

# **PROSPECTUS**

## **ACADEMIC PROGRAM**

**MPhil & PhD**

**JULY & AUGUST SESSION – 2019**



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

**Thiruvananthapuram- 695011, Kerala, India**

(An Institute of National Importance under Govt. of India)

[Website: www.sctimst.ac.in](http://www.sctimst.ac.in)

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

**Thiruvananthapuram- 695011, Kerala, India**

**INTRODUCTION**

Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST) is an Institute 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 three decades ago has come of age and gained unprecedented acceptance in India. Imbued with an inclination to venture into less-trodden domains, the Institute focuses on patient care of high quality, technology development of industrial significance and health research studies of social relevance. The emphasis is on development of facilities less readily available elsewhere in the country such as interventional radiology, cardiac electrophysiology, pre-surgical evaluation and surgery for epilepsy, microsurgery and deep brain stimulation for movement disorders, new biomedical devices and products, evaluation of medical devices to global specifications, new academic programs and global public health networks.

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. This uniquely poised Institute has a dedicated team of clinicians, scientists and engineers devoted to high quality biomedical research, technology development and public health research.

***The Institute's missions are:***

- Promote research and development in biomedical engineering and technology
- Deliver high quality patient care in selected specialties and subspecialties
- Develop innovative postgraduate training programs 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 sponsor post-graduate programs in medical sciences and biomedical engineering and stipulates that the medical degrees, diplomas

and other academic distinctions granted by the Institute shall be recognized qualifications for the purpose of the Indian Medical Council Act and that they shall be included in the First Schedule to the Act.

**PROGRAMS OFFERED FOR JULY & AUGUST 2019 SESSION**

1. **PhD(JULY 2019 SESSION)**  
(Only for JRF holders of UGC/CSIR/ICMR/DBT or holders of MPhil degree offered by SCTIMST / eligible internal faculty members who wish to register for PhD program may also apply with No objection certificates.)
  
2. **M.Phil (AUGUST 2019 SESSION)**

**Applications for the above programs shall be submitted online only. For further details please visit our website:[www.sctimst.ac.in](http://www.sctimst.ac.in)**

**On-line Registration opens from 22-04-2019 to 24.05.2019. (5 p.m.)**

**Application fee shall be submitted online only. Fee for each program is given below:**

- 1) **Rs. 1000/- for PhD Program (Rs.800/- for SC/ST Applicants)**
- 2) **Rs.500/- for MPhil Program (Rs. 400/- for SC/ST Applicants).**

## **(1) ADMISSION TO PhD PROGRAM**

**(Only JRF Fellowship Holders of UGC/CSIR/ICMR/DBT/ eligible internal faculty members who wish to register for PhD program may also apply with No objection certificates/MPhil (Biomedical Technology) degree holders of SCTIMST are eligible to apply)**

Applications are invited from highly motivated students for admission to the PhD program beginning in July,2019 at Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum.

The institute promotes interdisciplinary research and offers PhD program in the following major research areas.

### **Physical Sciences:**

Biophotonics, Plasma coating, Nano biotechnology, Bioimaging, Biomedical & Biomaterial Physics.

### **Chemical Sciences:**

Synthesis & characterization of polymers for various medical applications, Polymer processing, Smart polymers, Interpenetrating polymer networks, Dental polymers, Surface modification of polymeric devices, Radiopaque polymers, Polymeric biinks.

### **Biological 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 Bioprinting of tissue constructs.

### **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 (Public Health) (Full Time)**

Epidemiology, Gender Issues in Health, Health Policy, Health Systems, Health Informatics, Health Technologies, GIS in public Health.

## **Medical Sciences:**

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

## **ELIGIBILITY FOR ADMISSION**

**(A) Holders of Junior Research Fellowship (JRF) awarded by UGC/CSIR/ICMR/DBT OR MPhil (Biomedical Technology) degree holders of SCTIMST** (MPhil degree holders will not be eligible for Institute fellowship and need to find out their own fellowship/project position for admission to PhD program / eligible internal faculty members who wish to register for PhD program may also apply with No objection certificates.)

