Applications are invited from eligible candidates for the position of Project Assistant for the SERB-POWER, GOI project titled “Design and development of low cost multifunctional lower limb exoskeleton system for motion assistance to paraplegics” in the Department of Instrumentation and Control Engineering, National Institute of Technology, Tiruchirappalli.

**Position & Number**  
Junior Research Fellow (JRF) or Research Assistant– one

**Essential qualification**  
Essential- B.E/B.Tech in Mechanical / production/ Mechatronics/ Instrumentation /Electrical. Minimum 60% or 6.5 CGPA in UG / PG from a recognized University/ Institute.  
Candidates with qualified GATE score will be considered for JRF post and candidate without GATE Score will be considered for Project Assistant post

**Job Description**  
1. Robotic modelling and control, simulation and experimentation.  
2. Maintenance of Equipment and inventories for the project.  
3. Dynamic modeling and design of exoskeletons (CAD), Co-simulation using MATLAB/SOLIDWORKS/ANSYS

**Salary**  
Rs. 31000 +16% HRA for JRF  
Rs. 25000 + 16% HRA for Project Assistant

**Duration of Project**  
12 Months

- Eligible candidates may send the scanned copy of their duly filled applications (only in the prescribed format given below) along with the relevant supporting documents by email to: icenittproject@gmail.com with the subject marked as “JRF Application-SERB-POWER PROJECT”.
- Preference will be given to the candidate who is having good academic record, research potential, relevant experience. However, the selection of the candidate would be based on their performance in the Interview.
- The date of interview will be communicated to the shortlisted candidates by E-mail. No T.A/D.A will be paid for attending the written test and the interview.
- The selection committee decision is final. If any applicant is found to canvass in any manner, the candidate selection shall be summarily rejected.
- The last date for receipt of applications is **26.06.2023**

**Dr. D. Ezhilarasi (Principal Investigator)**  
Associate Professor, Department of Instrumentation and Control Engineering  
National Institute of Technology, Tiruchirappalli – 620015.
### APPLICATION FOR THE POST OF RESEARCH ASSISTANT / JRF

1. **Name of the Candidate in full**
2. **Nationality**
3. **Mother Tongue**
4. **Date of Birth**  
   - Date  
   - Month  
   - Year
5. **Sex**  
   - Male / Female
6. **Marital Status**  
   - Married / Single
7. **Category**  
   - SC / ST / OBC / General  
   - Please specify
8. **Address for communication with Mobile number and E Mail ID**
9. **Project Title**
10. **Name of the Post applied for**
11. **Advertisement Number with Date**

#### Academic Career:
Enclose photo copies of the qualifying degree certificates and mark sheets/grade cards showing the percentage of marks or CGPF from HSC onwards.

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<th>Board / University</th>
<th>Broad subjects of study</th>
<th>Year of Passing</th>
<th>% of marks / GCPA</th>
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Enclose self-attested scanned copies
13. GATE Score .......................... Subject ............................................................... Year.................................................................

14. NET Score .................................. Subject ............................................................... Year..........................

15. Work Experience, if any

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16. Previous Research work and publication, if any (enclose copies of published or unpublished work)

______________________________________________________________________________
______________________________________________________________________________

17. Proof of past study as a sponsored candidate, or other contractual obligation, if any:

______________________________________________________________________________

18. Reference

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19. Declaration: I do hereby that the information furnished in the application is true to the best of my knowledge and belief. If admitted, I shall abide by the rules and regulations of the Institute and Project associated to it. If any information furnished in this application is found to be untrue, I am liable to forfeit the seat / appointment allotted to me any time in future and legal action be taken against me.

Date: Full signature of the Applicant

List of Enclosures: (1)
(2)
(3)
(4)