Centre of Excellence in Complex and Non-linear Dynamical Systems

VJTI, Matunga, Mumbai-400019

Advertisement for the Post of SRF (3 Nos)

Veermata Jijabai Technological Institute (VJTI) is a premier and one of the oldest engineering institutes in India. Established in 1887, it is an autonomous institute of Government of Maharashtra and is affiliated to Mumbai University. It has recently received a funding for a project of 2 years duration to create research facilities for securing critical energy infrastructures.

Applications are invited from passionate, result oriented research scholars to work on a challenging multi-disciplinary problem of securing industrial control systems (ICS) used in energy sector against cyber-attacks. The candidate should have exposure to one or more areas of VAPT/malware analysis/OT security & forensic/ICS & SCADA and Power System background. Preference shall be given to those having prior experience/relevant certification in the above mentioned areas. Educational qualifications & essential credentials for the posts are as below-

Post	SRF	SRF
Domain No	D1	D2
Engineering Discipline	Electrical/Electronics/ Electronics & telecommunication/ Instrumentation	Electrical/Electronics
Desired Credential	Industrial Control Systems (ICS), SCADA, PLC/DCS programming, OT Protocols for the energy sector (mainly IEC/ISA)	Experience in PSSE, Opal-RT, Substation Automation technologies & Protocols IEC 61850, C37.118, C37.94

S.N.	Post	No. of Posts	Consolidated Fellowship per Month in (Rs.)	Essential Qualifications (As per DST norms)
1.	Senior Research Fellow (SRF)	03	Consolidated 53,340/-(42,000/ + 27% HRA)	Post Graduate Degree in Basic Science Or Graduate/post Graduate Degree in Professional Course selected through a process described through any one of the following: a. Scholars who are selected through National Eligibility Tests – CSIR- UGC NET including lectureship (Assistant Professorship) and GATE The selection process through National level examinations conducted by central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. with Two years of research experience

Nature of Assignment: The project offers exposure to state of the art technologies, hardware & software tools and hands-on experience on OT security. The candidate need to work in an interdisciplinary team with ability of critical thinking, logical reasoning and innovative mind-set to address evolving cyber security landscape. The job profile also involves site visits, interaction with funding agency and research partners. The candidate needs to prepare progress reports, white papers, research publications and contribute in achieving deliverables of the project.

Tenure of Assignment: The positions are for 2-year tenure subject to satisfactory annual performance review and availability of funds. The positions are purely temporary and are limited for a project of specific nature with base location at VJTI Mumbai.

How to Apply:

Candidates who fulfill the mentioned criteria and experience etc. may apply by uploading the relevant documents (certificates of educational qualifications, experience, DOB, category etc.) in a single file on the online application form mentioned below on or before the last date i.e. <mark>14/06/2024</mark>. Only short-listed candidates shall be informed through Email, no individual communications shall be entertained.

For SRF	https://docs.google.com/forms/d/e/1FAIpQLSdLn3BUy0f-1sFRrC_h1IzpKmLymC--2xLM5lGekHQbrHnqwA/viewform?usp=sf_link

NOTE:
1. DST DST/PCPM/Z-06/2022 dated 26.06.2023 shall be applicable for sponsored projects for SRF.
2. The performance of the candidates selected against all the above-mentioned positions will be reviewed at regular intervals (3/6 months etc.) and based on the performance as per the project mandate, further extension (if applicable) will be provided from time to time.
3. In case a large number of candidates apply for the position, Selection/Screening Committee will have discretion to shortlist the candidates for interview based on written exam or percentage of marks or desirable qualification/experience or higher qualification or any other criteria deemed fit.
4. Only shortlisted candidates shall be informed through email about the next stage of selection.
5. The selected candidates are expected to join within fifteen days from the date of receiving offer of appointment, after completion of pre-appointment formalities like document verification etc.
6. VJTI reserves the right to cancel or withdraw the award in case of any discrepancy found, in the candidature of any selected candidate at any stage.
7. VJTI reserves the right not to fill up a particular position if it so desires. The number of vacancies indicated above may vary at the time of actual selection.
8. No TA/DA will be paid to the candidates for attending the interview.
9. The engagement as a SRF/JRF under this Scheme is purely on temporary basis. The SRF/JRF shall have no claim for further extension, absorption or regularization in VJTI after the expiry/termination of the Fellowship. The engagement can be terminated by either side by giving one month's notice OR stipend in lieu thereof without assigning any reasons. It is not a VJTI appointment and will not confer any right on the incumbent to any claim implicit or explicit on any position.
10. All the above positions in VJTI are purely temporary contractual engagement co-terminus with the projects. The number of vacancies indicated above may increase/decrease.
11. The exact date and time for holding physical/virtual interviews of the shortlisted candidates will be intimated on our website/intimated through e-mail in due course.
12. The original copy of all certificates and mark sheets should be brought at the time of interview
13. There are no on-campus accommodation facilities for JRF/SRF
14. Candidate appearing for their final year exam need to provide provisional certificate at the time of interview