

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH  
THIRUVANANTHAPURAM

Maruthamala PO, Vithura, Thiruvananthapuram 695551

**Office of the Dean, Research Development and Consultancies**

**Recruitment of Research Project Personnel**

The Indian Institute of Science Education and Research Thiruvananthapuram is one of the premier science education and research institutes established by the Government of India in 2008 to impart high-quality education integrated with outstanding research in modern science. The Institute invites applications for the following positions on contract basis:

<b>Name of the post</b>	JRF
<b>Title of the project</b>	Development of a 50-qubit quantum information processor with electron spins in silicon
<b>Funding agency</b>	DST/National Quantum Mission
<b>Minimum educational qualifications</b> (as prescribed by the funding agency)	(i) Master's degree with first-class in Physics/applied physics/Engineering physics or Bachelor's degree in Engineering in Electrical/mechanical/Computer Science. (ii) Should have qualified National Level eligibility exams such as CSIR/UGC NET Category I/II/III, including lectureships and Assistant professorships, GATE, JEST or obtained the qualified degree from Institute of National Importance
<b>Desirable qualifications</b>	Expertise in Electronic circuit design, Device processing & fabrication, Designing data acquisition systems, measurement automation, Labview
<b>Number of posts</b>	01
<b>Fellowship amount</b>	37000/- pm +HRA as admissible
<b>Tenure of the post</b>	1 Year, Extendable up to 3 years based on satisfactory performance
<b>Age</b>	30 Y, Age relaxation as per Govt. India Rules.
<b>Last date</b>	08 <sup>th</sup> September 2025
<b>How to apply?</b>	e-mail CV, copies of certificates as a single PDF file to <a href="mailto:madhu@iisertvm.ac.in">madhu@iisertvm.ac.in</a> with a subject line NQM-JRF-SRF<last name>

## **ANNEXURE ADVERTISEMENT**

Information regarding the interviews will be sent by email to all the short-listed candidates.

Selected candidates must submit the following documents to the Institute:

1. A printed copy of the application form (the one sent by email) signed and dated by the applicant
2. Recent passport size photograph
3. One photocopy each of all relevant certificates and other testimonials in support of age, qualification, and experience
4. Originals of all certificates for verification of documents

### **General Information**

1. Candidates are advised to mention in the application form, all relevant qualifications and experience for the position applied for. The prescribed educational qualifications are the bare minimum. Mere fulfilment of the minimum criteria does not entitle a candidate to be shortlisted for the interview.
2. Appointment to the post is governed by the terms and conditions laid down by the funding agency for the specific project and for the specific post.
3. The qualifying degree of the candidate for the position applied for must be from a recognized University/Institution.
4. Shortlisting of candidates is done by the Selection Committee constituted for this purpose, if the number of applications received is high. Shortlisting is done taking into consideration the qualifications and experience over and above the minimum prescribed in the advertisement.
5. No Travelling Allowance or Dearness Allowance will be paid for appearing for the interview.
6. Selected candidates are required to join duty at the earliest on receipt of the offer letter.
7. Appointment is purely temporary and will terminate automatically on closure of the research project, without any further notice or compensation.
8. The appointed candidate does not have any right to claim appointment or absorption into the job supported by the funding agency or IISER Thiruvananthapuram during the research project or after the closure of the research project.

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<b>Name of the post</b>	SRF
<b>Title of the project</b>	Development of a 50-qubit quantum information processor with electron spins in silicon
<b>Funding agency</b>	DST/National Quantum Mission
<b>Minimum educational qualifications</b> (as prescribed by the funding agency)	(i) Master's degree with first-class in Physics/applied physics/Engineering physics + at least 2 years of Research experience in the field related to quantum technology, low temperature transport, electrical measurements. (ii) Should have qualified National Level eligibility exams such as CSIR/UGC NET Category I/II/III, including lectureships and Assistant professorships, GATE, JEST or obtained the qualified degree from Institute of National Importance
<b>Desirable qualifications</b>	Expertise in Electronic circuit design, Device processing & fabrication, Designing data acquisition systems, measurement automation, Labview etc., highly desirable.
<b>Number of posts</b>	01
<b>Fellowship amount</b>	42000/- pm +HRA as admissible
<b>Tenure of the post</b>	1 Year, Extendable up to 3 years based on satisfactory performance
<b>Age</b>	32 Y, age relaxation as per Govt. India rules.
<b>Last date</b>	08 <sup>th</sup> September 2025
<b>How to apply?</b>	e-mail CV, copies of certificates as a single PDF file to <a href="mailto:madhu@iisertvm.ac.in">madhu@iisertvm.ac.in</a> with a subject line NQM-JRF-SRF<last name>

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