Cardiology	Dr.Narayanan Namboodiri.	91-471-2524384	kknnamboodiri@sctimst.ac.in
Cardiovascular &ThoracicSurgery	Dr.Vivek V. Pillai	91-471-2524660	vvp@sctimst.ac.in
Computer Division	Dr. Geetha G.	91-471-2524534	geetha@sctimst.ac.in
TransfusionMedicine	Dr.SrinivasG.	91-471-2524689	srinivasg@sctimst.ac.in
Microbiology	Dr.Kavita Raja	91-471-2524222	kavita_raja@sctimst.ac.in
Neurology	Dr. Ashalatha R.	91-471-2524382	drashalatha@sctimst.ac.in
Neurosurgery	Dr.Krishnakumar K.	91-471-2524246	kkns@sctimst.ac.in
Pathology-I/C	Dr.Deepti A.N.	91-471-2524605	akkihebbal@sctimst.ac.in

Imaging Sciences and Interventional Radiology	Dr. Jayadevan E.R	91-471-2524217	drjayadevan@sctimst.ac.in
Department of Applied Biology	Dr. Umashankar P.R.	91-471-2524226	umashnkr@sctimst.ac.in
Department of Biomaterial Science and Technology	Dr. Manoj Komath	91-471-2524320	manoj@sctimst.ac.in
Department of Medical Devices Engineering	Mr. Muraleedharan C.V	91-471-2524259	muralicv@sctimst.ac.in
Department of Technology and Quality Management	Dr. Roy Joseph	91-471-2524275	rjoseph@sctimst.ac.in

DISCLAIMER

While every effort has been made to ensure the accuracy of this information at the time of publication, addition, updates, alterations and changes in circumstances may occur between the time of publication and the time the user views the information. The Institute advises users to verify the accuracy and completeness of the information with the Academic Division in case of any doubt (0471-2524269).



**FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES
APPLYING FOR ADMISSION TO CENTRAL EDUCATIONAL
INSTITUTIONS (CEIs), UNDER THE GOVERNMENT OF INDIA**

This is to certify that Shri/Smt./Kum.
Son/Daughter of Shri/Smt. of Village/Town
..... District/
Division in the
State belong to the Community which is recognized as
a backward class under:

- i. Resolution No. 12011/68/93-BCC(C) dated 10/09/93 published in the Gazette of India Extraordinary Part I Section I No. 186 dated 13/09/93.
- ii. Resolution No. 12011/9/94-BCC dated 19/10/94 published in the Gazette of India Extraordinary Part I Section I No. 163 dated 20/10/94.
- iii. Resolution No. 12011/7/95-BCC dated 24/05/95 published in the Gazette of India Extraordinary Part I Section I No. 88 dated 25/05/95.
- iv. Resolution No. 12011/96/94-BCC dated 9/03/96.
- v. Resolution No. 12011/44/96-BCC dated 6/12/96 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 11/12/96.
- vi. Resolution No. 12011/13/97-BCC dated 03/12/97. vii. Resolution No. 12011/99/94-BCC dated 11/12/97. viii. Resolution No. 12011/68/98-BCC dated 27/10/99.
- ix. Resolution No. 12011/88/98-BCC dated 6/12/99 published in the Gazette of India Extraordinary Part I Section I No. 270 dated 06/12/99.
- x. Resolution No. 12011/36/99-BCC dated 04/04/2000 published in the Gazette of India Extraordinary Part I Section I No. 71 dated 04/04/2000.
- xi. Resolution No. 12011/44/99-BCC dated 21/09/2000 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 21/09/2000.
- xii. Resolution No. 12015/9/2000-BCC dated 06/09/2001. xiii. Resolution No. 12011/1/2001-BCC dated 19/06/2003. xiv. Resolution No. 12011/4/2002-BCC dated 13/01/2004.
- xv. Resolution No. 12011/9/2004-BCC dated 16/01/2006 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 16/01/2006.
- xvi. Resolution No. 12011/14/2004-BCC dated 12/03/2007 published in the Gazette of India Extraordinary Part I Section I No. 67 dated 12/03/2007.
- xvii. Resolution No. 12015/2/2007-BCC dated 18/08/2010.
- xviii. Resolution No. 12015/13/2010-BCC dated 08/12/2011.

Shri/Smt./Kum. and/or his family
ordinarily reside(s) in the District/
Division of State. This is also to certify that
he/she does not belong to the persons/sections (Creamy Layer) mentioned

in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M.No.36012/22/93-Estt.(SCT) dated 08/09/93 which is modified vide OM No.36033/3/2004 Estt.(Res.) dated 09/03/2004 and further modified vide OM No.36033/3/2004-Estt.(Res.) dated 14/10/2008 and further modified vide OM No. 36033/1/2013-Estt (Res.) dated 27/05/2013 or the latest notification of the Government of India.

Dated: District Magistrate/Deputy Commissioner/ Competent Authority
Seal

NOTE:

A The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.

b. The authorities competent to issue Caste Certificates are indicated below:

- i. District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / Ist Class Stipendiary Magistrate / Sub-Divisional Magistrate / Taluk Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).
- ii. Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
- iii. Revenue Officer not below the rank of Tehsildar', and
- iv. Sub-Divisional Officer of the area where the candidate and/or his family resides.

The date of issue of OBC(NCL) certificates should be within one year from the Last date of application.

Government of

(Name & Address of the authority issuing the certificate)

INCOME & ASSET CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS.

Certificate No _____ Date: _____

VALID FOR THE YEAR _____

This is to certify that Shri/Smt./Kumari _____
son/daughter/wife of _____ permanent resident of
_____, Village/Street _____ Post Office
_____, District _____ in the State/ Union
Territory _____ Pin Code _____ whose photograph is
attested below belongs to the Economically Weaker Section, since the gross annual
income* of his/her "family" is below Rs.8 lakhs (Rupees Eight Lakhs only) for the
financial year _____. His/her family does not own or possess any of the following
assets***

- I. 5 acres of agricultural land and above;
- II. Residential flat of 1000 sq. ft. and above;
- III. Residential plot of 100 sq. yards and above in notified municipalities;
- IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

2. Shri/Smt/Kumari _____
belongs to the _____ caste which is not recognized as a Scheduled
Caste, Scheduled Tribe and Other Backward Classes (Central List)

Signature with seal of Office _____

Name _____

Designation _____

Recent passport size
attested photograph of
the applicant

***Note 1:** Income covered from all sources, i.e., salary, agriculture, business, profession, etc.

****Note 2:** The term "Family" for this purpose includes the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years

*****Note 3:** The property held by a "Family" in different locations or different places/cities have been clubbed, while applying the land or property holding test to determine the EWS status.

(To be provided on the letterhead of the institution)

No...., Date.....

No Objection Certificate

Mr./Ms., is an employee in the Department of atHe/She wishes to apply for theprogram of Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum. The has no objection related to his/her undergoing the said program at..... during the period from ...to The will sponsor him on this program.

With best regards,

(Signature of the sponsoring authority)

