



श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान, त्रिवेंद्रम
केरल- 695 011, भारत

(एक राष्ट्रीय महत्व का संस्थान, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार)

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

KERALA - 695011, INDIA

(An institution of National importance, Department of Science and Technology, Govt. of India)

विवरण पत्रिका
PROSPECTUS

शैक्षणिक कार्यक्रम

ACADEMIC PROGRAM

(PDF/PhD/PG Diploma/Diploma)

सत्र-जनवरी 2022

SESSION – January 2022

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, Govt. 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 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 development of high quality, medical devices and technology of industrial significance. The emphasis is on development of activities less readily available in the country such as interventional radiology, interventional stroke care, cardiac electrophysiology, advanced cardiothoracic and vascular surgery, surgery for epilepsy, micro neurosurgery, deep brain stimulation for movement disorders, development of new biomedical devices and products, evaluation of medical devices to global specifications, new 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 and technological development and public health research.

The Institute's objectives are:

- 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 and 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 programs in medical sciences and biomedical engineering and stipulates that the medical degrees and diplomas granted by the Institute shall be recognized medical qualifications for the purpose of the Indian Medical Council Act and that they shall be deemed to be included in the First Schedule to that Act.



PROGRAMS OFFERED IN 2022 SESSION

Post- Doctoral Fellowship (Post DM/MCh/DNB) /PhD	Other Programs
	Joint Programs with IIT Madras & CMC Vellore
1. PDF (Post-Doctoral Fellowship Post DM/MCh /DNB)	1. M Tech (Clinical Engineering)
2.PhD	2. PhD (Biomedical Devices and Technology)
PG Diploma Programs	Affiliated Programs Conducted at other Centres
1. Cardiac Laboratory Technology	A. ICMR-National Institute of Epidemiology, Chennai
2. Neuro-Technology	1. Master of Public Health [(MPH) (Epidemiology and Health Systems)]
3. Medical Records Science	B. Christian Medical College, Vellore
4. Blood Banking Technology	1. Master of Science (Bioengineering)
5. Clinical Perfusion	2.PhD(Bioengineering/Biomedical Sciences)
Diploma Programs	3.Master of Public Health (MPH)
1. Diploma in Cardiovascular & Thoracic Nursing	C. Indian Institute of Information Technology and Management- Kerala
2. Diploma in Neuro- Nursing	1. PhD (Imaging Sciences & Technology)
3. Diploma in Advanced Medical Imaging Technology	
4. Diploma in Operation Theatre & Anaesthesia Technology	



IMPORTANT DATES FOR THE ACADEMIC SESSION - JANUARY 2022

Admission Notification	1 st October 2021
Availability of online Application (Except for MD/DM/MCh programs*)	01.10.2021 to 30.10.2021 (up to 5.00 pm)
Availability of online Application for PDFs	16.10.2021 to 15.11.2021 (up to 5.00 pm)
Hall ticket download	Ten days prior to the entrance examination
Commencement of programs	1 st January 2022
Director's welcome address	10 th January 2022
SCHEDULE OF ENTRANCE EXAMINATIONS / FINAL INTERVIEW	
<i>Program</i>	<i>Date/Time/ Mode of Selection</i>
Diploma, PG Diploma, PhD programs	The written test and interview will be conducted between 8th of November 2021 and 18th of November 2021. 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 ticket will be sent to your registered email id only.
Post-doctoral fellowship-PDF(Post-DM/MCh/DNB)	The selection interview will be conducted between 14th December 2021 and 22nd December 2021. 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 ticket will be sent to your registered email id only.
Type of Objective Questions / Marking Scheme Correct Answer	Multiple Choice Questions (MCQs) /One mark (+)1 for correct answer (No negative marks for Wrong answers/ Marked for Review/ Not Answered questions)
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>Departmental assessment/Interview: The date and time for departmental assessment/interview will be intimated along with the online exam result put up in the website.</p> <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>*- MD/DM/MCh admission will be through INI-CET/INI-SS</p>	



1. POST-DOCTORAL FELLOWSHIP (PDF) (Post DM/MCh/DNB)

The Institute offers a **one-year** Post-doctoral Fellowship (PDF) for those who have DM/MCh (3-year) or equivalent qualifications. The PDF provides an excellent opportunity to obtain 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 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 (for Post-doctoral Fellowship):

- DM/MCh (3 years) or equivalent qualification from MCI recognized institutions.
- Registration with Central/State Medical Council.
- Residents who are in the final year of the program can apply; however they should submit the certificate at the time of joining.

Application to 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/teacher under whom the candidate worked.

Upper Age Limit

Forty five years (as on 1st January 2022), relaxable by five years for SC/ST Candidates, sponsored candidates and for qualified Ex-service personnel with a service of not less than 5 years.

Method of selection

Short-listing of the application based on the merit of a 500 words short research project proposal and letters of references. Short listed candidates will be called for departmental assessment followed by an interview for final selection.



The following PDF positions are available for the January 2022 session.

	Department /Subspecialty	No. of seats	Program supervisor with email ID
(i)	Department of Neurology		
	Electroencephalography	One	Dr. Ashalatha R Email: drashalatha@sctimst.ac.in
	Epilepsy	One	Dr. Ashalatha R Email: drashalatha@sctimst.ac.in
	Movement Disorders	One	Dr. Syam K Email: drsyam@sctimst.ac.in
	Neuromuscular Disorders	One	Dr. Sruthi S. Nair Email: sruthisn@sctimst.ac.in
	Stroke	One	Dr. P.N. Sylaja Email: sylajapn@sctimst.ac.in
(ii)	Department of Cardiology		
	Adult Cardiology and Interventions	One+ One#	Dr. Harikrishnan S Email: drhari@sctimst.ac.in
	Cardiac Electrophysiology	One+ One#	Dr. Narayanan Namboodiri K.K. Email: kknambodiri@sctimst.ac.in
	Paediatric Cardiology	One	Dr. Krishnamoorthy K.M. Email: kmkm@sctimst.ac.in
(iii)	Department of Neurosurgery		
	Cerebrovascular Surgery	One	Dr. Easwer H.V. Email: easwer@sctimst.ac.in
	Skull Base Neurosurgery	One	Dr. Easwer H.V. Email: easwer@sctimst.ac.in
(iv)	Department of CVTS		
	Adult Cardiac Surgery/ Paediatric Cardiac Surgery	One+ One#	Dr. Baiju S. Dharan Email: baijusd@sctimst.ac.in
(v)	Department of Anaesthesiology		
	Pediatric cardiac Anaesthesia	One#	Dr Thomas Koshy Email: koshy@sctimst.ac.in

Subject to GB approval

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

Program	Duration	Scale of pay /Stipend in INR per month
PDF	01 yr	80900*

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

Please see page 27 for fee structure

For more details regarding PDF program, contact:

THE REGISTRAR

SCTIMST, Trivandrum, Kerala- 695011, India.

Telephone: 91-471- 2524269/289/649/150

Fax: 91-471-2446433 E-mail: reg@sctimst.ac.in Website: www.sctimst.ac.in

2. PhD PROGRAM

Promoting interdisciplinary research, the Institute offers PhD program in the following major research areas.

Physical Sciences

Biophotonics, plasma coating, Nano biotechnology, Bioimaging, Biomedical and Biomaterial sciences.

Chemical Sciences

Polymer synthesis and characterization, Polymer processing, Smart polymers, Interpenetrating polymer networks, Dental polymers, Surface modification of polymeric devices, Radiopaque polymers.

Biological Sciences/Biomedical Sciences

Biochemistry, Cell Biology, Cellular and Molecular Cardiology, Neurobiology, Microbial Technology, Pathology, Physiology, Toxicology, Thrombosis, Implant Biology, Tissue Engineering & Regenerative Technologies, Adult stem cells & Regenerative medicine, 3-D Construction of Tissue substitutes.

Bioengineering

Artificial Organs, Biosensors, Bioinstrumentation, Medical Device Technology, Functional neuroimaging, Magnetic Resonance Imaging, Medical image processing.

Biomaterial Science and Technology

Bioceramics, Dental materials, Material tissue interactions, Drug delivery & sensing, Biomedical polymers, Scaffolds for tissue engineering.

Health Sciences (Full Time & Part Time)

Epidemiology, Gender issues in Health, Health Policy, Health Management, Health Systems, Public Health Informatics, GIS in Public Health.

Medical Sciences

Neuro Sciences, Cardiac Sciences, Imaging Sciences and Interventional Radiology.



Admission

The selection for PhD will be carried out **twice** in a calendar year, **in June and November for July and January sessions, respectively**. The availability of research guides will be notified in the Institute website **www.sctimst.ac.in**. The July selection is restricted to fellowship holders and MPhil (Biomedical Technology-SCTIMST) degree holders only.

Part time registration for the PhD program is available in Health Sciences at AMCHSS. External or part time registration is not available for the PhD programs in other areas.

MINIMUM EDUCATIONAL QUALIFICATIONS FOR ADMISSION

Physical Sciences: Post graduate degree in Physics (All branches)

Chemical Sciences: Post graduate degree in Chemistry (All branches)

Biological Sciences/Biomedical Sciences: Post graduate degree in any branch of Life Sciences (Physiology, Biochemistry, Biotechnology, Zoology, Bioinformatics, Plant sciences etc.) / dentistry.

Bioengineering: Post graduate degree in Polymer Engineering/Technology, Material Science, Biomedical Engineering, Instrumentation Engineering, Biotechnology, Clinical Engineering, Biomedical Engineering, Electronics and Communication Engineering, Electrical & Electronics Engineering, Computer Science or Information Technology.

Biomaterial Science and Technology: MPhil (Biomedical Technology), Post graduate degree in Physics, Chemistry, Polymer Chemistry, Polymer Science, Material Science, Biotechnology or Veterinary Science.

Health Sciences: Post graduate degree in Modern Medicine, Public Health, Dentistry, Nursing, Veterinary Sciences, Demography, Economics, Sociology, Social Work, Political Science, Business Management (MBA), Public Administration, and Statistics. Other post graduate degrees may be approved by the Academic Committee after examining the merits of the suggestion.

**Minimum marks required to apply:**

Consistently good academic record with 60% (CGPA 6.5/10) marks in undergraduate and post graduate degree examinations.

