



SOCIETY FOR ELECTRONIC TRANSACTIONS AND SECURITY [SETS]

CIT Campus, MGR Knowledge City, Taramani, Chennai – 600 113, India.

Advertisement No. SETS/Chn/Rec/Proj/2023-24/16 Date : 3rd November 2023

Society for Electronic Transactions and Security [SETS] is a Society under Societies Registration Act, XXI of 1860, dedicated to carry-out Research and Development in the field of Information Security focusing on the key verticals, namely, Cryptology and Computing, Hardware Security, Quantum Security and Network Security.

SETS invites applications from citizens of India for filling up the following positions for a Research & Development project in the area of Cybersecurity.:

- 1. Project Associate - 2 Positions (Hardware)**
- 2. Project Associate – 1 Position (Software)**

The descriptions of positions, detailed qualification requirements and salary are given below:

1. Project Associate (Hardware)

Name of the Post	Project Associate (Hardware)
Number of Posts	TWO
Age Limit	Not more than 35 years as on 03.11.2023
Qualification	First Class M.Tech /M.E / MS by Research (Embedded Systems/Communication Systems/VLSI Design/ Electronic Engineering / Computer Science/Cyber security/Network Security/Information Security)
Desirable Qualification	PhD in Embedded Systems/Electronics / Communication Engineering /Computer Science/ Cyber security/Network Security/InformationSecurity /IoT
Areas of Skill sets/ Knowledge required	<ul style="list-style-type: none"> a) Knowledge in wireless protocols, TCP/IP stack and network security b) Knowledge in RF and Microwave Measurements, wireless communication and protocol analysis, EMI/EMC c) Knowledge of Microwave, Basic microwave theory, Smith chart applications to RF <p style="text-align: center;">(or)</p> <ul style="list-style-type: none"> a) Hands-on experience in Xilinx Vivado tools, simulation using MATLAB / ModelSim and FPGA realization using VHDL/Verilog programming. b) Knowledge in Digital Electronics c) Knowledge in Cryptography / Hardware Security/ Side Channel Analysis
Experience	0 to 2 Years of Relevant Experience Equivalent work experience in lieu of higher degree: - Engineering Doctorates: Four years
Remuneration	Consolidated salary would be Rs.40,000-50,000/- per month, additional increment may be given based on the skill sets and relevant experience of candidate. (based on performance of the first year 5-8% increment may be considered)

Name of the Post	Project Associate (Software)
Number of Posts	ONE
Age Limit	Not more than 35 years as on 03.11.2023
Qualification	First Class B.E / B.Tech ECE/EEE/E&I/CSE/IT/ICT
Desirable Qualification	First Class M.Tech /M.E / MS by Research (Embedded Systems/Communication Systems/VLSI Design/ Electronic Engineering / Computer Science/Cyber security/Network Security/Information Security)
Areas of Skill sets/ Knowledge required	<ul style="list-style-type: none"> a) Linux, Windows Operating Systems and kernel programming b) Programming & Scripting Language Experience in C, C++ and Python c) Knowledge of assembly language (x86) d) Hands-on Experience in Software Emulation and Debugging tools e) Hands-on experience in Web application testing and OS hardening
Experience	0 to 2 Years of Relevant Experience Equivalent work experience in lieu of higher degree: - Engineering Masters: Two years
Remuneration	Consolidated salary would be Rs.30,000-40,000/- per month, additional increment may be given based on the skill sets and relevant experience of candidate. (based on performance of the first year 5-8% increment may be considered)

The positions of Project Associates as proposed is purely temporary and would be filled on a contract basis with a consolidated salary underproject mode. The duration of the assignment is initially for a period of One Year and would be extended further based on the need of the project and performance. There is no scope of continuation/regularization/absorption under any circumstances.

Application Procedure:

- 1. Only applications received via Google Form will be considered. The Candidate should choose the appropriate post to apply (“Project Associate (Software)/ Project Associate (Hardware)”). Please find below the link for the Google form:**

Name of the Post	Google Form Link
1. Project Associate (Hardware)	https://forms.gle/sfXAr9ZbZeAb7HMt6
2. Project Associate (Software)	https://forms.gle/cCXt54m4StSEc8D78

- 2. The candidate is requested to attach the following documents:-**
 - Scanned copy of Personal Particulars form (pdf format) duly filled and signed. The Personal Particulars form is available at SETS homepage <https://setsindia.in/careers>.
 - Scanned copies of academic certificates (Single PDF document)
 - Scanned copies of Experience certificates (Single PDF document)
- 3. The last date for uploading applications via Google Form is 20.11.2023.**
- 4. Shortlisted candidates would be required to attend a Written Test and/or Interview at SETS,Chennai. The date and time for this would be intimated to shortlisted candidates by E-mail.**

Terms and Conditions:

1. The shortlisted candidates would be required to bring all their original testimonials for verification on the interview day.
 2. No TA/DA will be given to candidates appearing for interview.
 3. The prescribed qualifications are minimum and mere possession of the same does not entitle the candidate to be called for the written test or interview. The decision of the Executive Director of SETS in all matters relating to eligibility, acceptance or rejection of the applications, cancellation of advertisement and filling up or not filling up of post will be final and no inquiry or correspondence will be entertained in this matter.
- ❖ In case of any queries/issues related to uploading the form may please be intimated via email id: hrd2023-03-proj@setsindia.net

Executive Director