



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/27/JRF/P.8217/BMT-SCTIMST/2024

Dated: 19.06.2024

## RECRUITMENT

**For Cognitive Science Research Initiative (CSRI) of DST—Wise Kiran funded Project entitled “Development of AI based neonate-infant cry analyzer and assessment of link between protophones and maternal sleep during pregnancy” P.8217**

### Junior Research Fellow

- Qualification (Essential) : M.Sc in Machine Learning / M.Tech in Bioinformatics / Electronics / Computer Software Engineer  
Qualified in any of the National Eligibility Test like – GATE or UGC-CSIR-NET or selected under National Level Exam conducted by agencies like DST, DBT, ICMR, DAE, DOS, DRDO, MHRD, IIT, IISc, IISER, SCTIMST, etc. or equivalent bodies.
- Experience (Desirable) : Experience of Machine Learning and deep learning tools, statistics, spectral analysis of data, data cleaning and analysis.
- Job description : To analyze the sound signals (cry sounds) using ML & AI tools, compilation of sleep questionnaires, statistical analysis of data and making reports pertaining to this project.
- Monthly emoluments : Rs. 31,000/- + 18% HRA for 1<sup>st</sup> & 2<sup>nd</sup> year and Rs.35,000/- + 18% HRA for 3<sup>rd</sup> year
- Age limit as on 01.06.2024 : 35 years
- No. of vacancies : **Existing – 1 ST (Backlog) (In the absence of eligible ST candidates, UR will be considered.)**
- Duration : Initially for a period of 1 year, likely to be extended upto 3 years.
- Last date for applying ONLINE : **02.07.2024 5.00 pm**

Eligible candidates are required to apply ONLINE through Institute website (Link given below) and upload scanned copy of certificates to prove age, qualifications, experience and a valid caste certificate (for ST 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 send 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



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

  
Administrative Officer Gr.I