Medical Sciences: MBBS degree from any university recognized by National Medical Commission/ erstwhile Medical Council of India (MCI). Candidates should have completed one year compulsory rotating internship or its equivalent as recognized by NMC/MCI after passing the final year MBBS examination. Candidates should have full registration with a State Medical Council. Candidates with Post Graduate Medical qualifications (MD/MS/DNB) can also apply but no special reservation or preference will be given. Applicants should have 55% of marks in MBBS Degree and need to be holders of National Level fellowship from UGC/CSIR/ICMR.

Candidates should not have more than 2 attempts in MBBS program.

Available areas in Medical Sciences:

- (a) Neuro sciences
- (b) Cardiac Sciences and
- (c) Imaging Sciences & Interventional Radiology.

Method of selection

The selection of research scholars will be based on the performance in the written test and interview. Individual JRF holders (UGC, CSIR, ICMR and DBT) or MPhil (Biomedical Technology) degree holders of SCTIMST are exempted from written test, and their selection will be on the basis of interview only. Individual KSCSTE JRF, INSPIRE holders have to qualify in the written test and interview of this Institute.

Candidates awarded Senior Research Fellowships (SRF) from other sources (KSCSTE, UGC, CSIR, ICMR, etc.) have to qualify in the written test and interview conducted by the Institute.

Candidates must upload a **Research Proposal** (about 1000 words) and a **Statement of Purpose for undertaking a research career** (about 300 to 500 words) while submitting their application.

The Institute reserves its right to short list candidates based on the academic merit and scientific records of the applicants and availability of research guides every year.

The list of approved guides and their areas of research interest is available at:

https://sctimst.ac.in/Academic%20and%20Research/Academic/Guidelines,%20Manuals,%20Forms/resources/PhD_Guides_with_Area_of_Speciality_2019.p df.

Internal candidates for PhD registration*

- 1) Any academic faculty member whose probation has declared may register for PhD program of the Institute.
- 2) All faculty members need to write the entrance exam and attend the interview for the same to qualify for registration to PhD program.
- 3) These faculty members will be termed as internal candidates
- 4) Total duration of PhD program will be three to seven years.

Appointment of external guides for in-service employees

- 5) Any academic faculty of BMT Wing whose probation has declared may register for PhD program of the Institute with an external guide from an IIT or NIT or other national Institutes, provided eligible guides are absent in SCTIMST in the field of research.
- 6) These employees may select guides from the above institutes and the list of guides has to be approved by the Academic Committee of SCTIMST.
- 7) It is mandatory that the PhD work has to be done at SCTIMST and the area of research is in line with SCTIMST's mandate for research and development.
- 8) These faculties should also have an approved guide of SCTIMST as Co- guide to monitor the progress of the work.
- 9) In the cases where the permanent internal faculty has been re-appointed through direct recruitment to a higher post, the past permanent employment and completion of probation in the lower post would be adequate to qualify for PhD registration.

Funds provided for Institute work should not be diverted for thesis work. These employees should satisfy all the requirements of the Institute for the award of PhD degree.

(* Points 1-4, Subject to GB approval)



Age limit

There is no age limit for admission to the PhD Program.

Number of seats and reservation

PhD registration is not guaranteed for the candidates who are selected for admission. Selected candidates are expected to interact with the recognized guides of the Institute and discuss with them regarding their research interest. A guide may accept a student based on the availability of slot, his/her areas of specialization, research interest of the student, availability of research grants and financial support available for the student. Adequate measures will be taken during the selection process to ensure representation of students from the reserved categories in the selection list. Candidates belong to reservation category are advised to contact the student reservation cell/nodal officer for scholarships at SCTIMST for more information about other schemes.

PhD Manual

For all details, please refer the PhD manual (General), PhD manual (Health Sciences) & SOP for students available in our website

www.sctimst.ac.in

(<http://sctimst.ac.in/Academic%20and%20Research/Academic/Guidelines,%20Manuals,%20Forms/>)

The Biomedical Technology (BMT) Wing of SCTIMST with the following objectives have the facilities to do the PhD program apart from Hospital wing and AMCHSS wing of SCTIMST.

BIOMEDICAL TECHNOLOGY (BMT) WING

Objectives

Promotion of Biomedical Engineering and Technology and development of post-graduate training programs of the highest quality in this area.

The present vision of the wing is to:

- Develop technologies which are competitive in the international market
- Carry out research in frontier areas of health care technology
- Provide testing support conforming to national/international standards



A team of scientists, engineers and technical staff work here in multidisciplinary areas, ranging from biomaterials development and characterization to medical devices development, evaluation and technology transfer. Over the last four decades, a number of products have been successfully developed and commercialized, catalyzing the growth of medical device industry in India.

In the current context of globalization, a quality management system for its testing services conforming to ISO/IEC 17025 has been implemented, enabling international acceptance of test results. This system is now accredited by *Le Comite francais d'accreditation* (COFRAC) of France.

High quality research and publications have led to peer recognition as a valued scientific research institution nationally and internationally. This has resulted in many international collaborative research programs.

Research Opportunities and facilities:

Biomedical Technology Wing aims to bring advances in research outcomes of the laboratory into the clinical setting to benefit patients at the earliest opportunity. The exceptional infrastructure facilitated in the campus underpins biomedical research and enables advances to improve the patient care. Institute has focused on creating resources to develop technologies that are cost- effective, accessible and responsive to the clinical needs of our population.

The material research group has proven record of research towards synthesis and characterization of biomedical polymers, their characterization and testing for biocompatibility to qualify the material for medical applications. The engineering & device development group has successfully developed and commercialized critical products which include blood bag, artificial heart valve, and oxygenator.

Major programs include development of materials for orthopedic and dental applications, cardiovascular device fabrication, drug delivery systems, nano- medicine, sensors and tissue engineering scaffolds. Biological research focuses on culture and differentiation of adult stem cells for regenerative medicine, *invitro* tissue engineering, development of bio therapeutics and diagnostic reagents.

Sophisticated analytical equipment are available in the campus for characterization of materials which include scanning and transmission electron microscopes, Raman & FT-Raman spectroscope, atomic force microscope, ICP, X-ray diffraction, micro computerized tomography, chromatography systems such as HPLC, gas chromatography and LCMS. Other routinely used and well- maintained equipment and facilities are available in all labs.



Important biological research equipment available are confocal microscope, environmental SEM, 3D bioprinting of tissues, 3D bioprinter, fluorescent activated cell sorter (FACS), Real Time PCR, ultra centrifuge and continuous flow centrifuge, Imaging systems for fluorescence/ luminescence/ radioisotope detection, live cell imaging, and facilities for proteomic and genomic analysis etc. apart from routinely used equipment that are available in almost all labs. Excellent cell culture and analysis facilities are present in almost all cell biology research labs.

The well maintained small and large animal experimental facility with excellent animal operating rooms provides the *in vivo* evaluation support. Toxicological evaluation of materials is done under GLP compliance. Tissue analysis is done to evaluate the results of experimental research using state-of-art histological/ immunochemical/imaging techniques facilitated with sophisticated sample processing and analysis tools.

Above all, BMT wing harness the academic and technological expertise of its multidisciplinary research faculty to conduct high-quality, patient-focused translational research. This involves taking research from the laboratory to the patient's bedside.

ACHUTHA MENON CENTRE FOR HEALTH SCIENCE STUDIES (AMCHSS)

AMCHSS, the Public Health and Health Sciences Wing of Sree Chitra Tirunal Institute for Medical Sciences and Technology is devoted to Public Health, and Social Sciences in relation to health care and development. It started the Master of Public Health (MPH) Program in January 1997, PhD Program in 2003 and Diploma in Public Health (DPH) in 2005. Central to its mission are:

- 1) Educating students to assume leadership roles in public health policy and practice;
- 2) Advancing knowledge of the social, biological, economic and behavioral dimensions of health and to perform costing, cost-efficiency, and epidemiological studies and policy analysis; and
- 3) To provide technical expertise and consultancy service on public health issues to the public, NGO and the private sector. The Ministry of Health and Family Welfare, Govt. of India has accepted this Centre as a "Centre of Excellence for Public Health



Training”. There is part time and full time PhD program in Health Sciences. The part time registration for the PhD program is only available in Health Sciences. There is no External or part time Registration for the PhD program in any other areas.

PhD program is conducted at all three wings of SCTIMST.

For more details regarding PhD program, contact:

THE DEPUTY REGISTRAR

Division of Academic Affairs

SCTIMST, Trivandrum, Kerala- 695011, India.

Telephone: 91-471- 2524269/289/649/140

Fax: 91-471-2446433 E-mail: dreg@sctimst.ac.in Website: www.sctimst.ac.in

3. PG DIPLOMA / DIPLOMA PROGRAMS

1. SPECIALITY NURSING PROGRAMS

The Institute offers two Speciality Diploma programs in nursing to meet the growing demand for competent and trained nurses in super specialties. These programs are:

- (i) Diploma in Cardiovascular & Thoracic Nursing
- (ii) Diploma in Neuro Nursing.

The programs are designed to offer advanced education and clinical experience to registered nurses to prepare them as skilled bedside nurses in respective specialties including outpatients, inpatient and intensive care areas and equip them to assume leadership roles in these areas as skilled clinical nursing personnel.

MINIMUM EDUCATIONAL QUALIFICATIONS FOR ADMISSION

- a. GNM or B.Sc. Nursing.
- b. For GNM candidates, one year experience as bedside nurse after passing GNM, as on 31st December, 2021
- c. Professionally registered as a nurse by any recognized State Nursing Council in India or by Nursing Boards approved by the Indian Nursing Council.

Upper age limit

35 years (as on 1st January 2022), relaxable by 3 years for OBC candidates, 5 years for SC/ST candidates, Sponsored candidates and for qualified Ex- service personnel with a service of not less than 5 years.

Summary of Specialty Nursing programs

<i>Programs</i>	<i>No. of seats</i>	<i>Duration</i>
Diploma in Cardiovascular & Thoracic Nursing	10+1	2 years
Diploma in Neuro Nursing	10+1	2 years

Reservation

Reservation will be followed as per Government of India policy

Programs	UR	Reserved for					Total
		SC	ST	OBC	EWS	PwD (horizontal reservation)	
Diploma in Cardiovascular & Thoracic Nursing	5	1	1	3	1	1#	10+1
Diploma in Neuro Nursing	5	1	1	3	1	0	10+1

#Reservation will be rotated between these two courses in consecutive years.