## **(B) Minimum Educational Qualifications for Admission**

### **Physical Sciences**

MSc. Physics (All Streams)

### **Chemical Sciences**

MSc. Chemistry (All Streams)

### **Biological Sciences**

MSc. Life Sciences (excluding plant sciences and Bioinformatics), MSc. Physiology, Biochemistry, Biotechnology, Zoology or any other branch of life sciences.

### **Bioengineering**

MTech Polymer Engineering/Technology, MTech Material Science/Biomedical Engineering/Instrumentation/Biotechnology/Clinical Engineering, MTech/ME/MSc.(Engg)/MS in either Biomedical Engineering / Electronics and Communication / Electrical & Electronics / Computer Science / Information Technology.

### **Biomaterial Science and Technology**

MPhil (Biomedical Technology), MSc. Physics, Chemistry, Polymer Chemistry, Polymer Science, Material Science, Biotechnology, Master of Veterinary Sciences(MVSc.).

### **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.

### **Medical Sciences**

MBBS degree from any university recognized by Medical Council of India (MCI). Candidates should have completed one year compulsory rotating internship or its equivalent as recognized by MCI after passing the final MBBS examination. Candidates should have full registration with a State Medical Council. Candidates with Post Graduate Medical qualifications can also apply but no special reservation or preference will be given. 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.

### **(C) Minimum marks required to apply**

Consistently good academic record with 60% (CGPA 6.5/10) marks in undergraduate and post graduate examinations. MBBS degree holders need to have only 55% marks.

### **(D) Age Limit**

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

### **Commencement of the course**

Selected candidates can register for PhD program from **1<sup>st</sup>July 2019 to 31<sup>st</sup> December 2019**.

### **Method of Selection**

Selection will be based on the interview, which will be held at SCTIMST, Thiruvananthapuram.

**For more information:** Please refer to the Institute website: [www.sctimst.ac.in](http://www.sctimst.ac.in) for PhD manual, PhD course work, Guidelines for MBBS to PhD program and List of approved PhD guides.

### **(E) RESERVATION**

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

## **ADMISSION TO MPhil COURSE IN BIOMEDICAL TECHNOLOGY** **(AUGUST 2019 SESSION)**

**(A full-time residential course of 12 months duration – from August 2019 to July 2020)**

Applications are invited for admission to **MPhil Degree in Biomedical Technology**, a high quality academic and research training program in Biomedical Sciences and Technology.

### **Objectives of this high quality academic and research training are to:**

1. Provide an excellent background in biomedical research with integration of chemical, biological and physical aspects in a unified approach.
2. Emphasize an investigative as well as an empirical approach to the practical problems encountered in experimental and human biomedical sciences.
3. Training on research methodology which includes development of research hypothesis, work plan, experimental methods, data analysis and reproducibility and finally report preparation.
4. Impart theoretical and practical knowledge and competence that will prepare the student for employment and research in a variety of biomedical environments.
5. Improve communication skills through oral and poster presentations.

### **Expected Outcome**

1. The set of lecture and laboratory training courses are designed to strengthen their basic science background at the graduate level.
2. The experience gained will help in developing and focusing research skills in modern biomedical research laboratories.
3. Students will be encouraged to write competitive examinations conducted by various government agencies to obtain fellowships for pursuing a PhD program within the Institute or outside.

4. Students will gain awareness to determine if he or she really wants to make the commitment and pursue a lifelong research career.

### **ELIGIBILITY FOR ADMISSION**

MSc. First Class in Biological/Chemical/Physical Sciences (including Polymer Sciences/Chemistry but excluding Plant Sciences and Bioinformatics)

### **DURATION**

One year full time residential course.

