
<table>
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<tr>
<th>Position</th>
<th>No of vacancy</th>
<th>Essential Qualification</th>
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<tbody>
<tr>
<td>JRF</td>
<td>01</td>
<td>B.E/B.Tech in Electronics &amp; Communication Engineering and M.E/M.Tech or equivalent in Signal Processing/Communication System/Wireless Communication with a minimum of 60% (or above) aggregate marks (CGPA ≥ 6.5/10) in UG and PG. A valid GATE / equivalent national level test score is a desirable requirement. However, Applicants who have not qualified in GATE/equivalent national level test are also eligible to apply.</td>
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| Salary    | 31,000/- + 16% HRA per month for two years |
| Job Description | • Study of Orthogonal Time Frequency Space (OTFS) modulation and Index Modulation (IM).  
• Conception and MATLAB simulation of novel system models involving IM in OTFS modulation.  
• Performance analysis of the system models.  
• Documentation of results. |
| Duration of Project | 24 Months (tenure extension based on fund availability, and performance review every 12 months) |
• The application should be submitted only in the prescribed format.

• Mere full filling the above criteria will not be sufficient. The higher criteria for the selection of the candidates may be imposed based on the number of applications.

• The selection committee decision is final. If any applicant is found to canvass in any manner, the candidate selection shall be summarily rejected.

• 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 (as a single PDF) and their latest resume by email to: mahswrn.nitt@gmail.com, mahes@nitt.edu with the subject marked as “JRF Application-SERB SRG PROJECT - <Your Name>”.

• Eligible candidates must also fill the application through online link given below.

   https://forms.gle/rCYu8LyEYGxhDTf88

   **Scanned copy of the filled application form and relevant certificates in .pdf format should be uploaded.**

• Preference will be given to the candidate who is having good academic record, research potential, and relevant experience. However, the selection of the candidate would be based on their performance in the Interview.

• The date of written test, interview, and mode of interview will be communicated to the shortlisted candidates by E-mail.

• No T.A/D. A will be paid for attending 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.

• **Age of the applicant less than 30 years as on the closing date of application is preferable**

• **The candidate selected as Junior Research Fellow, will be permitted to register for PhD Programme as per NITT rules and regulations.**

• The last date for receipt of applications is till **20.02.2022, 11:59 PM.**

Dr. P. Maheswaran (Principal Investigator)
Assistant Professor,
Department of Electronics and Communication Engineering
National Institute of Technology, Tiruchirappalli – 620015.
Email: mahswrn.nitt@gmail.com, mahes@nitt.edu
# Office of the Dean (R & C), NIT, Tiruchi

## Recruitment of Temporary Project Staff - Application for the Post of Research Associate / JRF

### For Office Use only

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<thead>
<tr>
<th>For Office Use only</th>
<th>Paste here your recent passport size color Photograph</th>
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<tbody>
<tr>
<td>Serial Number allotted to the Applicant ……………………………</td>
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<tr>
<td>Signature of the Application Screening Committee Chairman</td>
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## 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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<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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<td>H.S.C</td>
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<td>Graduation</td>
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<td>Post-Graduation</td>
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Enclose self-attested Xerox copies
13. GATE Score ........................................ Subject .................................................. Year ............................................................

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

15. Work Experience, if any

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<th>Organization</th>
<th>Designation</th>
<th>Duration From</th>
<th>To</th>
<th>Nature of Job</th>
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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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<th>Name</th>
<th>Address</th>
<th>Phone &amp; E Mail ID</th>
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19. I do not have a relative among Faculty and Staff of the NIT, Trichy.
20. 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)