Stipend (per month in Rupees) (Except for Sponsored candidates)

Program	Duration	Scale of pay / Stipend in INR per month
Speciality in Nursing diploma program	1st year	11,440#
	2nd year	13,350#
PG Diploma/Diploma program	1st year	8,580#
	2nd year	10,490#

Applicable cost of living index as per Institute Rules.



Method of Selection

Selection will be strictly on merit on the basis of percentage of marks obtained in the common entrance examination for Cardiovascular & Thoracic Nursing and Neuro-Nursing held by the Institute. The candidates may indicate their preferred choice of the specialty in the application form. The common entrance examination will be held in the Institute. Based on seat availability, preference and merit obtained in the entrance examination, selection list will be finalized.

Sponsored candidates will also go through the selection process but a separate list of finally selected candidates from those who qualify in the Entrance Examination will be put up.

The minimum pass marks in the objective-type MCQ examination will be 50% for all. Candidates who have qualified in the written examination will be short-listed for practical. Interview date will be intimated later.

Uniform for Specialty Nursing program

Female : White Churidhar set

Male : Black pants, white shirt

White half sleeve overcoat for all

During 1st year each student has to undertake a clinical nursing study project and submit the report before 31st October which is a pre-requisite for appearing for the university examination during 1st year. Eighty Five percent (85%) attendance is mandatory for appearing in the university examination.

Note: See “Special Information” (Page 32)

2.PG Diploma in Cardiac Laboratory Technology

The rapid advances in science and technology have transformed cardiac medical practice from purely clinical to laboratory-oriented cardiology. This has resulted in newer investigative techniques and procedures for both diagnostic and therapeutic purposes. There is a need for training people as more hospitals strive to update the practice of cardiology. The training program will cater to the needs of those technical personnel who will be in increasing demand in the years to come. The students will be attached to the Departments of Cardiology and Clinical Engineering.



3.PG Diploma in Neuro-Technology

The advent of sophisticated electronic equipment and computers has made neurophysiology a fast developing clinical specialty. Simultaneously, the need for well-trained technicians to maintain and use these machines has become a necessity. A highly developed epilepsy program offers hands on experience in video-EEG monitoring, intra operative electro-corticography and stimulation and brain mapping. They will be exposed to other Neurophysiological like EMC, NCV, evolved potentials, sleep studies, emergent EEGs. The students will be attached to the Department of Neurology and Clinical Engineering.

4.PG Diploma in Medical Records Science

Health care records are maintained to pursue the clinical, academic, administrative and legal requirements of the hospital. The medical record is a confidential document and it is a product of privileged communication between patients and health care providers.

This academic program is designed to train candidates potentially to organize and maintain a Manual/Electronic Medical Records Department. The students will be attached to the Medical Records Department and sections of Hospital Administration.

5.PG Diploma in Clinical Perfusion

This course is designed to train the candidate to become a Perfusionist who is a blood circulation specialist with a unique role in the field of cardiac surgery. Cardiac and pulmonary circulation is temporarily bypassed to facilitate a bloodless field, whereby the surgeon can perform the necessary repair inside the heart.

A Perfusionist manages the Heart- Lung Machine equipment through which venous blood from the patient is diverted, oxygenated and infused back to the patient when the mechanical action of heart is temporarily stopped. The Perfusionist is also responsible for hypothermia, total circulatory arrest etc. The patient is warmed back and weaned off the Heart Lung Machine. Student Perfusionist is required to work in the operation theatre and has to follow aseptic techniques. He/She will be given clinical and theoretical training in the set up and operation of Heart Lung Machine, perfusion management, and support devices such as Intra-Aortic Balloon Pump etc. The students will be attached to the Department of CVTS.

6. PG Diploma in Blood Banking Technology

Rapid advances in technology have revolutionized blood transfusion services and enhanced our knowledge in Transfusion Medicine.



This has necessitated thorough selection of donors for donor and recipient safety during blood donation, extensive serological and immune-hematological techniques, infectious disease screening, processing of blood into components for optimal usage and proper storage of blood and components. During the training period students will have ample 'hands-on experience' under expert guidance and supervision. There is a growing need in the State for training in this speciality owing to the acute shortage of trained personnel. During the training program, the student will have enough opportunity to be familiar with state-of-the-art equipment and access to computer and library facilities. Training is designed to equip students to meet increased demand for qualified personnel in blood banks. The students will be attached to the Department of Transfusion Medicine and Section of Hospital Administration.

7. Diploma in Operation Theatre & Anaesthesia Technology

Various advances in the field of anaesthesia techniques and medical equipment used in modern operation theatres, catheterization labs and radiological suites are great knowledge and learning experience. The course is designed to understand basic and advanced principles of anaesthesia and use of modern-day technologies to assist anaesthesiologists in aiding in the management of patients for surgery. The safety of patients depends largely on reliable and smooth functioning of state of art biomedical equipment. The objective of the course is also to train candidates in management of biomedical equipment, medical gases and hospital pipeline systems. The students will be attached to the Department of Anaesthesiology and Clinical Engineering.

8. Diploma in Advanced Medical Imaging Technology

Medical Imaging Techniques have advanced tremendously in the last decade and have found widespread use in diagnostic applications. However, the scarcity of well-qualified technical personnel has always been a problem in exploiting the full potential of these techniques. The Department of Imaging Sciences & Interventional Radiology at this Institute is one of the best-equipped departments of its kind in the country. Apart from conventional radiological facilities for outpatient radiography, tomography, myelography and so on, CT Scan and Digital Subtraction Angiography (DSA) units are functioning for the last several years. A state-of-the-art Magnetic Resonance Imaging unit and a PACS system are also functional. The students will be attached to the Departments of Imaging Sciences and Interventional Radiology and Clinical Engineering.



MINIMUM EDUCATIONAL QUALIFICATIONS FOR ADMISSION

PG Diploma in Cardiac Laboratory Technology (PGDCLT)

BSc degree of any recognized university in India with Physics as major or ancillary subject with aggregate marks of at least 50%.

PG Diploma in Neuro Technology (PGDNT)

BSc Physics, Chemistry, Biological Sciences, Bio-Technology or Computer Science with aggregate marks of at least 50%.

PG Diploma in Medical Records Science (PGDMRS)

BSc degree of any recognized university in India with aggregate marks of at least 50%.

PG Diploma in Clinical Perfusion (PGDCP)

BSc degree in Zoology as main or subsidiary subject of any recognized university in India. An aggregate of at least 50% marks is required.

PG Diploma in Blood Banking Technology (PGDBT)

BSc in any branch of Biological Science from a recognized university with an aggregate of at least 50% marks in these subjects.

Diploma in Operation Theatre & Anaesthesia Technology (DOTAT)

Diploma in Electronics/Biomedical Engineering/Instrumentation from a recognized institution with a good academic record.

Diploma in Advanced Medical Imaging Technology (DAMIT)

Certificate in Radiographic Assistance (CRA)/ Diploma in Radiological Technology (DRT) 2 year course or equivalent or higher qualification from a recognized institution with aggregate marks of at least 50%.

Upper Age Limit

25 years (as on 1st January 2022) relaxable by 5 years for SC/ST and sponsored candidates, 3 years for OBC candidates.

Reservation: Reservation will be followed as per Govt. of India norms.

Program	UR	Reserved for				Total
		SC / ST	OBC	EWS	PwD (horizontal reservation)	
DAMIT	2	0	1*	-	1#	3+1#
DOTAT	1	1*	0	-	-	2
PGDBT	1	0	1*	1#	-	2+1#
PGDCLT	2	1*	0	1#	-	3+1#
PGDCP	1	0	1*	-	-	2
PGDMRS	1	1*	0	-	-	2
PGDNT	2	1*	1*	-	-	4

(*) – Reservation for SC/ST & OBC will rotate among the courses in consecutive years.

(#) – Reservation for EWS & PwD will be on rotational basis between the courses.



Method of Selection

Selection will be strictly on merit on the basis of percentage of marks obtained in the entrance examination (MCQ based exam and viva-voce held by the Institute). Sponsored candidates will also go through the procedure for selection but a separate rank list will be put up for the two categories (general and sponsored quota)

Minimum pass marks in the objective-type written examination of 90 minutes duration (100 questions) will be 50% for all. Candidates who have qualified in the written examination will be short-listed for interview.

In addition, candidates will be admitted if sponsored by the Government, Governmental Agencies or Universities.

Candidates belonging to Scheduled Caste/Scheduled Tribe need secure only 50% in the qualifying examinations.

Note: See “Special Information” on Page 32

For application procedures and important date, please see page 5.

Summary of PG Diploma/ Diploma Programs

Programs Available	Seats	Duration (Years)	Qualification
PG Diploma in Cardiac Laboratory Technology	3	2	BSc with Physics as major or ancillary 50% aggregate
PG Diploma in Neuro Technology	4	2	BSc Physics, Chemistry, Biological Sciences, Bio Technology or Computer Science 50% aggregate
PG Diploma in Medical Records Science	2	2	BSc with 50% aggregate
PG Diploma in Clinical Perfusion	2	2	BSc Zoology as main or subsidiary, 50% Aggregate
PG Diploma in Blood Banking Technology	2	2	BSc in any branch of Biological Science, 50% aggregate
Diploma in Operation Theatre & Anaesthesia Technology	2	2	Diploma in Electronics/ Biomedical Engineering / Instrumentation
Diploma Advanced Medical Imaging Technology	3	2	CRA/DRT 2 year course or equivalent or higher 50% aggregate



SPECIAL INFORMATION

Hostel accommodation

Candidates selected (except sponsored) will be provided accommodation as per rules and availability. **It is mandatory for Senior Residents to occupy PG Quarters/Hostel, as the case may be, once it is allotted to them.** No HRA will be paid to any occupants once an eligible accommodation has been allotted to them, irrespective of whether they occupy the allotted accommodation or not. Electricity and Water charges may be levied proportionally from the inmates if they are in single/double/sharing/Family accommodation.

Course Content

The training is strictly full-time and continuous. The candidates at the time of admission will be provided with a handbook covering the syllabus, training program and the examination scheme. They should acquaint themselves with the syllabus prescribed for the course to which they are admitted. They should strictly adhere to the rules and regulations of the Institute.

