

Sanction No.: SEED/TIDE/2023/1131	Date: 28.04.2025
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Project SRF position under DST- SEED/TIDE Project

Applications are invited under the sponsored project. The details of the project are as under:

Position	Senior Research Fellow (SRF)
Number of Position (s)	1 (one)
Title of The Project	Dictated Note printer in Braille for blind with cyber physical system
Principal Investigator	Dr. Rohith Balaji Jonnala, Department of Electrical and Electronics Engineering, Shri Vishnu Engineering College for Women (A), Vishnupur, Bhimavaram, West Godavari Dist. – 534 202, A.P., India; Email: rohithbalajijonnala@svecw.edu.in
Tenure of Project	3 years
Job Description	This project focuses on developing an educational tool for visually impaired individuals. While there are several Braille printers available in the market, only a few are truly accessible to the blind. This project addresses the existing limitations by leveraging cyber-physical systems. The candidate will need to implement voice command-to-text conversion using any voice assistance device. Additionally, the role involves building a functional hardware setup and conducting experiments to validate findings related to user interfaces and operating conditions.
Essential Qualification	M. E. / M. Tech. in Mechanical Engineering, Electrical Engineering, or a related field in Mechatronics, with coding experience in microcontrollers and cloud interface. Additionally, the candidate must have 2 years of Junior Research Fellow (JRF) experience .
Desirable Qualification	Strong knowledge of motor and electromagnetic switch control, along with proficiency in programming. The candidate should also have the aptitude and willingness to engage in hardware design and assembly.
Age and Relaxation	Not more than 28 years , with relaxation up to 5 years for SC / ST / OBC / physically handicapped / women candidates, as per the norms of the Govt. of India
Fellowship	₹ 42,000/- per month
Last Date & Time	Interested candidates should email a single PDF [containing CV, self-attested copies of all mark sheets, certificates starting from 10th class, proof of work experience] to PI (rohithbalajijonnala@svecw.edu.in), on or before 21 May 2025, 3PM . Candidates should write "Application for SRF position in DST(SEED/TIDE/2023/1131)" in the subject of email.
Shortlisted candidates will be notified via email. Meeting the minimum qualifications does not guarantee an invitation to the interview. Candidates will be shortlisted based on merit and the specific requirements of the project. The interview will be conducted via video conferencing / physical, and a link / venue will be shared with the shortlisted candidates in due course.	

J.R. Balaji
(Signature of PI)