



श्री चित्रा तिरुनाल आयुर्विज्ञान एवं प्रौद्योगिकी संस्थान, त्रिवेंद्रम  
जैव चिकित्सा प्रौद्योगिकी स्कंध, पूजप्पुरा, तिरुवनंतपुरम- 695012, केरल, भारत  
SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, TRIVANDRUM  
BIO MEDICAL TECHNOLOGY WING,  
POOJAPPURA, THIRUVANANTHAPURAM – 695 012, KERALA, INDIA  
( एक राष्ट्रीय महत्व का संस्थान, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार )  
(An Institution of National Importance, Department of Science and Technology, Government of India)  
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Advt. No.P&A.II/134/PTS/P.8262/BMT-SCTIMST/2024

Dated: 29.10.2024

## RECRUITMENT

For ICMR funded Project entitled “Reconstruction geometry optimization and methodology development for surgery planning of children suffering from single ventricular heart disease, using computation fluid dynamics evaluation for patient-specific vascular model acquired by MRI scanning” P.8262

### Project Technical Support III

Qualification / Experience (Essential)	: Engineering degree in Mechanical / Biomedical / Automotive / Production / Aerospace
Qualification (Desirable)	: Masters in Mechanical Engineering
Experience (Desirable)	: Strong understating of core mechanical engineering concepts, Knowledge of Computational Fluid Dynamics, Proficiency in ANSYS software, Image segmentation from CT/MRI scan data, Working knowledge of 3D Slicer software
Job description	: Construction of 3D geometry from MRI, CFD analysis using Ansys, Test System Development, Purchase of raw materials and Equipments, Documentation
Monthly emoluments	: Rs.28,000/- + 18% HRA for 1 <sup>st</sup> & 2 <sup>nd</sup> year, Rs.29,400/- + 18% HRA for 3 <sup>rd</sup> year
Age limit as on 01.10.2024	: 35 years
No. of vacancies	: Existing—1 SC (Backlog) (In the absence of eligible SC candidates, UR will be considered.)
Duration	: Initially for a period upto 19.06.2025, likely to be extended upto 3 years.
Last date for applying ONLINE	: <b>11.11.2024 5.00 pm</b>

Eligible candidates are required to apply ONLINE through Institute website (Link given below) and upload scanned copies of certificates to prove age, qualifications, experience and a valid caste certificate (for SC candidates) in the prescribed format applicable for employment in Central Govt. Institutions issued by a Revenue Officer not below the rank of a Tahsildar.

The applications will be screened and eligible candidates will be called for an Interview to be conducted at the Biomedical Technology Wing of the Institute at Poojappura, Thiruvananthapuram – 695 012. **Intimation regarding the schedule of interview will be sent to their email id provided in the ONLINE application form.** No TA/DA will be paid for attending the interview. Experience wherever prescribed means experience gained AFTER acquiring the prescribed essential qualification.

Note : Depending on the number of candidates, a written test of a qualifying nature will be conducted for initial screening and only qualified candidates will be called for interview. Marks obtained in the written test, if conducted, will not be counted for final ranking.

Sd/-  
HEAD, BMT Wing

To  
Notice Board (BMT Wing / Hospital Wing / AMC), Website

Administrative Officer Gr.I



**ONLINE Application Link: ( <https://www.sctimst.ac.in/Recruitment/> )**