Contract Service

All students and Senior Residents selected for various programs are required to execute a bond of service for a duration depending upon the length of the program. Admission will be denied to candidates who fail to join or submit the contract bond by the date stipulated in the letter of selection. Private practice in any form during the pendency of the program is strictly prohibited.

BOND TO BE EXECUTED

- **Post- Doctoral Fellows (PDF)** are expected to execute a bond to remit an amount of ₹ 50,00,000 (Rupees Fifty Lakhs) to the institute, if the residents decide to leave the program from the very next day or afterwards after joining the program.
- All newly enrolled **Diploma/PG Diploma students** are expected to execute a bond to remit an amount equivalent to six months stipend if they discontinue the program and leave the Institute **after 31st January 2022.**

Duties and Responsibilities

Duties and responsibilities of students and Senior Residents shall be fixed by the Institute from time to time and will include such clinical work as may be essential for patient care and professional training.



Medical Fitness

The selection will be provisional until the candidate is declared medically fit by a Medical Board appointed by the Institute. The candidate should declare all illness connected with his/her health and should certify that he/ she is fit to undergo the rigorous program that he/she is joining. The opinion of the Medical Board shall be final.

Commencement of Academic Session

The session commences on **1st January, 2022**. Selected candidates will report on this date with all necessary original documents, the verification of which is mandatory for confirmation of admission.

Senior Residents and students will be assessed at the end of six months after admission for their academic ability, desire for training, acquisition of competence, commitment to patient care, interpersonal relationship and so on. Those with low scores will be given a chance to improve in the next three months and, if found unsatisfactory, the candidate's registration in SCTIMST will be terminated.

Evaluation

Internal assessment towards the end of the first year for Specialty Nursing programs and external examination towards the end of the second year for Specialty Nursing and other Diploma/PG Diploma Programs.

Attendance on the last working day of the program, normally **31st December** will be compulsory, except in extraordinary situations.

Please refer the syllabus and curriculum for details regarding other mandatory requirements.

Contact for further details:

THE REGISTRAR

SCTIMST, Trivandrum

Kerala-695011, India. Telephone: 91-471-2524269/649/289/150

Fax: 91-471-2550728

e-mail: reg@sctimst.ac.in Website: www.sctimst.ac.in



SPONSORED CANDIDATES (for all Programs)

Candidates will be considered as “sponsored” only when they are financially supported by the Government, Governmental agencies or Universities.

Sponsored candidates will have to apply through proper channel and submit a “No Objection Certificate” from their employer along with their application forms. Government orders regarding sponsorship conditions with financial support must be submitted at the time of admission. The decision of the Institute regarding the eligibility of sponsorship shall be final.

1. Sponsored seats are available in all programs at SCTIMST.
2. All eligible sponsored candidates seeking admission will have to appear in the entrance examination and go through the process of selection as envisaged for all.
3. The sponsored candidates will be considered separately from the application process onwards. The results of the sponsored candidates will be declared separately as Selected/wait listed.
4. Conversion from sponsored to general quota and vice versa is not possible.
5. If the seat falls vacant under general quota in such circumstances, the seat will be allotted to waitlist from general quota only.
6. The number of sponsored candidates in any course will not exceed 50% of the number of seats in general quota, however, In any department if the number of seat is only one then one more seats can be allowed under sponsored category, provided the candidates satisfy all the mandatory criteria for sponsored candidates.
7. International candidates may be considered as sponsored candidates if sponsored by their government/governmental agencies and found to be eligible for admission as per the Medical council of India/National Medical Commission (NMC)/ Government of India.

No other type of preference will be given to sponsored candidates.

Sponsored candidates are eligible for seven days Leave-on-duty for attending national conferences/workshop/seminar. They are not eligible for stipend/salary from the Institute, accommodation, HRA, medical reimbursement, travel grant, TA/DA and registration fee for conferences etc.



FOREIGN NATIONALS (FOR ALL PROGRAMS)

The Institute accepts foreign nationals for various courses but *there is no reservation of seats for foreign nationals*. Foreign nationals may be considered as sponsored candidates [need to be sponsored by their government/governmental agencies of the country they belong and found to be eligible for admission as per the Medical Council of India/National Medical Commission (NMC)]. Selection will be based on their merit in the entrance examination. They will be considered as Sponsored Candidates and the admission process will be as per the Criteria given under “Sponsored Category”.

Foreign nationals are required to apply through the Indian Council of Cultural Relations & the Ministry of External Affairs, Government of India, New Delhi. It is advised that all international students take a medical insurance policy to meet the expenses of medical treatments during course tenure at SCTIMST. A copy of the said insurance policy should be submitted at the time of the final admission.

Registration of foreign medical degree in the Travancore- Cochin Medical Councils (TCMC) needs to be obtained at the time of admission.



FEE STRUCTURE

Particulars	Post-doctoral	PhD	PG Diploma/Diploma
Application fee	₹ 2000 (₹1600*)	₹ 1,500 (₹ 1200*)	₹ 800 (₹ 640*)
Admission fee	₹ 2,000	₹ 2,000	₹ 500
Tuition Fee	₹ 58,000 (per year)	₹ 20,000 (per year) ₹40,000 (For extraordinary extension)	₹ 7,500 per year
Caution Deposit	₹ 10,000	₹ 10,000	₹ 10,000
Examination Fee: Part-I	₹ 2,000	-	₹ 250
Part-II	₹ 10,000		
Comprehensive Exam		₹ 6,000	
Thesis Evaluation Fee	₹ 1500	₹ 15,000	
Identity Card	₹ 220	₹ 220	₹ 220
Library	₹ 1,000	₹ 1000	₹ 200
Student Welfare Fund	₹ 1,000	₹ 1000	₹ 200
Certificates	₹ 1,000	₹ 1,000	₹ 200
Miscellaneous Fee	₹ 10,000		₹ 5,000

* Applicable for SC/ST candidates only.

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



ACTS WARRANTING REMOVAL OF THE STUDENT/RESIDENT

The services of the student/resident 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.

4. JOINT PROGRAMS of SCTIMST, IIT MADRAS AND CMC VELLORE



1. MTech (Clinical Engineering),
2. PhD (Biomedical Devices and Technology)

Introduction

Over the last five decades, healthcare delivery has increasingly become technology driven - be it diagnosis, treatment and rehabilitation of patients in the hospitals, or the development of new drugs, vaccines and medical devices. Today India imports almost 80% of the implants and devices used in our country. As a result, healthcare costs are high and continue to increase. In order to address this issue, a twofold strategy is needed. Firstly, it is required to set up the infrastructure and have trained human resources for indigenous technology development. Secondly, it is necessary to develop human resources for ensuring efficient and effective utilization of the technology at the healthcare delivery points - i.e., mainly in the hospitals. The three institutions - IIT Madras, CMC Vellore, and SCTIMST Trivandrum, each having a set of unique strengths and facilities, have joined together in starting two programs - "MTech in Clinical Engineering" and "PhD in Biomedical Devices & Technology" to address the issue of capacity building for reducing India's dependence on imports of medical devices. A unique feature of these courses is the clinical attachment with a maximum exposure to the clinical environment. This ensures that, at the end of the course, the students will be able to interact effectively with the clinicians, and other medical and paramedical staff in the hospital resulting in the identification of 'unmet clinical needs'. This is also expected to trigger further research leading to development of innovative indigenous healthcare technology.

Admission

(1) MTech (Clinical Engineering)

Aim: To train engineers to manage and ensure safe and effective use of technology in hospitals and healthcare delivery settings.

Duration: Two years (rotation through all the three institutions).

Eligibility: BE/BTech recognized four year course; on the basis of GATE subject (AE, CE, CH, EC, EE, IN, ME, MN, MT, PI, TF, XE) and score.

Selection: Screening test and personal interview will be conducted by IIT, Madras.

(2) PhD (Biomedical Devices and Technology)

Aim: To build leaders who can contribute to: (a) immediate specific needs of industries, R & D laboratories, hospitals, etc., (b) to be innovators and entrepreneurs in Biomedical Devices and Technology.

Duration: According to current requirements of IIT Madras

Eligibility: The same eligibility conditions for IITM PhD entrance/ MSc Physics.



Selection: Screening test and personal Interview will be conducted by IIT, Madras

Hostel: Hostel facilities are available in all the three Institutions.

Stipend: As per IIT Madras norms.

Fees Structure: (to be paid for the period required at BMT Wing, SCTIMST):

FEES FOR THE JOINT PROGRAM- MTech (CE) AT SCTIMST

Sl. No	Items of Fees & Deposits	Fees (In Rupees)
A.	One time fees	
1.	Admission fees	1000
2.	Registration Enrolment Fee	300
3.	Caution Deposit (refundable)	10,000
4.	Certificate fees	1000
5.	Student Welfare Fund	500
6.	Identity Card	220
7.	Medical Exam Fee	100
	Total	13120
	Refundable	10000
B.	Semester fees	
1.	Tuition fee *	5000
2.	Examination fee	300
3.	Library & Internet	500
	Total	5800
C.	Hostel Fees	
1.	Hostel Admission fee	250
2.	Hostel room rent (1500 x6)	9000
3.	Hostel Caution Deposit (refundable)	1000
	Total	10250
	Refundable	1000

* SC/ST students/scholars are exempted from payment of Tuition fee irrespective of their parental income subject to production of caste certificate from the competent authority not below the rank of Tahsildar.



FEEES FOR PhD JOINT PROGRAM (BIOMEDICAL DEVICES AND TECHNOLOGY)

The same fee of the regular PhD program of SCTIMST for the period required at BMT Wing (please see the fee structure in page 27).

CO-ORDINATORS:

SCTIMST: Dr. Roy Joseph

Scientist – G,
Department of Medical Devices Engineering, SCTIMST,
Poojappura,
Trivandrum - 695 012,
Kerala State.
Tel.: 0471-2520275, Email: rjoseph@sctimst.ac.in

IIT Madras: Prof. Arun K. Thittai

Professor
Department of Applied Mechanics (Biomedical Group)
MSB 232 A
Indian Institute of Technology Madras
Chennai, Tamil Nadu- 600036
Ph- (91)-44- 2257 4053
e-mail: akthittai@iitm.ac.in

CMC Vellore: Prof. Sivakumar Balasubramanian
Head, Department of Bioengineering
Christian Medical College
Bagayam, Vellore-632002
Tel: 0416-228 5098
E-mail: siva82kb@cmcvellore.ac.in

For Application forms/number of seats/course fee etc., please visit the website of IIT, Madras, Chennai (www.biotech.iitm.ac.in).

