Applications are invited from Indian Nationals only for Project Positions as per the details given below, (for consultancy / research projects, under the Project Investigator Dr. S. Senthil Kumar, Associate Professor and Electrical and Electronics Engineering in National Institute of Technology, Tiruchirappalli-15 and Tamil Nadu.

1. Title of the Project
   Design and Development of WBG Device Based High Current Converters for Industry Applications

2. Funding Agency for the Project
   Ministry of Electronics & Information Technology, New Delhi.

3. Project Positions and Number
   JRF and 01 (Electrical-1)

4. Qualifications
   JRF-Electrical
   M.E / M-Tech Specialized in Power Electronics / Power Systems.

5. Emoluments
   JRF and Rs. 35,960/- (Rs.31,000/- plus 16% HRA)

6. Duration
   36 Months

7. Job Description
   1. Purchase of Equipment’s and Components.
   2. Setting up of the prototype hardware in the laboratory.
   3. Evaluate and analyse the system.
   4. Design and Testing of SIC based power converter in the laboratory at NIT-T.

A. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.

B. Candidates desiring to appear for the Interview should submit their applications with the following documents to the Office of the Principal Investigator through Registered/ Post with “Junior Research Fellow – ES – NaMPET-III” mentioned on the cover:
   - Filled in application should be furnished in the prescribed format.
   - Self-attested copies of marksheets, degree certificates and experience certificate.

C. The soft copy of the application shall be sent to nampet3jirfee@gmail.com on or before 13th September 2021.

D. The duly filled-in hard copy of the application along with copies of certificates should reach us before 4.00 pm on 15th September 2021 in prescribed format.

E. The shortlisted candidates will be intimated about the interview through e-mail. The interview will be held in EEE department, NIT Tiruchirappalli for the shortlisted candidates.

F. Candidates shall bring along with them the original certificates at the time of interview for verification.

G. Please note that No TA/DA is admissible for attending the interview.

H. The decision of the selection committee is final. Canvassing in any form leads to rejection of the candidature.

Principal Investigator
**APPLICATION FOR THE POST OF 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

<table>
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<tr>
<th>Name of Exam</th>
<th>School / University</th>
<th>Board/University</th>
<th>Broad subjects of study</th>
<th>Year of Passing</th>
<th>% of marks / CGPA</th>
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Enclose self-attested Xerox copies

12. **GATE Score**
   - Subject
   - Year
13. **NET Score**
   - Subject
   - Year
14. **Work Experience, if any**
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<th>Organization</th>
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<th>Duration</th>
<th>Nature of Job</th>
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14. Previous Research work and publication, if any (enclose copies of published or unpublished work)

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

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16. Reference

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17. I do not have a relative among Faculty and Staff of the NIT, Tiruchy.

18. 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)