



**SREE CHITRA TIRUNAL
INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY
TRIVANDRUM
THIRUVANANTHAPURAM-695 011, KERALA, INDIA**

No. SCTIMST/DAA/PhD/Advt/12

13.06.2012

ADMISSION NOTIFICATION

**ADMISSION TO Ph.D. PROGRAMME
(Only for Fellowship Holders)**

Applications are invited from highly motivated students for admission to the Ph.D. programme beginning in August 2012 at Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum.

Eligibility:

Post-graduate degree in Physics, Chemistry, Materials Science, Polymer chemistry/ Polymer sciences, Biochemistry, Biotechnology, Physiology, Zoology or any other branch of life sciences (excluding plant sciences and Bioinformatics). M.Tech in Polymer Engineering/Technology, M.Tech in Materials Science or Post graduate degree in Public Health, Cardiovascular Sciences, Neurosciences and Imaging & Interventional Radiology, Dentistry, Nursing, Veterinary Sciences, Social Sciences and Statistics.

Available Areas of Specialties for August 2012 Session:

- Molecular Genetics in Epilepsy/ Neurology
- Molecular Neurobiology
- Genetics, motor physiology including transcranial magnetic stimulation, electrical stimulation, drug delivery systems, technology development for diagnosis and evaluation of movement disorders
- Experimental Pathology, Mammalian derived extracellular matrix for tissue engineering applications
- Cell - Material interaction, Biocompatibility, stem cells and tissue engineering

- Pediatric and preventive cardiology and cardiovascular epidemiology
- Processing and testing of polymers for biomedical application, Mechanical and dynamic testing of polymeric materials, Polymer-ceramic/bioglass composites, Sustained drug delivery systems, Radiopaque polymers for medical application, Surface coating on devices, Hydrogel systems, Curcumin solubilization for medical applications
- Clinical epileptology, Electrophysiology, Pharmacogenomics, Molecular genetics of epilepsy, Neuropsychology, Language dysfunction
- Cellular and molecular cardiology.
- Functional neuroimaging, magnetic resonance imaging, Medical image processing
- Polymer composites, synthesis of polymers for medical and dental applications, Inorganic hybrid materials (Ormocers), Nano composites, smart composites and dental tissue remineralization
- Signalling events in Gliomas, Pathobiology of neurodegenerative disorders, Regulation of autophagy in diseases
- Biomedical materials and polymers for medical applications, Implant and medical devices, Tissue engineering

Minimum marks required to apply:

Consistently good academic record with 60% (GPA 6.5/10) marks in undergraduate and post graduate examinations. For applying for Ph.D. in medical specialties, the candidate must have a post graduate qualification with minimum 60% marks (First Class) in MBBS.

Individual with Junior Research Fellowship (JRF) obtained on the basis of a national level test (UGC,CSIR,ICMR,DBT) or INSPIRE only need apply and selection will be based on Interview.

For any area of research under Health Science Studies, candidates will be selected on the basis of a written test and interview.

NOTE:

The short listed candidates eligible for Interview will be published in the Institute website.

Candidates provisionally selected for admission will be intimated and their names will also be displayed on our website.

Last date of receipt of completed Application Form : 16th July 2012

Date of Interview : 27th July 2012

Application form may be downloaded from the website www.sctimst.ac.in and the cost of application form of Rs.1000/- may be sent by Demand Draft along with the duly filled in form to the following address. Demand Draft may be drawn from any Nationalized Bank in favour of " Director, SCTIMST" payable at "Trivandrum".

Apply to : **The Deputy Registrar
Division of Academic Affairs
Biomedical Technology Wing
SCTIMST, Poojappura,
Thiruvananthapuram-695012
Kerala, India**

Contact Nos : 0471-2520440, 2520441

Email Id : dreg@sctimst.ac.in

For more information, please refer to the Ph.D Manual, Ph.D course work and List of approved Ph.D guides available in the Institute website www.sctimst.ac.in.

DIRECTOR

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

(An Institute of National Importance under Govt. of India with the status of University by an Act of Parliament in 1980)

**APPLICATION FOR ADMISSION: PhD PROGRAMME- AUGUST 2012 SESSION
(ONLY FOR FELLOWSHIP HOLDERS)**

(For office use only)
Application No : _____
Roll No : _____

Affix Your Photograph Here

1.	Name of the candidate (as mentioned in 10 th / Higher Secondary Certificate)	
2.	Father's Name	
3.	Category General (GN) / Other Backward Class (OBC)/Scheduled Caste (SC) / Scheduled Tribe (ST) (Enclose certificate)	
4.	Nationality	Indian / Foreign
5.	Gender	Male / Female
6.	Date of Birth	Age (as on 01-06-2012) _____
8.	Category of Fellowship (CSIR,ICMR,UGC,KSCSTE/INSPIRE etc)	
9.	State/UT to which you belong	
10.	Are you employed? If YES, give name of employer and enclose a "No Objection Certificate"	
11.	Address for correspondence (with area pincode)	
12.	Permanent Address (With area pincode)	
13.	Email ID	
14.	Phone No. (with STD code)	
15.	Mobile Number	

16. Academic Qualification :						
Examination Passed	Name of the University	Month & Year of passing	Duration of course	Class/ Grade obtained	Major Subjects	% of marks obtained / CGPA
Bachelor's Degree ----- -----						
Master's Degree ----- -----						

17. Select any one of the “Area of Specialization” based on the candidate’s Post Graduate Degree. Please put “√” against the selection.

- 1) Life Sciences [] 2) Chemistry [] 3) Physics []
 4) Medical Sciences [] 5) Health Science Studies [] 6) Bioengineering []

18.	<p>Area of research Interest. Candidates should give research interest and reasons there of and in what way research career is attractive to them (attach separate sheet if necessary)</p> <hr/> <hr/> <hr/> <hr/>
19.	<p>Details of : 1. Scientific publications 2. Title of MSc Dissertation <i>(attach separate sheet if necessary)</i></p> <hr/> <hr/> <hr/> <hr/>
20.	<p>Any other information relevant to research work which you may like to give in support of your application</p> <hr/> <hr/> <hr/>

21.	Demand Draft details drawn in favour of “ Director, SCTIMST “ and payable at Trivandrum (DD for Rs. 1000/-)			
	DD Number	DD Date	Drawn on	Amount (In Rs.)

NOTE :

The application along with the following documents should reach the **Deputy Registrar, Division of Academic Affairs, BMT Wing, SCTIMST, Poojappura P.O, Trivandrum, Kerala-695 012** on or before **16th July 2012.**

- a) Two letters of reference
- b) Educational qualification certificates (true attested copies)
- c) Proof of fellowship (true attested copies)

Application received without any of the above said documents and the Demand Draft (Application Fee) will be summarily rejected.

DECLARATION BY THE APPLICANT

I hereby declare that the information given is true and correct and no information has been suppressed to the best of my knowledge and belief. In case any information given by me in this application is proved to be false or incorrect at any stage, I shall be responsible for the consequences, which may include among other things, cancellation of my admission, be in at any stage. I further declare that I shall maintain good conduct, pay the requisite fee and other charges by the due dates, attend my classes and duties regularly, and abide by the rules and regulations of the Institute without fail.

Place :

Date :

(Signature of the Candidate)

(For Office Use Only)

- 1. Candidate selected for Written Test / Interview : YES / NO
- 2. Candidate selected for Direct Interview only : YES / NO
- 3. Final Result : SELECTED / NOT SELECTED