For further enquiries please contact:

The Deputy Registrar
Division of Academic Affairs
SCTIMST, Trivandrum
Kerala- 695011, India.

Telephone: 91-471-2524269/289/140

Fax: 91-471-2446433 E-mail: dreg@sctimst.ac.in Website: www.sctimst.ac.in



AFFILIATED PROGRAMS OF SCTIMST CONDUCTED AT:

1) NATIONAL INSTITUTE OF EPIDEMIOLOGY, CHENNAI

The National Institute of Epidemiology (NIE), ICMR School of Public Health, Chennai, which is an institution under the Indian Council of Medical Research (ICMR) is offering **Master of Public Health (Epidemiology and Health Systems)** under the affiliated program of SCTIMST. Programs commences from 1st July every year. The duration of the program is 2 years. The program is structured on “learning by doing” model comprising of four contact sessions across 13 months at NIE interspersed and with three field postings of 11 months duration (24 months duration in total).

Eligibility

Applicants having the following criteria will be eligible to apply for the program:

- MBBS degree recognized by the Medical Council of India
- Three years experience in public health related activities after MBBS
- Age up to 45 years as on the date of commencement of the course

(1st July every year)

Method of selection: Please refer the information brochure of NIE, Chennai

For more details, please contact:

<p>THE DIRECTOR National Institute of Epidemiology (NIE) R-127, TNHB, Ayappakkam, Chennai - 600 077, Tamil Nadu Phone: +91-44-26136420, Fax: +91-44-26820464/26136426 Email: directorne@dataone.in; nieicmr@gmail.com Website: www.nie.gov.in</p>	<p>THE DEPUTY REGISTRAR Division of Academic Affairs SCTIMST, Trivandrum Kerala- 695 011 Phone: +91 -471- 2524269/289/140 Fax: +01-471-2446443 Email: dreg@sctimst.ac.in, Website: www.sctimst.ac.in</p>
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2) CHRISTIAN MEDICAL COLLEGE (CMC), VELLORE

The following affiliated programs of SCTIMST are offered at the Christian Medical College, Vellore.

- I) Master of Science (MS) Bioengineering
- II) PhD in Bioengineering / Biomedical Sciences
- III) Master of Public Health



Eligibility

I) MS Bioengineering applicants should have:

- i. An undergraduate degree in engineering, preferably electrical, electronics, mechanical, computer science or equivalent.
- ii. A qualifying GATE score is required.

II) a) PhD in Bioengineering applicants should have:

- i. An undergraduate degree in engineering, preferably electrical, electronics, mechanical, computer Science or equivalent, and a Masters degree in Engineering preferably Bioengineering, Biomedical Engineering, Electrical, Electronics, Mechanical or equivalent.
- ii. **A qualifying GATE score is required.**
- iii. **Some exposure to college level Biology or Biomedical Research.**

b) PhD in Biomedical Sciences applicants should have:

MSc Life Sciences, MSc Physiology, Biochemistry, Biotechnology, Zoology or any other branch of Life Sciences.

Admissions:

Application to these two programs is usually advertised at CMC, Vellore in February, and candidates must apply before the end of April. An interview of short-listed candidates will be called in June to select suitable candidates. Term starts in the last week of July every year.

Duration of program:

MS Bioengineering – 2 years

PhD in Bioengineering/Biomedical Sciences – Normally 3 years, extendable up to 5 years.

PhD Biomedical Sciences needs to follow the rules/regulations specified in the PhD manual (General)/Admission Notifications / SOP for students.

c) Master of Public Health

Who can apply: Medical graduates (MBBS), Dental graduates (BDS), Graduates of AYUSH (BAMS, BNYS, BUMS, BSMS, BHMS), BTech or BE (any branch) and graduates of four-year degree programs in Veterinary/Nursing sciences, Bachelor of Physiotherapy, Bachelor of Occupational Therapy, Bachelor of Pharmacy, or students with a postgraduate degree in Statistics/Biostatistics, Demography, Population Studies, Nutrition, Sociology, Economics, Psychology, Anthropology, Social Work, Management or Law.” Work experience in health- related field is desirable.

Duration: 2 years



Core course subjects will be taught in the first year (60 credits). Teaching methods will include didactic lectures, assignments, exercises, community work for data collection, analysis and visit to public health/administrative facilities

Apply to CMC Vellore and selection tests /interview will be held there.

<i>For admission and further details, please contact:</i>	
<p><i>For MS & PhD in Bioengineering:</i></p> <p>Prof. Sivakumar Balasubramanian Head, Department of Bioengineering Christian Medical College Bagayam, Vellore-632002 Tel: 0416-228 5098 E-mail: siva82kb@cmcvellore.ac.in</p>	<p><i>For MPH program:</i></p> <p>Prof. Vinod Abraham Head, Dept. Community Health Christian Medical College, Vellore E-mail: chad@cmcvellore.ac.in</p>
<p>THE DEPUTY REGISTRAR Division of Academic Affairs SCTIMST, Trivandrum Kerala- 695 011 Phone:+91 -471- 2524269/289/140 Fax:+01-471-2446443 Email: dreg@sctimst.ac.in, Website: www.sctimst.ac.in</p>	

3) INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AND MANAGEMENT KERALA (IIITMK)

Indian Institute of Information Technology and Management Kerala (IIITMK) is an autonomous educational institution established by Government of Kerala in the year 2000. IIITMK is a multidisciplinary postgraduate institute conforming to the needs of building capacity at advanced levels of Electronics, Computer Science and Information Technology by realizing the dreams of students for higher knowledge with great emphasis in Science, Technology and Innovation. Located in the Technopark Campus in Trivandrum, IIITMK has an enviable academic ambience. IIITMK is offering PhD program under the affiliated programs of SCTIMST.

PhD program: One PhD student position is available with an approved guide in the affiliated PhD program conducted at the Medical Image Computing and Signal Processing Group (<https://www.iiitmk.ac.in/MedImagCompLab/>), IIITMK; in the following major areas: Medical imaging systems and Technology, Signal processing in MRI, Artificial intelligence in Medical image Reconstruction.



Eligibility

Post graduate degree in Engineering (MTech or equivalent), with specialization in Electronics/ Communication Engineering/ Biomedical engineering with 60% marks in graduation and post-graduation (CGPA 6.5 out of 10)

Selection Criteria: Selection is same as that of SCTIMST mentioned above for PhD program.

For more details, please contact:

<p>THE REGISTRAR IIITM-Kerala, IIITM-K Building, Techno park Campus Trivandrum Kerala 695 581 India + 91 4712784100 Email: registrar@iiitmk.ac.in</p>	<p>THE DEPUTY REGISTRAR Division of Academic Affairs SCTIMST, Trivandrum Kerala- 695 011 Phone:+91 -471- 2524269/289/140 Fax:+01-471-2446443 Email: dreg@sctimst.ac.in, Website: www.sctimst.ac.in</p>
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APPLICATION PROCEDURE

Application form and application fee to be submitted through ONLINE MODE ONLY (**Website: www.sctimst.ac.in**).

All bank charges to be borne by the applicant.

Application Fee (In Rupees)

Postdoctoral fellowship (PDF)	₹ 2000	(₹1600 for SC/ST candidates)
PhD	₹1500	(₹1200 for SC/ST candidates)
Diploma/PG Diploma/ Advanced certificate courses	₹800	(₹640 for SC/ST candidates)

Hard copy of the duly signed online generated application form along with original and self-attested copies of the certificates proving age, essential qualifications, Medical/Nursing council registration certificate, proof of caste certificate; if eligible for reservation, No objection certificate; if employed, proof of fee payment and other relevant documents are to be produced at the time of admission..

INSTRUCTIONS

1. Read the instructions available in the website before filling the application form.
2. Fill up the Application Form on-line carefully.
3. If you are an employee of a State or Central Government or Public Sector Undertaking, **No objection certificate** should be obtained from the employer prior to the submission of online application. The application will not be considered if NOC is not uploaded with the application.
4. No intimation will be sent to candidates not called for Entrance Examination or not selected and no correspondence on this subject will be entertained.
5. The rules are subject to change in accordance with decisions of the Institute taken from time to time.
6. All the correspondence will be through the registered email/mobile phone.



Check list of documents to be uploaded at the time of online application

1. Photograph (Passport size with white background)
2. Document to prove age
3. Caste certificate for SC/ST/OBC (Non-creamy layer) issued by revenue authorities not below the rank of a Tahsildar (valid as per Govt. of India norms).
4. Eligible candidates applying under EWS category are required producing EWS certificate issued by a competent authority in the prescribed format given in the annexure.
5. “No Objection Certificate” in case of employed candidates
6. Certificates to prove academic qualifications, marks, achievements and experience.
7. Registration Certificate: Medical (MBBS/MD/MS/DNB)/Nursing
8. Candidate should furnish a certificate from the respective colleges to the effect that the Department/Course is recognized by MCI or National Medical Commission (applicable only for postdoctoral courses).

Note: In case of PDF programs, those who have not completed DM & MCh/ equivalent courses at the time of interview shall produce the original certificates at the time of joining.

HALL TICKET/CALL LETTER

Eligible candidates for the entrance examination can download the Hall Ticket/ Call letter ten days prior to the scheduled date for entrance examination from SCTIMST website www.sctimst.ac.in. Intimation regarding hall ticket will be sent to the registered e-mail ID.

VENUE FOR ENTRANCE EXAMINATION: Thiruvananthapuram



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 and, if found ragging, the Institute may take appropriate action against the erring students.

Regarding ragging the directive of Hon'ble Supreme Court will be followed strictly. It is as under: "As per 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 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, withholding or cancelling the result. The decision shall be taken by the Head of the Institution."

