

OFFICE OF THE DEAN (R & C), NIT, TIRUCHIRAPPALLI
ADVERTISEMENT FOR RECRUITMENT OF JRF

FORM No. 7

Ref.: NITT/ANRF/PMECRG/2026/MRR

Dated: 24/08/2026

Applications are invited from Indian Nationals for Project Position as per the details given below, for research projects under the Principal Investigator **Dr. Manikandan R R, Assistant Professor, Department of Electronics and Communication Engineering, National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.**

1.	Title of the project	:	Miniaturized DC-DC Buck Converters, and Nano-Power MOSFET Zero Temperature Coefficient (ZTC) Operating Point Based PMU Infrastructure Circuits
2.	Funding agency for the project specimen	:	Anusandhan National Research Foundation (ANRF) - Prime Minister Early Career Research Grant (PMECRG)
3.	Project Positions and Number	:	Post vacant: Junior Research Fellow (JRF)/Project Associate – I No of vacancies: 1
4.	Qualifications	:	JRF: B.E/B.Tech or M.E/M.Tech with First class in ECE, EEE, Instrumentation and Control Engineering, from UGC recognized University/College and with valid GATE score. Project Associate – I: B.E./B.Tech with first class (1st class) in ECE, EEE, Instrumentation and Control Engineering, from UGC recognized University/College.
5.	Emoluments	:	JRF: Rs. 37,000 + HRA (first 2 years) and Rs. 42,000 + HRA (3rd year). Project Associate – I: Rs. 30,000 + HRA (first 2 years) and Rs. 33,000 + HRA (3rd year).
6.	Duration	:	Maximum 3 years (Initially 3 months and will be Extended up to 3 years)
7.	Job Description	:	● Design of Power Management Integrated Circuits, ● Perform analog circuit simulation in CADENCE, ● Layout design and parasitic extraction, ● Full chip IP integration and layout design, ● Chip Tape-Out, ● PCB design for chip testing and Conducting experiments, ● Performing power management circuits characterization, ● Data Analysis and Report Generation, ● Writing reports & technical articles.

Additional information:

- Only those candidates who have been awarded Degree/Provisional Certificate are eligible to apply.
- Upon appointment, an opportunity will be provided to register M.S. (By Research) (for undergraduates)/Ph.D. (for postgraduates) at NIT, Trichy for JRF candidates, subject to fulfilling Institute norms.
- Age Limit (JRF): The upper age limit is 32 years as on the closing date of advertisement. The upper age limit shall be relaxable to the candidates belonging to SC/ST is 5 years and OBC is 3 years.
- Age Limit (Project Associate – I): The upper age limit is 35 years as on the closing date of advertisement. The upper age limit shall be relaxable to the candidates belonging to SC/ST is 5 years and OBC is 3 years.
- Eligible candidates will only be called for interview as per the criteria set by the selection committee based on valid GATE score (for JRF only), percentage of marks obtained in minimum qualifying degree, relevant experience and other.
- For JRF, GATE paper and subject of qualifying degree must be related to the subject/discipline against which the candidate is applying.
- Candidates serving in Govt. or in Govt. owned organizations will be required to produce “NOC” from their respective Department/Employer at the time of interview failing which the candidate will not be allowed to appear for the interview or they should apply through proper channels.

General Instructions:

- Application should be furnished only in the prescribed format.
- Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- Incomplete applications are liable to be rejected.
- Only those candidates who have been awarded Degree/Provisional Certificate are eligible to apply.
- Copies of supporting documents should be scanned and emailed together with the application. All supporting documents should be submitted as a single PDF file.
- Candidates need to produce Original Certificates/Testimonials for proof of Category, Age, Educational Qualifications, GATE score, B.E./B.Tech/M.E./M.Tech marks memos and No Objection Certificate (where applicable) at the time of interview. One self-attested photocopy of all above documents should be submitted at the time of interview.
- The candidate must submit the supporting document for converting CGPA/CPI to equivalent percentage (%) from the concerned University.
- Please note that no TA/DA is admissible for attending the interview.
- Candidates should make their own arrangement for their stay and transport to NIT, Trichy.
- It may please be noted that the offer of Fellowship will under no circumstances confer on candidates any right of absorption in NIT, Trichy. NIT reserves the right to cancel the fellowship at any point of time if the JRF candidate is found not suitable after selection.
- Award of Fellowship shall not be claimed by any candidate as a matter of right. It shall be entirely at the discretion of the Selection Committee, which may refuse to admit any candidate without assigning any reason thereof.
- The last date and time of submission of duly filled in application: **07.09.2026, 05:00 pm.**

- Applications should be submitted (only in the form of softcopy PDF form) with all necessary documents through email manirr8687.nitt@gmail.com. For any details contact Dr. Manikandan R R, Ph. No: 9535144501 between 14:30 to 17:00 hrs on all working days (Monday to Friday).

R. R. Manikandan
(R.R. Manikandan)

Name and Signature of the Principal Investigator

OFFICE OF THE DEAN (R & C), NIT, TIRUCHI
**RECRUITMENT OF TEMPORARY PROJECT STAFF --PRESCRIBED APPLICATION FOR THE POST OF RESEARCH
ASSOCIATE / JRF / SRF / TECHNICAL STAFF – SPECIMEN TEMPLATE**

For Office Use only Serial Number allotted to the Applicant Signature of the Application Screening Committee Chairman	Paste here your recent passport size colour Photograph
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APPLICATION FOR THE POST OF RESEARCH ASSOCIATE / JRF / SRF/ TECHNICAL STAFF

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					
Name of Exam	School / University	Board/ University	Broad subjects of study	Year of Passing	% of marks / GCPA
S.S.L.C					
H.S.C					
Graduation					
Post-Graduation					
Any other					

Enclose self-attested Xerox copies

12. GATE/NET ScoreSubject
.....Year.....

13. Have you or your relatives associated with NIT Tiruchirappalli? (if yes, provide the details)

14. Have you already associated/associating with NIT Tiruchirappalli.(Student/Project staff, etc.,)? (if yes, provide the details)

position	Duration		Nature of Job
	From	To	

15. Work Experience, if any

Organization	Designation	Duration		Nature of Job
		From	To	

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

Name	Address	Phone & E Mail ID

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/consultancy associated with 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)