### **STIPEND**

Rupees five thousand (Rs.5000/-)per month. In case the student discontinues the course after 30<sup>th</sup>August, 2019, the student has to pay a penalty of six months stipend / amount of scholarship received by him / her whichever is higher. (Bond format is attached).

### **COMMENCEMENT OF THE COURSE**

1<sup>st</sup> August 2019.

### **METHOD OF SELECTION**

1. The course is notified and the applications are called for in the prescribed format.
2. Applications received are screened by an authorized committee of this Institute.
3. The selection will be based on the performance in written test (Multiple choice questions) and interview. The candidates who fulfill the minimum educational qualifications will be admitted for written test.
4. Those who qualify the written test will be called for interview.
5. Based on the performance in the interview, a panel of students is selected and waiting list will be prepared for admission.
6. Verification of the original certificates against the submitted copies will be done at the time of admission.

### **VENUE FOR WRITTEN TEST AND INTERVIEW**

SCTIMST-AMCHSS, Medical College PO, Trivandrum -695 011.

**SUBJECT AREA FOR WRITTEN TEST:** Chemical Sciences or Physical Sciences or Biological Sciences based on their Post Graduate qualification.

### **UPPER AGE LIMIT**

Maximum 28 years as on 1<sup>st</sup> August 2019.

### **ACCOMMODATION**

Accommodation will be provided in the hostel. **If accommodation is not available in the campus**, along with stipend, additional 15% of stipend will be provided to find accommodation outside the campus.

### **LIBRARY**

A collection of various books in different disciplines are available. Facility for use of internet is also available at the library.

**No. of seats: 15 (UR – 8, OBC – 4, SC/ST – 3)**

### **ANTI RAGGING AFFIDAVIT**

**Ragging in all its forms is prohibited in the Institute. All admitted candidates will have to submit an anti-ragging affidavit.**

## **FEE STRUCTURE**

(Please see the fees structure in the table below)

<b><i>Particulars</i></b>	<b><i>PhD</i></b>	<b><i>MPhil</i></b>
Application fee	Rs. 1,000 (Rs. 800 for SC/ST candidates)	Rs.500(Rs. 400 for SC/ST candidates)
Admission fee	Rs. 1,000	Rs. 1,000
Tuition Fee	Rs. 10,000(per year)	<i>Nil</i>
Course Fee	Nil	Rs.10,000
Caution Deposit	Rs. 10,000	Rs. 10,000
Examination Fee	Nil	Rs. 1,000
Comprehensive examination fee	Rs. 6,000	Nil
Thesis evaluation fee	Rs. 10,000	Nil
Identity Card	Rs. 220	Rs. 220
Library	Rs. 500	Rs. 500
Student Welfare Fund	Rs. 500	Rs. 500
Certificates	Rs. 1,000	Rs. 500

**FEES ONCE PAID WILL NOT BE REFUNDED.**

**FEES ARE SUBJECT TO PERIODIC REVISIONS.**

## **GENERAL INFORMATION**

### **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.

### **Commencement of Academic Session**

The session commences on **1<sup>st</sup>July,2019 for PhD and 1<sup>st</sup> August, 2019 for MPhil**. Selected candidates will report on this date with all necessary documents in original and the verification of which is mandatory for confirmation of admission.

Attendance on the last working day of the course, normally 30<sup>th</sup> July, will be compulsory, except in extraordinary situations.

