



SOCIETY FOR ELECTRONIC TRANSACTIONS AND SECURITY [SETS]
CIT Campus, MGR Knowledge City, Taramani, Chennai – 600 113, India.

Advertisement No. SETS/Chn/Rec/Proj/2022-23/06 Date : 27th May 2022

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. Cyber Security Expert (Consultant Mode) - 1 Position**
- 2. Project Scientist (Consultant Mode) - 1 Position**
- 3. Project Associate - 1 Position (Hardware)**
- 4. Project Associate - 2 Positions (Software)**

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

- 1. Cyber Security Expert (Consultant Mode)**

Name of the Post	Cyber Security Expert (Consultant Mode)
Number of Posts	One
Age Limit	Not more than 35 years as on 13.06.2022
Qualification	First Class M.Tech /M.E / MS by Research (Computer Science / Electronics and Communication/Electrical and Engineering/ Information Technology/Information Security/Cyber security)
Desirable Qualification	PhD in Computer Science / Electronics and Communication/Electrical and Engineering/ Information Technology/Information Security/Cyber security
Areas of skill sets/ Knowledge required	a) R&D of Cybersecurity solutions b) Expertise in the areas of Certifying Authority (CA), Cryptology and Blockchain c) Programming Experience in C, C++, Java, Go and Python d) Knowledge of Open SSL, Blockchain Technologies, Hyperledger Fabric/Sawtooth
Experience	5 Years of experience in R&D Projects in the area of Cyber Security, PKI, Cryptology, Blockchain and Network Security Equivalent work experience in lieu of higher degree: - Engineering Doctorates: Three years
Consolidated salary	Consolidated salary of Rs. 80,000 per month

2. Project Scientist (Consultant Mode)

Name of the Post	Project Scientist (Consultant Mode)
Number of Posts	One
Age Limit	Not more than 35 years as on 13.06.2022
Qualification	First Class M.Tech /M.E (Computer Science/ Information Security/Cyber Security/Network Security/ Embedded Systems/ Communication Engineering)
Desirable Qualification	PhD in Embedded Systems/Electronics / Communication Engineering / Computer Science/ Cyber security/Network Security/Information Security /IoT
Areas of Skill sets/ Knowledge required	<ul style="list-style-type: none"> a) Knowledge of Linux, Windows Operating Systems b) Programming Experience in C/C++ and Python c) Knowledge of assembly language (x86) d) Knowledge of Firmware development and testing e) Hands-on Experience in Hardware Emulation tools f) Hands-on experience in Networking tools and Hardware debugging tools with JTAG/UART
Experience	<p>5 Years of R&D Experience in Cyber Security in the area of VLSI/ Embedded Systems/IoT/Wireless Technology/ Firmware</p> <p>Equivalent work experience in lieu of higher degree: - Engineering Doctorates: Three years</p>
Remuneration	Consolidated salary of Rs.80,000 per month

3. Project Associate (Hardware)

Name of the Post	Project Associate (Hardware)
Number of Posts	One
Age Limit	Not more than 35 years as on 13.06.2022
Qualification	First Class B.E / B.Tech ECE/EEE/E&I/CSE/IT/ICT
Desirable Qualification	First Class M.Tech /M.E (Computer Science/ Information Security/Cyber Security/Network Security/ Embedded Systems/ Communication Engineering)
Areas of Skill sets/ Knowledge required	<ul style="list-style-type: none"> a) Hands-on Experience in Linux, Windows Operating Systems b) Knowledge of assembly language (x86) c) Programming & Scripting Language Experience in C,C++ and Python d) Knowledge of Cryptography
Experience	<p>2 to 4 Years of R&D Experience in Cyber Security in the area of VLSI/ Embedded Systems/IoT/Wireless Technology/ Firmware</p> <p>Equivalent work experience in lieu of higher degree: - Engineering Post-Graduates: Two years</p>
Remuneration	Consolidated salary would be in the range of Rs.40,000 – Rs.50,000 per month commensurate with qualification, skill sets and relevant experience of candidate.

4. Project Associate (Software)

Name of the Post	Project Associate (Software)
Number of Posts	Two
Age Limit	Not more than 35 years as on 13.06.2022
Qualification	First Class B.E / B.Tech CSE/IT/ICT /ECE/EEE/E&I
Desirable Qualification	First Class M.Tech /M.E / MS by Research (Computer Science/ Information Technology/Information Security/Cyber security/Network Security)
Areas of Skill sets/ Knowledge required	a) Programming Experience in C, C++, Java and Python b) Knowledge of Open SSL, Blockchain Technologies, Hyperledger Fabric/Sawtooth c) Knowledge of Cryptography
Experience	2 to 4 Years of Experience in Research & Development in the area of Cyber Security Equivalent work experience in lieu of higher degree: - Engineering Post-Graduates: Two years
Remuneration	Consolidated salary would be in the range of Rs.40,000 - Rs.50,000 per month commensurate with qualification, skill sets and relevant experience of candidate.

The positions of Cyber Security Expert/ Project Scientist (Consultant Mode) & Project Associates as proposed is purely temporary and would be filled on a contract basis with a consolidated salary under project 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 (“**Cyber Security Expert (Consultant Mode)/Project Scientist (Consultant Mode)/Project Associate - (Hardware)/Project Associate - (Software)**”). Please find below the link for the Google form:

Name of the Post	Google Form Link
Cyber Security Expert (Consultant Mode)	https://forms.gle/WCk4mRvvBnMmLDbE7
Project Scientist (Consultant Mode)	https://forms.gle/udEWA5vyUE2eqAM46
Project Associate (Hardware)	https://forms.gle/EAVXaPpMesDF24LE6
Project Associate (Software)	https://forms.gle/FFRfdTLABaJQA7eX9

2. The candidate is requested to attach the following documents:-
 - a) 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>.
 - b) Scanned copies of academic certificates (Single PDF document)
 - c) Scanned copies of Experience certificates (Single PDF document)
3. The last date for uploading applications via Google Form is 13.06.2022.
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 Email.

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: hrd2022-01-proj@setsindia.net

Executive Director