



श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान, त्रिवेन्द्रम
SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, TRIVANDRUM

THIRUVANANTHAPURAM - 695 011, KERALA, INDIA

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

(An Institution of National Importance, Department of Science and Technology, Government of India)

Research & Publication Cell: 0471-2524437/637, Email: projectcell@sctimst.ac.in, Website: www.sctimst.ac.in

**WALK-IN-INTERVIEW FOR SELECTION TO THE POST OF
RESEARCH ASSOCIATE II (TEMPORARY)**

For DST Funded Project entitled "Computational Fluid Dynamics based tools to the aid of clinical decision making in the management of intracranial aneurysms." (P-5436)

1. Qualification & Experience : PhD (Engineering Sciences, Computational Fluid dynamics, bio-fluids) using CFD solvers (OPENFOAM/ Commercial solvers) during research, teaching and design and development.
(Essential)
OR
ME/ M.Tech (Mechanical/ Biomedical/ Applied Mechanics/ Engineering Design/ Chemical/ Instrumentation/ Electronics/ Computer Science/ Civil) and having FIVE years research, teaching and design and development experience after ME/ MTech with atleast one research paper in Science Citation Indexed (SCI) Journal.
M.Tech candidates have opportunity to register for PhD through Project mode at IIT Madras, subject to Institute rules.
2. Qualification & Experience : • Experience in CFD, FSI in biological systems, fluid/ blood flow simulations.
(Desirable) • Experience using ANSYS/ COMSOL Multiphysics/ Open FOAM and code parallelization
• Experience in big data, machine- learning and artificial intelligence.
3. Maximum age limit as on : 35 Years*
01.03.2023
4. Number of vacancies : 1 OBC (backlog)**
5. Consolidated remuneration : Rs. 49000/- + 16% HRA per month.
6. Tenure of Appointment : One Year (Extendable up to 21.10.2024) or completion of project, whichever is earlier
7. Brief job description : 1. Data acquisition and image processing of patient-specific aneurysm models.
2. Clinical and Radiological data acquisition, compilation and analysis
3. Performing Computational fluid dynamics simulations in ANSYS/ COMSOL Multiphysics/ OPENFOAM.
4. Code parallelization
5. Processing and analysing the scientific data using suitable visualization tools/ software
8. Nature of appointment : Temporary (Purely on contract)
9. Mode of Selection : Walk-in-interview
10. Time and date of interview : 02:30 PM on 20.03.2023
11. Venue : Lecture Hall, 3rd Floor, AMCHSS Building
Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST) at Medical College Campus, Thiruvananthapuram.
12. Reporting Time : 01:30 PM

*Relaxation on age by 5 years will be given for PhD qualified candidates, without deviating from the essential qualifications prescribed for the post.

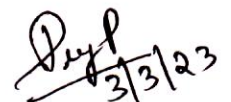
**In the absence of eligible OBC candidates, UR will be considered.

In the absence of candidates with five years experience, candidates with lower experience (minimum 3 years) will be considered as Research Associate-I at a lower remuneration of Rs.47000/- + 16% HRA.

Those who fulfil the above requirements may report for Interview, as per the above schedule at the Ground floor of AMCHSS building, along with Bio-data, original certificates and copies of certificates to prove age, qualification, experience and caste at the time of interview. *Non Creamy Layer Certificate for OBC should be valid and in the prescribed format applicable for employment in Central Government Institutions, issued by a Revenue Officer not below the rank of a Tahsildar.*

R&P Cell/07/5436/SCTIMST/2023 dated 22.02.2023

Sd/-
DIRECTOR


3/3/23

Administrative Officer