**Important Instructions for filling the application form online**

1. All candidates seeking admission are required to submit their application in the prescribed format available online with the prospectus on: [www.sctimst.ac.in](http://www.sctimst.ac.in).
2. Online application can be filled from **22.04.2019 to 24.05.2019. (5 p.m.)**
3. For submitting online application, please visit the website: [www.sctimst.ac.in](http://www.sctimst.ac.in). After selecting the online registration, pay the prescribed fee through debit card/credit card/net banking. After paying the fee, fill the online application form step by step.
4. Candidate should be ready to upload passport size photograph [35 mm x 45 mm (50kb max) - as jpeg image] before filling the application. Candidate also should be ready to upload the scanned copies of all relevant certificates of size less than 1Mb/certificate.
5. The candidate is required to go through the prospectus of MPhil/PhD programs (available on the same website) carefully and acquaint himself/herself with all requirements with regard to filling of the online application form.
6. Do not use Back and Forward button of your browser while filling the application form.
7. No candidate should submit more than one application. Duplicate applications from any applicant will result in cancellation of all such applications. No intimation regarding such cancellations will be provided.
8. Candidate should fill in the online application with utmost care and follow the instructions.

9. It will be the responsibility of the candidate to ensure that correct details are filled in the online application form. SCTIMST will not be responsible for any incorrect information/cancellation of candidature/loss or lack of communication etc., due to incorrectly filled online application form.
10. Candidate must ensure that no column is left blank and it is recommended to complete the filling of the application form in one go.
11. Candidates are also provided with a "Login" facility after successful submission of their application and can take print out of the same by entering the Application Number, Email Id and Date of Birth which are provided at the time of submission of application.
12. Admit Cards for accepted applications can be downloaded from the website from 1<sup>st</sup> June 2019 onwards. Please bring this card for entering into the examination hall. No personal intimation will be given to download the admit card.
13. It is mandatory to *bring the print out of the filled application form duly signed at the time of interview*, along with *self attested copies* of the following documents:
  - a. Online Payment Receipt.
  - b. Document to prove age.
  - c. Caste certificate for SC/ST/OBC (Non-Creamy Layer) candidates (issued by Revenue authorities not below the rank of Tahsildar)(Valid as per Govt. of India norms-Format of OBC attached).
  - d. 'No Objection Certificate' in the case of employed/sponsored applicants.
  - e. Certificates to prove academic qualifications.
  - f. Certificate to prove experience.
  - g. Registration Certificate: For Medical/Nursing graduates.

14. The screening committee appointed by the Institute reserves the right to accept/reject an application.

### **Important Dates at a Glance**

Admission Notification	:	22 <sup>nd</sup> April, 2019
Availability of on line application	:	22.04.2019 to 24.05.2019 (5 P.M.)
Downloading admit cards	:	1 <sup>st</sup> June 2019 onwards (Admit cards will only be uploaded on the website)
Date of Interview for PhD program	:	7 <sup>th</sup> June 2019 (Reporting time 9.00 AM)
Commencement of the Course for PhD program	:	1 <sup>st</sup> July 2019.
Date of registration for PhD program from	:	1 <sup>st</sup> July 2019 to 31 <sup>st</sup> December 2019
Date of written test for MPhil	:	6 <sup>th</sup> June 2019 (Reporting time 08.30 AM)
Date of interview	:	6 <sup>th</sup> June 2019 (12 noon onwards.) (Reporting time 11.30 AM)
Commencement of the MPhil course	:	1 <sup>st</sup> August 2019

**NOTE**

1. No intimation will be sent to candidates not called for Entrance Examination or not selected and no correspondence on this subject will be entertained.
2. The rules are subject to change in accordance with decisions of the Institute taken from time to time.

**Contact for further details:**

**THE DEPUTY REGISTRAR**

Sree Chitra Tirunal Institute for Medical Sciences and Technology

Trivandrum-695011, Kerala, India.