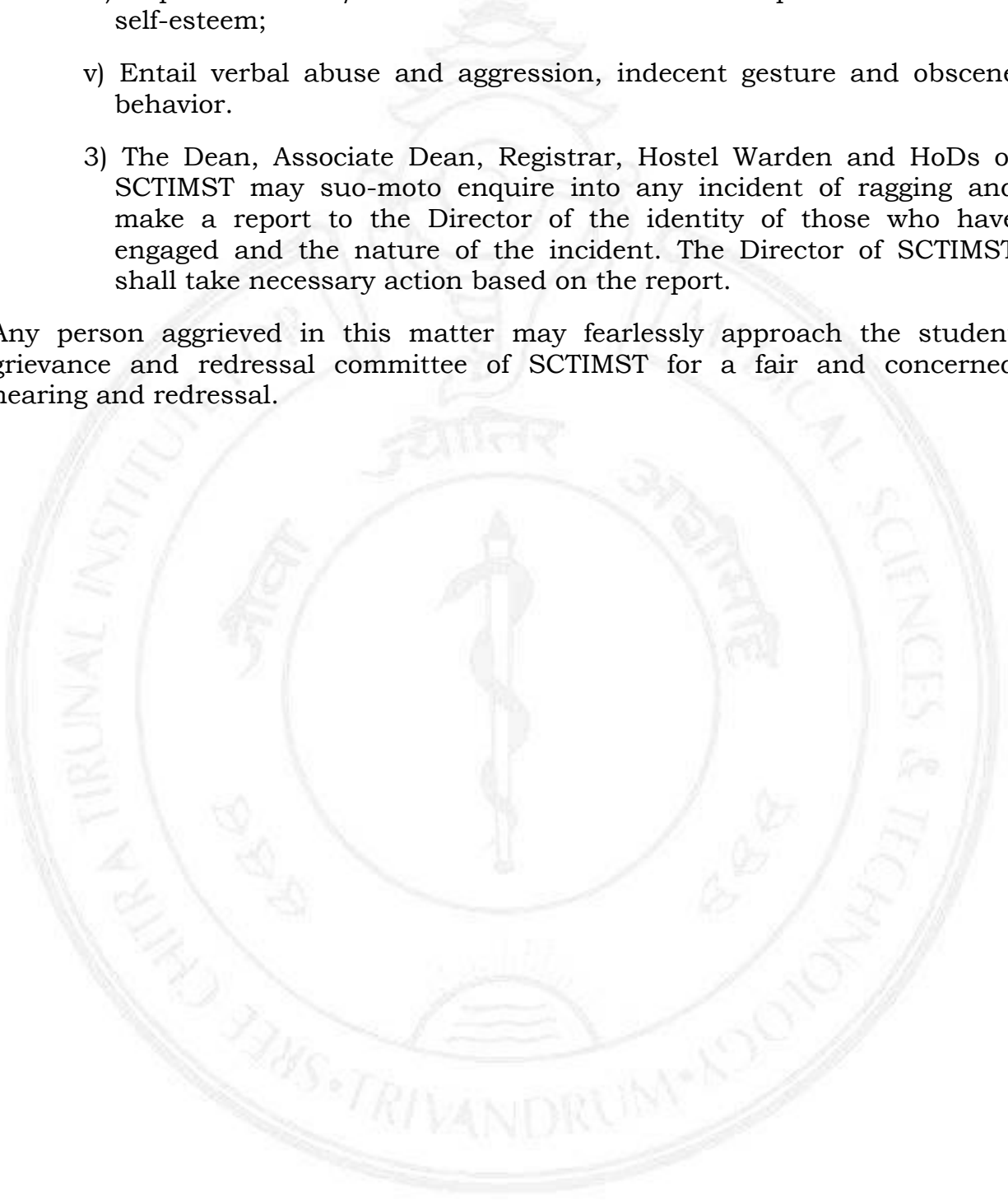
Prohibition of and Punishment for Ragging:

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 this rules, ordinarily means any act, conduct or practice by an individual or Any collective act by which dominant power or status of a 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 students/residents belonging to the Scheduled Castes, Scheduled Tribes and other Backward Castes.



- iv) Exposes student/resident to ridicule and contempt and affect their self-esteem;
 - v) Entail verbal abuse and aggression, indecent gesture and obscene behavior.
- 3) The Dean, Associate Dean, Registrar, Hostel Warden and HoDs of SCTIMST may suo-moto enquire into any incident of ragging and make a report to the Director of the identity of those who have engaged 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 of SCTIMST for a fair and concerned hearing and redressal.





DEFINITION OF CATEGORIES

Unreserved (UR) candidates: Unreserved stands for all applicants including overseas citizen of India

Other Backward Class-Non Creamy Layer (OBC-NCL) Candidates:

Under the OBC-NCL category, only castes mentioned in the Central list of OBCs, published by the Department of Personnel and Training, Government of India, will be considered. In addition, the candidate should also satisfy the condition of non-creamy layer as defined by the Government of India. The OBC-NCL candidates seeking the benefits of reservation are required to produce the recently issued original certificate by a competent authority in the prescribed format given in Annexure - I. The certificates (in original) must be produced at the time of verification at the specified Reporting Centers, failing which the candidature will not be considered for admission under the OBC-NCL category.

Scheduled Caste/Scheduled Tribe (SC/ST) Candidates

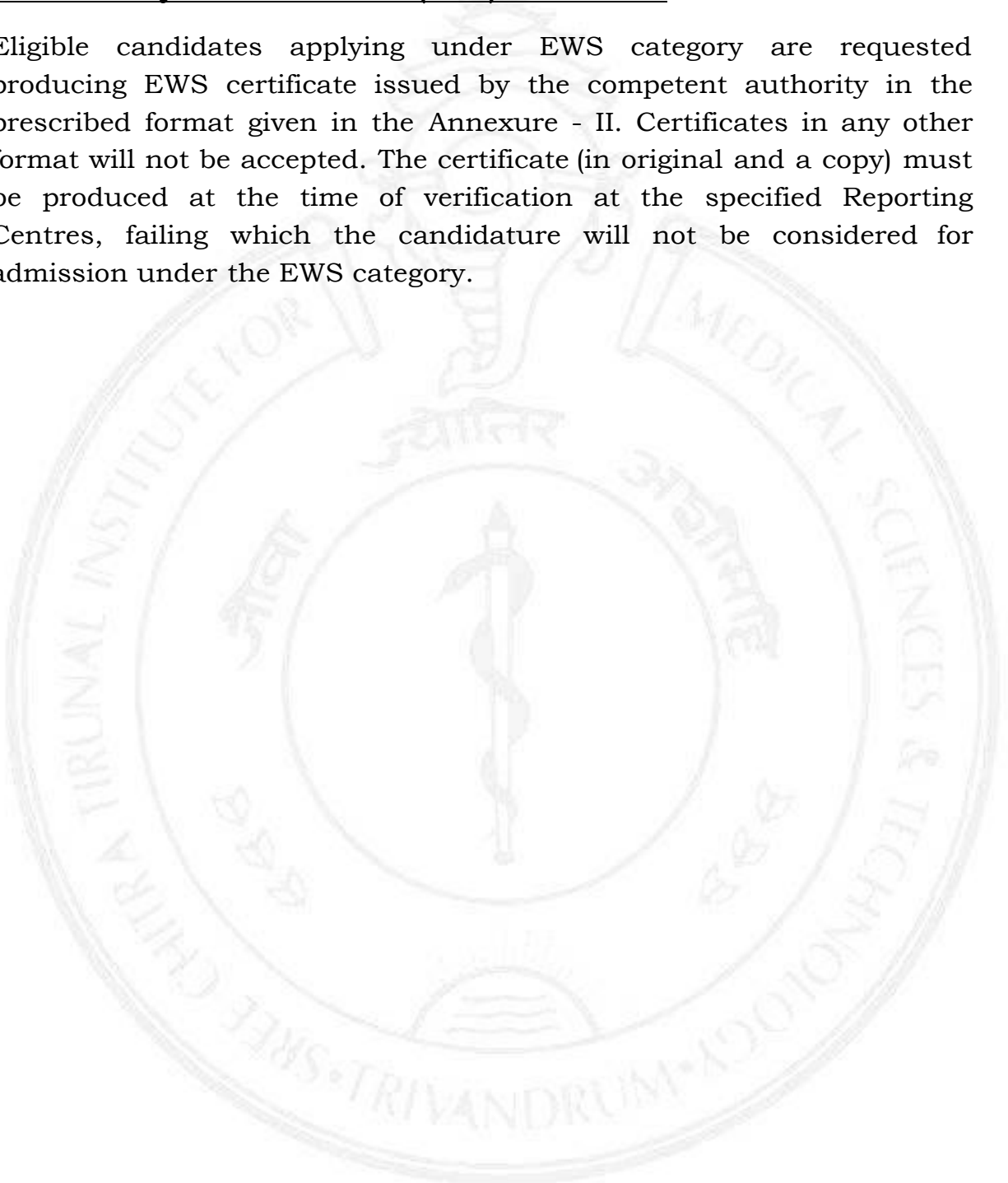
The seats reserved for the candidate belonging to SC/ST as per Government Instructions, provided candidates fulfil the minimum admission requirements prescribed by the Institute for the purpose. The candidates belonging to SC/ST are required to furnish certificate from a revenue officer not below the rank of Tahsildar, Sub Divisional Officer of the area where the candidate and /or his family normally resides. The documents (in original), must be produced at the time of verification at the specified Reporting Centres, failing which the candidature will be cancelled. Seats remain vacant under ST category shall be allotted to SC candidates and vice versa.

Persons with Disabilities (PwD) Candidates:

5% seats are reserved for PwD candidates in MPH, DPH and Diploma/PG Diploma programs. The benefit of reservation shall be given only to those who have at least 40% physical impairment. Candidates seeking benefit under this category are requested producing original certificates along with a copy, issued by a District Medical Board/ competent authority, at the time of entrance examination at the specified Reporting Centres, failing which the candidature will not be considered for admission under the PwD category.

**Economically Weaker Sections (EWS) Candidates:**

Eligible candidates applying under EWS category are requested producing EWS certificate issued by the competent authority in the prescribed format given in the Annexure - II. Certificates in any other format will not be accepted. The certificate (in original and a copy) must be produced at the time of verification at the specified Reporting Centres, failing which the candidature will not be considered for admission under the EWS category.





