



Research & Project cell : 0471-2524437/637, projectcell@sctimst.ac.in

**REQUIRES**  
**SENIOR RESEARCH FELLOW (TEMPORARY)**

For NSM Funded Project entitled "Development of HPC tools for CFD-based patient specific management of Cerebral Aneurysms)(#5424)

1. Qualification & Experience : 1. B.Tech/M.Tech (Mechanical Engineering/Computer Science/Electrical Engineering/Electronics Engineering/Clinical Engineering/Biomedical Engineering  
(Essential) 2. Qualified in GATE  
3. 2-years of CFD work/research experience
2. Qualification & Experience : CFD Experience (in particular commercial/community solvers such  
(Desirable) as,ANSYS/ABAQUS/COMSOL/OPENFOAM is welcome).  
Experience in biological systems, fluid/blood flow simulations is Desirable. Programming experience in C/C++/Python/MATLAB
3. Maximum age limit as : 35 Years  
On 31-05-2021
4. Number of vacancies : 1 (UR)
5. Consolidated remuneration : **Rs.35,000/- + 16% HRA** per month
6. Tenure of Appointment : One year (extendable) or till completion of the project, whichever is earlier.
7. Brief job description : 1. Data acquisition and image processing of patient-specific aneurysm models 2. Performing Computational fluid dynamics simulations in OPENFOAM/commercial solver. 3. Code parallelization using MPI 4. Performing test runs on NSM facilities and procuring and analyzing the scientific data using suitable visualization tools.
8. Nature of appointment :Purely on contract

Interested candidates may submit the scanned copy of application in the prescribed format with self attested copies of certificates to prove their age, qualifications, experience etc by email to [projectcell@sctimst.ac.in](mailto:projectcell@sctimst.ac.in) on or before 10/05/2021. The applications will be screened and the eligible candidates will be informed the details of Online Interview through email/phone. Candidates should provide proper contact email ID and mobile number.

In case 2 years experienced candidates are not available for selection, lesser experienced candidates will be considered for selection at a lower remuneration of Rs.31,000/- +16% HRA pm.

R&P Cell/23/5424/SCTIMST/2021 dated 27/04/2021  
Notice Board (Hospital Wing/AMC/BMT Wing)/Website  
सूचना पट्ट -अस्पताल/ए एम सी एच एस एस/बी एम टी /वेबसाइट

Sd/-  
DIRECTOR

  
Administrative Officer



**RECRUITMENT REPORT FORM**

(All fields must be filled by the candidate)

(Write Roll No.)

1. Post applied for :
2. Name of candidate (in capital letters) :
3. i. Notified Reservation Category (SC/ST/  
OBC (NCL)/UR) to which you belong  
ii. Specify Religion & Caste :
4. Gender (Male/Female/Others) :
5. Date of birth & Age :
6. Present address with pin code :
  
7. Permanent address with pin code :
  
8. Contact no. (Landline & Mobile) :
9. Email address :
10. Father's name, occupation & address :
  
11. If you belongs to PWD category (40%  
or more), write type of disability :
12. i. Married or Single :  
ii. If married, write name and address  
of your spouse :
13. Physical Characteristics : Height : Weight :

**(For Office Use Only)**

Certificate Verification Particulars		Y/N	Remarks
Qualification & Experience			
Desirable:	Computer Operation		
Caste Certificate produced	SC / ST / OBC / UR		
Age Relaxation given	SC / ST / OBC / PWD / Ex-servicemen / Widow/ Divorced Women/ Others		
Other Remarks (if any)			
Name of Verifying Officer		Signature of Verifying Officer	

14. Identification marks

- i.
- ii.

15. If you are a professional (Medical : graduate/Nurse/Pharmacist etc.), write Reg. No.

16. Date and the State in : which you are registered in the concerned council

17. If any of your relatives employed in this : Institute, indicate name(s), relationship, Designation.

18. Academic record (from matriculation onwards-including course attended)

Sl. No	Name of examination passed	Name of Board/ University	Year of Entry	Year of leaving	Date of passing	Percentage of marks	Rank/ Class/ Division/ Grade

19. Previous Employment details

Sl. No	Address of employer (Specify No. of beds if worked in a hospital)	Designation & Salary	Nature of work	Period of Experience			Reason for leaving
				From Date (DD/MM/YY)	To Date (DD/MM/YY)	Total in years	

20. If selected, approximate time required to join duty:

21. Name and address of two references:

- i.
- ii.

**Declaration**

I declare that the above furnished details are true and correct to the best of my knowledge and belief. I am aware that in the event of my furnishing any false information, the Institute reserves its right to terminate my service without notice.

Thiruvananthapuram

Date:

**Signature of the candidate**