Telephone: 91-471-2524269, 2524649, 2524289

Fax: 91-471-2550728

e-mail: [regoffice@sctimst.ac.in](mailto:regoffice@sctimst.ac.in)

Website: [www.sctimst.ac.in](http://www.sctimst.ac.in)

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 / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).

ii. Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.

iii. Revenue Officer not below the rank of Tehsildar' and

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

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

### **IMPORTANT CONTACT ADDRESSES**

<b>DESIGNATION</b>	<b>NAME</b>	<b>TELEPHONE NO.</b>	<b>EMAIL</b>
Director	Dr.Asha Kishore	91-471-2524400	director@sctimst.ac.in
Head BMT Wing	Dr. Harikrishna Varma P.R.	91-471-2520201	head-bmtw@sctimst.ac.in
Dean (Academic Affairs)	Dr. SankaraSarma P.	91-471-2524500	dean@sctimst.ac.in
Associate Dean (PhD Program)	Dr. Roy Joseph	91-471-2520275	rjoseph@sctimst.ac.in
Associate Dean (Research & Publication)	Dr. Kesavadas C.	91-471-2524220	kesav@sctimst.ac.in
Associate Dean (Student & Faculty Affairs)	Dr. Prasanta Kumar Dash	91-471-2524184	dash@sctimst.ac.in
Associate Dean (Health Science Studies)	Dr. Biju Soman	91-471-2524230	bijusoman@sctimst.ac.in
Associate Dean (Examination and Curriculum Development)	Dr.Thomas Koshy	91-471-2524641	koshy@sctimst.ac.in
Registrar	Dr.A.V. George	91-471-2524150	reg@sctimst.ac.in
Deputy Registrar	Dr. B. Santhosh Kumar	91-471-2524140	dreg@sctimst.ac.in
Asst. Administrative Officer (Academic)	Ms. Jeeva K.H.	91-471-2524269	regoffice@sctimst.ac.in

## HEADS OF DEPARTMENTS/DIVISIONS

Dept./Divn.	Name	Telephone No.	Email
<b>AMCHSS WING</b>			
AMCHSS	Dr. SankaraSarma P.	91-471-2524232	sarma@sctimst.ac.in
<b>HOSPITAL WING</b>			
Anaesthesiology	Dr. Thomas Koshy	91-471-2524641	koshy@sctimst.ac.in
Biochemistry	Dr. Srinivas G.	91-471-2524689	srinivasg@sctimst.ac.in
Clinical Engineering	Er. ShajUpendran	91-471-2524411	shaj@sctimst.ac.in
Cardiology	Dr. Ajit Kumar V.K.	91-471-2524452	ajit@sctimst.ac.in
Cardiovascular & Thoracic Surgery	Dr. Baiju S. Dharan	91-471-2524648	baijUSD@sctimst.ac.in
Cellular & Molecular Cardiology	Dr. Shivakumar K.	91-471-2524505	renuka@sctimst.ac.in
Transfusion Medicine	Dr. Debasish Gupta	91-471-2524177	dgupta@sctimst.ac.in
Microbiology	Dr. Kavita Raja	91-471-2524222	kavita_raja@sctimst.ac.in
Neurology	Dr. Sanjeev V. Thomas	91-471-2524468	sanjeev@sctimst.ac.in
Neurosurgery	Dr. Mathew Abraham	91-471-2524647	mathew@sctimst.ac.in
Nursing Education	Ms. Suja Raj	91-471-2524416	ins@sctimst.ac.in
Imaging Sciences and Interventional Radiology	Dr. Kesavadas C.	91-471-2524220	kesav@sctimst.ac.in
Medical Records	Mr. Thampi N.G.	91-471-2524415	thampi@sctimst.ac.in
<b>BMT WING</b>			
Head, BMT Wing	Dr. Harikrishna Varma P.R.	91-471-2520201	varma@sctimst.ac.in
Applied Biology	Dr. Maya Nandkumar	91-471-2520260	anmaya@sctimst.ac.in
Biomaterials Sciences & Technology	Dr. ManojKomath	91-471-2520240	manoj@sctimst.ac.in
Medical Devices Engineering	Dr. Roy Joseph	91-471-2520275	rjoseph@sctimst.ac.in
Technology & Quality Management	Mr. Balram S.	91-471-2520308	balrams@sctimst.ac.in