IMPORTANT CONTACT ADDRESSES

<i>Designation</i>	<i>Name</i>	<i>Telephone No.</i>	<i>email-ID</i>
Director -I/C	Dr. Ajit Kumar V.K.	91-471 - 2524400	director@sctimst.ac.in
Head BMT Wing-I/C	Dr. Harikrishna Varma P.R.	91-471 - 2520201	headbmtw@sctimst.ac.in
Dean (Academic Affairs) -I/C	Dr. Kesavadas C.	91-471 - 2524500	dean@sctimst.ac.in
Head AMCHSS	Dr. Sankara Sarma P.	91-471 - 2524232	sarma@sctimst.ac.in
Associate Dean (PhD Program)	Dr. Mohanan P.V.	91-471 - 2520266	mohanpv@sctimst.ac.in
Associate Dean (Research & Publication Cell)	Dr. Harikrishnan S.	91-471 - 2524457	drhari@sctimst.ac.in
Associate Dean (Faculty & student affairs)	Dr. Sylaja P.N.	91-471 - 2524482	sylajapn@sctimst.ac.in
Associate Dean (Health Science Studies)	Dr. Srinivasan K.	91-471 - 2524243	ksrini@sctimst.ac.in
Associate Dean (Curriculum & Examinations)	Dr. Manikandan S.	91-471 - 2524463/575	kanmanis@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. Administrative Officer (Academic)	Ms. Chithra T.S.	91-471 - 2524269	regoffice@sctimst.ac.in



HEADS OF DEPARTMENTS / DIVISIONS

Dept/Divn	Head	Telephone No.	email-ID
AMCHSS	Dr. Sankara Sarma P.	91-471-2524240	sarma@sctimst.ac.in
HOSPITAL WING			
Anaesthesiology	Dr. Thomas Koshy	91-471-2524641	koshy@sctimst.ac.in
Biochemistry-I/C	Dr. Srinivas G.	91-471-2524689	srinivasg@sctimst.ac.in
Division of Clinical Engineering	Er. Shaj Upendran	91-471-2524123	shaj@sctimst.ac.in
Cardiology	Dr. Krishnamoorthy K.M.	91-471-2524452	kmkm@sctimst.ac.in
Cardiovascular & Thoracic Surgery	Dr. Baiju S. Dharan	91-471-2524648	baijUSD@sctimst.ac.in
Computer Division-I/C	Er.Suresh Kumar B	91-471-2524632	suresh@sctimst.ac.in
Transfusion Medicine	Dr. Debashish Gupta	91-471-2524476	dgupta@sctimst.ac.in
Microbiology	Dr. Kavita Raja	91-471-2524222	kavita_raja@sctimst.ac.in
Neurology	Dr. Sylaja P.N.	91-471-2524482	sylajapn@sctimst.ac.in
Neurosurgery	Dr. Easwer H.V.	91-471-2524632	easwer@sctimst.ac.in
Nursing Education	Ms. Suja Raj L.	91-471-2524416	ins@sctimst.ac.in
Pathology-I/C	Dr. Deepti. A. N.	91-471-2524605	akkihebbal@sctimst.ac.in
Imaging Sciences and Interventional Radiology	Dr. Bejoy Thomas	91-471-2524220	kesav@sctimst.ac.in
Medical Records	Mr. Sivaprasad R.	91-471-2524415	smro@sctimst.ac.in

BIOMEDICAL TECHNOLOGY (BMT) WING



Head, BMT Wing -I/C	Dr. Harikrishna Varma PR.	91-471-2520201	varma@sctimst.ac.in
Assoc. Head, BMT Wing	Er. Muraleedharan C.V.	0471-2520259	muralicv@sctimst.ac.in
Department of Applied Biology	Dr. Maya Nandkumar A.	0471-2520260,250	anmaya@sctimst.ac.in
Dept. of Biomaterials Sciences & Technology	Dr. Manoj Komath	0471-2520320	manoj@sctimst.ac.in
Dept. of Medical Devices Engineering	Dr. Roy Joseph	91-471-2520275	rjoseph@sctimst.ac.in
Dept. of Technology & Quality Management	Er. Balram S.	91-471-2520308	balrams@sctimst.ac.in
Artificial Internal Organs	Er. Muraleedharan C.V.	0471-2520259	muralicv@sctimst.ac.in
Bioceramics Laboratory	Dr. Manoj Komath	0471-2520320	manoj@sctimst.ac.in
Toxicology division	Dr. Mohanan PV	0471-2520266	mohanpv@sctimst.ac.in
Div. of Biophotonics and imaging	Dr. Jayasree R.S.	0471-2520273	jayasree@sctimst.ac.in
Div. of Biosurface Technology	Dr. Rekha M. R.	0471-2520214	rekhamr@sctimst.ac.in
Calibration cell	Er. Leena Joseph	0471-2520279	leenaj@sctimst.ac.in

Div. of Dental Products	Dr. Lizymol P.P.	0471-2520221	lizymol@sctimst.ac.in
Experimental Pathology	Dr. Anilkumar T.V.	0471-2520305	tvanilkumar@sctimst.ac.in
Div. of Extracorporeal Devices	Er. Nagesh D.S.	0471-2520217	nagesh@sctimst.ac.in
Implant Biology	Dr. Sabareeswaran A.	0471-2520311	asw@sctimst.ac.in
In-vivo Models and Testing	Dr. Umashankar P.R.	0471-2520226	umashnkr@sctimst.ac.in
Laboratory Animal Science	Dr. Harikrishnan V.S.	0471-2520227	harikrishnan@sctimst.ac.in
Medical Instrumentation	Er. Muraleedharan C.V.	0471-2524259	muralicv@sctimst.ac.in
Microbial Technology	Dr. Maya Nandkumar A.	0471-2520260/250	anmaya@sctimst.ac.in

Division of Molecular Medicine	Dr. Anoop Kumar T.	0471-2520256/257	anoop@sctimst.ac.in
Central Analytical Facility	Dr. Roy Joseph	0471-2520275	rjoseph@sctimst.ac.in
Div. of Polymeric Medical Devices	Dr. Ramesh P. Dr. Roy Joseph	0471-2520225/ 265/275	rameshp@sctimst.ac.in
Precision Fabrication Facility	Er. Ramesh Babu V.	0471-2520245	ramesh@sctimst.ac.in
Sleep Disorder section	Dr. Kamalesh K Gulia	0471-2520450	kkgulia@sctimst.ac.in
Technology Business /Ti Med	Er. Balram S	0471-2520308	balrams@sctimst.ac.in
Thrombosis Research Unit	Dr. Anugya Bhatt	0471-2520219	anugyabhatt@sctimst.ac.in
Tissue Culture	Dr. Anil Kumar P R	0471-2520261	anilkumarpr@sctimst.ac.in
Tissue Engg. & Regenerative Technologies	Dr. Prabha D. Nair	0471-2520242	prabha@sctimst.ac.in
Toxicology	Dr. Mohanan P. V.	0471-2520266	mohanpv@sctimst.ac.in
Transmission Electron Microscope	Dr. Manoj Komath	0471-2520220	manoj@sctimst.ac.in

STUDENT RESERVATION & EQUAL OPPORTUNITY CELL

1.	Associate Dean (Faculty & Student Affairs)	Liaison Officer (Ex-officio)
2.	Nodal officer for scholarships to students in the Institute	Member (Ex-officio)
3.	Dr. Roy Joseph	Scientist – G., 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. Anand Kumar K.U.	Parent representative
8.	Registrar	Member
9.	Ms. Deepthy Chandran A.	Student Member
10.	Dy Registrar	Convener

Anti-Ragging Committee

1	Director	Chairman
2	HoD, Cardiology	Member
3	HoD, CVTS	Member
4	HoD, Neurology	Member
5	HoD, Neurosurgery	Member
6	HoD, Anaesthesiology	Member
7	HoD, IS&IR	Member
8	Lecturer in Nursing	Member
9	One Parent representative	Member
10	One junior student representative	Member
11	One senior student representative	Member
12	Mrs. Priya P., Administrative Officer	Member
13	AAO (Academic)	Convener

Students Grievance and Redressal Committee

Prof. Shrinivas V.G.	Chairman	+91-471-2520241	shri@sctimst.ac.in
Prof. Narayanan Namboodiri K.K.	Member	+91-471-2524384	kknnamboodiri@sctimst.ac.in
Dr. Krishnakumar K	Member	+91-471-2524246	kkns@sctimst.ac.in
Dr. Anoopkumar T	Member	+91-471-2520256	anoop@sctimst.ac.in
Prof. Rakhal Gaitonde	Member	+91-471-2520241	rakhal.gaitonde@sctimst.ac.in
Dr. Raviprasad Varma	Member	+91-471-2520261	rpvarma@sctimst.ac.in
Smt. Suja Raj	Member	+91-471-2520416	ins@sctimst.ac.in
Ms. Deepthi Chandran	Student Member	+91-471-2520596	deepthy@sctimst.ac.in

A student member representing the wing where the grievance has occurred to be nominated by the Dean/Director



ANNEXURE - I

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 belongs 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.
 - i. Revenue Officer not below the rank of Tahsildar and



iv. Sub-Divisional Officer of the area where the candidate and / or his family resides.

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

ANNEXURE - II

Government of

(Name & Address of the authority issuing the certificate)

INCOME & ASSEST 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 Economically Weaker Sections, since the gross annual income* of his/her "family" is below Rs. 8 lakh (Rupees Eight Lakh 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/Kumaribelongs 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

*Note1: Income covered all sources i.e. salary, agriculture, business, profession, etc.

**Note 2:The term "Family" for this purpose include 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 EWS status.

ANNEXURE - III

BOND FORMAT FOR PDF STUDENTS

ARTICLES OF AGREEMENT, made this day of Two thousand and twenty two between

.....son/daughter

of.....

.....

..... (hereinafter called the Senior Resident) of the one part and Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum (hereinafter called the Institute' through its Director) of the other part.

WHEREAS the Institute intends to admit the part of the first part as a Senior

Resident for a period of years commencing from the day of January, 2022.

AND WHEREAS it has been agreed between the parties hereto that the Senior Resident shall serve the Institute on the terms and conditions herein contained.

NOW THESE PRESENTS witnesseth and the parties here to respectively agree as follows:

1. The Senior Resident shall submit himself/herself to the orders of the Institute and Officers and authorities under whom he/she may from time to time be placed by the Director, Sree Chitra Tirunal Institute for Medical Sciences and Technology shall serve as Senior Resident for a period ofyears commencing from the day of January, 2022 until his/her services are terminated previously as hereinafter provided.



2. The services of the Senior Resident may be terminated as follows:

(i) By the Director of the Institute without any previous notice if the

Director of the Institute is satisfied on medical evidence that the Senior Resident 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 Senior Resident is unfit and is likely to continue unfit, shall be conclusive and binding on him/her.