## **BIOMEDICAL TECHNOLOGY WING**

<b><i>Division/Lab</i></b>	<b><i>Name</i></b>	<b><i>Phone</i></b>	<b><i>E-mail</i></b>
Artificial Internal Organs	Mr. Muraleedharan C.V.	0471-2520259	muralicv@sctimst.ac.in
Bioceramics	Dr. Manoj Komath	0471-2520320	manoj@sctimst.ac.in
Biophotonics and imaging	Dr. Jayasree R.S.	0471-2520273	jayasree@sctimst.ac.in
Biosurface Technology	Dr. Rekha M.R.	0471-2520284	rekhamr@sctimst.ac.in
Calibration cell	Er. Leena Joseph	0471-2520279	leenaj@sctimst.ac.in
Dental Products	Dr. Lizymol P.P.	0471-2520329	lizymol@sctimst.ac.in
Experimental Pathology	Dr. Anilkumar T.V.	0471-2520305	tvanilkumar@sctimst.ac.in
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. A. Maya Nandkumar	0471-2520260/250	anmaya@sctimst.ac.in
Molecular Medicine	Dr. Anoop Kumar Thekkuveetil	0471-2520256/257	anoop@sctimst.ac.in
Polymeric Medical Devices	Dr. Ramesh P.	0471-2520225	rameshp@sctimst.ac.in
	Dr. Roy Joseph	0471-2520275	rjoseph@sctimst.ac.in
Precision Fabrication	Er. Ramesh Babu V.	0471-2520245	ramesh@sctimst.ac.in
Sleep Research	Dr. Kamalesh K. Gulia	0471-2520450	kkgulia@sctimst.ac.in
Technology Business	Er. Balram S.	0471-2520308	balrams@sctimst.ac.in
Thrombosis Research	Dr. Lissy K. Krishnan	0471-2520219	lissykk@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

## **Students Grievance Redressal Committee**

Dr. Lissy K. Krishnan	Chairperson	+91-471-2520219	lissykk@sctimst.ac.in
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### **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).

## **BOND FORMAT FOR MPhil PROGRAM**

ARTICLES OF AGREEMENT, made this day of ....., **Two thousand and eighteen** 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 **one** year commencing from the day of .....

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 follow:

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 be as a student registered for MPhil programme for a period of one year, commencing from the day of .....until his/her studentship is terminated previously as hereinafter provided.
2. The student may be terminated as follows or for any other offence:
  - (i) 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 to continue his/her education 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.
  - (ii) 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 non performance 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 is this behalf shall be conclusive and binding on him/her.
  - (iii) By a notice in writing given at any time during the tenure of period under this Agreement by the Director of the Institute or its authorized officer to him, without cause assigned.

3. If the student be suspended from studies in connection with any investigation into his/her conduct, he shall not be entitled to any stipend during such period of suspension.
4. The student shall devote his/her whole time to the studies and shall not engage, directly or indirectly, in any trade/business/occupation/or profession (including any private practice/work) on his/her own account.
5. The student shall not, except as provided in this Agreement, discontinue his/her studentship without completing the course to which he/she has been admitted by the Institute. Concerned defaulter shall be liable to return the whole amount of scholarship received by him/her till the time of resignation OR a total scholarship/stipend/emoluments received by him/her of 6 months, whichever is higher.
6. The student will be provided with free hard furnished single room accommodation in the hostel subject to its availability. The student shall have to abide by the rules and regulations of the hostel of the Institute where he/she is accommodated and shall occupy the room allotted to him/her only as a licensee.
7. The student shall vacate the accommodation given to him/her as aforesaid on the day of completion of the course/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.
8. During the term he/she shall be entitled to leave as per the rules of the Institute.
9. 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.
10. 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.
11. 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.

IN WITNESS WHEREOF the student 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.

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

(Signature of the M.Phil Student)

Witnesses

Name & Address

Signature

1.

2.

**DEAN**

(for and on behalf of SCTIMST, Thiruvananthapuram)