(ii) By the Director of the Institute without any previous notice, if the Senior Resident 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.

(iii) By thirtieth day notice in writing given at any time during service under this Agreement by the Director of the Institute or its authorized officer to him, without cause assigned.

PROVIDED ALWAYS that the Director of the Institute may in lieu of any notice herein provided for, give the Senior Resident a sum equivalent to the amount of his/her salary for thirty days or shorter notice than thirty days.

3. If the Senior Resident be suspended from duty in connection with any investigation into his/her conduct, he/she shall not be entitled to any salary during such period of suspension.

4. The Senior Resident shall devote his/her whole time to the duties of the said service and shall not engage, directly or indirectly, in any trade/business/occupation/or profession (including any private practice) on his/her own account and shall not (except in case of accident or sickness certified by competent medical authority) absent himself/herself from his/her said duties without having first obtained permission from the Director of the Institute or its authorized officers.

5. The Senior Resident shall not, except as provided in this Agreement, resign his/her position without completing the course to which he/she has been admitted by the Institute. Concerned defaulter shall be liable to pay an amount of ₹ 50,00,000/- (Rupees Fifty Lakhs) if decided to leave on or after the second day of joining.



6. With effect fromday of.....2022 the Institute shall pay the Senior Resident so long as he/she remains in the said capacity and actually performs his/her duties as aforesaid, a monthly salary as per the Institute rules.

7. The Senior Resident should pay the prescribed annual tuition fee on or before 31st January of subsequent academic years.

8. The Senior Resident shall be eligible for such concession in relation to a medical attendance and treatment as may be prescribed by the Institute.

9. The Senior Resident will be provided as per their entitlement, single/Double/family accommodation in the hostel. The Senior Resident shall have to abide by the rules and regulations of the hostel of the Institute where he is accommodated and shall occupy the room allotted to him / her only as a licensee. When the Institute is unable to offer eligible accommodation, HRA may be paid to such Senior Residents as per Institute Rules.

10. The Senior Resident shall vacate the accommodation given to him / her as aforesaid within 10 days of the expiry of the term or earlier in the event of early termination of Senior Residentship. The Director of the Institute, where such accommodation is provided, shall be entitled to take action for eviction in case the Senior Resident fails or neglects to vacate such an accommodation and delivery of peaceful possession thereof to the Director.

11. Besides academic working in pursuance of studies he/she shall carry out all the duties and responsibilities required of him/her to be performed as assigned by the Head of the Department/Units where he/she will be placed in the discharge of patient care and maintenance of records and such other clinical and technical duties as may be assigned to him/her by the aforesaid authorities from time to time in the interest of efficient patient care and running of the hospital. The decision of Director of the Institute as to whether the Senior Resident has satisfactorily carried out all the duties and responsibilities aforesaid shall be final and binding on the Senior Resident.

12. The working hours of the Senior Resident will not normally exceed

continuous duty for more than twelve hours in a day, subject to such exigencies as may arise in the working of the Department (Units/Wards) where he/she may be placed and in this respect, the decision of the Director of the Institute shall be final and binding on the



Senior Resident.

13. The Senior Resident shall be liable to be on call and stay duties, which shall not normally exceed 12 hours at a time.

14. During the term he/she shall be entitled to leave as per the rules of the Institute.

15. The Senior Resident shall not be allowed to apply for a job position / assignment elsewhere during the course of his/her studies and such application shall not be forwarded during the validity of the agreement.

16. The Senior Resident shall not be issued certificate/testimonial of any kind bearing evidence of satisfactory work, experience, performance etc. in case of discontinuation of his/her studies.

17. Ragging in any form is prohibited in the Institute and those found resorting to ragging of fellow Senior Residents and if found guilty will be dismissed from the Institute. I have read this note and abide by it.

IN WITNESS WHERE OF the Senior Resident and the Dean of the Institute for and on behalf of the Institute have here to set their hands the day and year first herein above written.

Surety terms

Signed by (in block letters) in the presence of witnesses.

(Name and Signature of the Senior Resident)

Signature of Witness with Name & Address

- 1.
- 2.

DEAN (Academic Affairs)

For and on behalf of SCTIMST, Thiruvananthapuram.

ANNEXURE - IV

Ia Senior Resident of at the Sree Chitra Tirunal Institute for Medical Sciences and Technology, understand that I will be assessed at the end of six months after my admission to the said course, for my academic ability, desire for training, acquisition of competence, commitment to patient care, interpersonal relationship etc. I also understand that, in case my scoring is low, I will be given a chance to



improve in the next 3 months and unsatisfactory, my registration will be terminated.

I undertake to complete the said course as per the requirements of the Sree Chitra Tirunal Institute for Medical Sciences & Technology. In the event of my leaving the studies, an amount of `50,00,000/- (Rupees Fifty Lakhs) if decided to leave on or after the second day of joining.

Date:

Signature of the Candidate

Signed in the presence of Witnesses: (Name & Address)

1. Signature

2. Signature

ANNEXURE - V

BOND FORMAT FOR DIPLOMA STUDENTS

ARTICLES OF AGREEMENT, made this day of.....

Two thousand and twenty two between son/daughter of

(hereinafter called the student) of the one part and Sree Chitra Tirunal Institute for Medical Sciences & Technology, Trivandrum (hereinafter called the 'Institute' through its Director) of the other part.

WHEREAS the Institute intends to admit the party of the first part as a student for a period of years commencing from the day of January, 2022.

AND WHEREAS it has been agreed between the parties hereto that the student shall serve the Institute on the terms and conditions herein contained.

NOW THESE PRESENTS witnesseth and the parties here to respectively agree as follows:



1. The student shall submit himself/herself to the orders of the

Institute and Officers and authorities under whom he/she may from time to time be placed by the Director, Sree Chitra Tirunal Institute for Medical Sciences & Technology and shall serve as

.....

..... student for a period of years commencing from the day of January, 2022 until his/her services are terminated previously as hereinafter provided.

2. 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. By thirty days notice in writing given at any time during service under this Agreement by the Director of the Institute or its authorized officer to him, without cause assigned.

PROVIDED ALWAYS that the director of the Institute may in lieu of any notice herein provided for, give the student a sum equivalent to the amount of his/her stipend/scholarship for thirty days or shorter notice than thirty days.

3. If the student be suspended from duty in connection with any investigation into his/her conduct, he/she shall not be entitled to any stipend/scholarship during such period of suspension.

4. The student shall devote his/her whole time to the duties of the said



service and shall not engage, directly or indirectly, in any

trade/business/occupation/or profession (including any private practice) on his/her own account and shall not (except in case of accident or sickness certified by competent medical authority) absent himself/herself from his/her said duties without having first obtained permission from the Director of the Institute or its authorized officers.

5. The student shall not, except as provided in this Agreement, resign his/her position without completing the course to which he/she has been

admitted by the Institute. Concerned defaulter shall be liable to pay a sum equivalent to 6 months stipend/ scholarship.

6. With effect from day of January 2022 the Institute shall pay the student so long as he/she remains in the said capacity and actually performs his/her duties as aforesaid, a monthly stipend/scholarship as per the Institute rules.

7. The student should pay the prescribed annual tuition fee on or before 31st January of subsequent academic years.

8. The student shall be eligible for such concession in relation to a medical attendance and treatment as may be prescribed by the Institute.

9. The student will be provided single/shared accommodation in the hostel. The student shall have to abide by the rules and regulations of the hostel of the Institute where he is accommodated and shall occupy the room allotted to him/ her only as a licensee.

10. The student shall vacate the accommodation given to him/her as aforesaid within 10 days of the expiry of the term or earlier in the event of early termination of studentship. The Director of the Institute, where such accommodation is provided, shall be entitled to take action for eviction in case the student fails or neglects to vacate such an accommodation and delivery of peaceful possession thereof to the Director.

11. Besides academic working in pursuance of studies he/she shall carry out all the duties and responsibilities required of him/her to be performed as assigned by the Head of the Department/Units where he/she will be placed in the discharge of patient care and maintenance of



records and such other clinical and technical duties as may be assigned

to him/her by the aforesaid authorities from time to time in the interest of efficient patient care and running of the hospital. The decision of Director of the Institute as to whether the student has satisfactorily carried out all the duties and responsibilities aforesaid shall be final and binding on the student.





12. The working hours of the student will not normally exceed continuous duty for more than twelve hours in a day, subject to such exigencies as may arise in the working of the Department (Units/Wards) where he/she may be placed and in this respect also the decision of the Director of the Institute shall be final and binding on the student.

13. The student shall be liable to be on call duty, which shall not normally exceed 12 hours at a time.

14. During the term he/she shall be entitled to leave as per the rules of the Institute.

15. The student shall not be allowed to apply for a job position/assignment elsewhere during the course of his/her studies and such application shall not be forwarded during the validity of the agreement.

16. The student shall not be issued certificate/testimonial of any kind bearing evidence of satisfactory work, experience, performance etc. in case of discontinuation of his/her studies.

17. Ragging in any form is prohibited in the Institute and those found resorting to ragging of fellow students and if found guilty will be dismissed from the Institute. I have read this note and abide by it.

IN WITNESS WHERE OF the student and the Dean, Academic Affairs of the Institute for and on behalf of the Institute have here to set their hands the day and year first hereinabove written.

Signed by
(in block
 letters) in the presence of witnesses.

(Signature of the student) Witness Signature

1.

2.

DEAN, Academic Affairs

For and on behalf of SCTIMST, Thiruvananthapuram.

ANNEXURE- VI

1. I a
student of

..... at
the Sree Chitra Tirunal Institute for Medical Sciences & Technology,
understand that I will be assessed at the end of six months after my
admission to the said course, for my academic ability, desire for training,
acquisition of competence, commitment to patient care, interpersonal
relationship etc. I also understand that, in case my scoring is low, I will
be given a chance to improve in the next 3 months and if found
unsatisfactory, my registration will be terminated.

2. I undertake to complete the said course as per the requirements of
the Sree Chitra Tirunal Institute for Medical Sciences & Technology. In
the event of my leaving the studies, in midterm should pay a sum
equivalent to six months stipend/scholarship as compensation to the
above Institute.

3. I hereby agree to the above terms, unconditionally.

Date: Signature of the Candidate

Signed in the presence of Witnesses:

1. Signature:
2. Signature:

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).

