Society for Applied Microwave Electronics Engineering and Research
IIT-B Campus, Hillside Powai, Mumbai 400-076

Advertisement No. 11 /2023
RECRUITMENT FOR CONTRACT POSITIONS

Society for Applied Microwave Electronics Engineering & Research (SAMEER) is a premier RF & Microwave R&D Laboratory under the aegis of the Ministry of Electronics and Information Technology (MeitY), Government of India. It has 5 Centres all over the country and undertakes state of the art design and development projects in advanced/next generation technologies and also providing electromagnetic compliances and consultancy services for the industry. SAMEER provides the right environment for budding engineering and science graduates to gain hands-on experience with latest technology, instrumentation and softwares. It gives opportunity to meet and interact with eminent scientists and academia which is a great starting point to further ones professional and academic goals.

SAMEER is looking for suitable persons at Mumbai / Navi-Mumbai for its various projects on consolidated pay. These are contractual appointments and shall not confer any right for regularization / absorption or continuation of service in SAMEER. Description of Posts and essential requirements for the post are given below.

Please read the General Instructions and Contractual Terms before applying.

APPLICATION LINK CLOSES ON 16th JANUARY 2024:

Official Website: https://sameer.gov.in/recruitments_training

To Apply online: - https://recruit.sameer.gov.in/

Description of Posts:

Post Description	Abbrv.	Positions	Post Description	Abbrv.	Positions
Project Assistant (Electronics/Medical)	PA-EL	20	Senior Research Scientist (Electronics)	SRS-EL	03
Project Assistant (Physics)	PA-PH	02	Senior Research Scientist (Physics)	SRS-PH	02
Project Assistant (Mechanical)	PA-ME	05	Research Scientist (RF & Microwaves)	RS-MW	06
Project Technician (Electronics/Electronic-Mechanic)	PT-EL	15	Research Scientist (Electronics)	RS-EL	26
Project Technician (Electrician)	PT-EE	01	Research Scientist (Physics)	RS-PH	04
Project Technician (Fitter)	PT-FT	08	Research Scientist (Safety Electronics/Lab)	RS-SF	01
Project Technician (Machinist)	PT-MC	01	Research Scientist (Computers & IT)	RS-IT	03
Project Technician (Welder)	PT-WL	02	Research Scientist (Mechanical)	RS-ME	03
Project Technician (Electro-plater)	PT-EP	02			

*Please Note: the number of positions are purely indicative which may decrease or increase depending on suitable candidates being selected and approved and as per project requirements.

Qualifications for posts applied & work description:

[A]	SENIOR RESEARCH SCIENTIST	
01	Discipline	Electronics / Electronics & Telecommunications
	Post Code	SRS-EL
	Designation	Senior Research Scientist (SRS)
	Essential Qualification	Bachelor Degree in Engineering or Bachelor Degree in Technology (B.E. or B. Tech.) or Master's Degree in Engineering or Technology (ME or M. Tech) in the field of Electronics & Telecommunications, Electronics, Instrumentation & Controls, Microwaves or Masters in Electronics (M.Sc. Electronics) from a recognized University with minimum 55% marks
	Experience & Job description	Experience: 5 years design and development experience. Candidate is required to have 5 years' experience in few or more of the relevant areas such as digital communications, control systems & instrumentation, analog circuits, digital circuits, signal processing, image processing, working knowledge of hardware programming languages, hands-on experience of technical design software's such as LabVIEW, MATLAB, HFSS, CST etc and high level programming languages
02	Discipline	Physics
	Post Code	SRS-PH
	Designation	Senior Research Scientist (SRS)
	Essential Qualification	Master Degree in Science (MSc) Physics from a recognized university OR B. Tech. (Engineering Physics) from IIT/NIT with minimum 55% marks Desirable: candidates having experience in processing of vacuum tubes. Experience: 5 years design and development experience
	Experience & Job description	Experience: 5 years' design and development experience. Candidate is required to have 5 years research experience in field of Accelerator Physics/ Radiation Physics/ Vacuum systems/ Monte Carlo Simulations/ Medical Physics etc

[B]	RESEARCH SCIENTIST	
03	Discipline	Electronics / EXTC
	Post Code	RS-EL & RS-MW
	Designation	Research Scientist (RS)
	Essential Qualification	Bachelor Degree in Engineering or Bachelor Degree in Technology (B.E. or B. Tech.) or Master's Degree in Engineering or Technology (ME or M. Tech) in the field in Electronics & Telecommunications, Electronics, Instrumentation & Controls, Microwaves or Masters in Electronics (M.Sc. Electronics) from a recognized University with minimum 55% marks
	Job description	Candidate is required to have interest and ability to work in few or more of the following domain areas - Design & Development of Electronics/RF sub-systems, Analysis, Integration and testing of Electronic/RF/Microwave components, embedded processing for FPGA/ ARM based processors, PLC/ FPGA based Control Systems and similar activities, data processing and monitoring systems, high power pulsed systems & EMI/C Test and Measurements activities such as Antennas/RF/System calibration, characterization etc
04	Discipline	Physics
	Post Code	RS-PH
	Designation	Research Scientist (RS)
	Essential Qualification	Master Degree in Science (MSc) Physics from a recognized university OR B.Tech. (Engineering Physics) from IIT/NIT with minimum 55% marks
	Job description	Candidates are expected to take up developmental research in field of Accelerator/ Radiation Physics/ Vacuum systems/ Monte Carlo Simulations/ Medical Physics etc.

05	Discipline	Safety
	Post Code	RS-SF
	Designation	Research Scientist (RS)
	Essential Qualification	Bachelor Degree in Engineering or Bachelor Degree in Technology (B.E. or B. Tech.) or Master's Degree in Engineering or Technology (ME or M.Tech) in Electrical Engineering with minimum 55% Marks along with Degree / PG Diploma in Industrial / Electrical Safety recognized by State/ Central Govt as per the industrial safety rules. <u>Desirable</u>: 1 or 2 years' experience as Safety Officer
	Job description	Implementation of Industrial safety standards and protocols at workplace including electrical, fire, mechanical safety Implementation of safe work practices at work place Implementation of internal safety audit and supporting for documentation for third party audit.
06	Discipline	Information Technology / Computer Science
	Post Code	RS-IT
	Designation	Research Scientist (RS)
	Essential Qualification	Bachelor Degree in Engineering or Bachelor Degree in Technology (B.E. or B. Tech.) or Master's Degree in Engineering or Technology (ME or M.Tech) in Computer Science/Information Technology with minimum 55% Marks
	Job description	Database management, GUI development, LARA, LARAvel, Python, C, C++ and website related work including Drupal
07	Discipline	Mechanical Engineering
	Post Code	RS-ME
	Designation	Research Scientist (RS)
	Essential Qualification	Bachelor Degree in Engineering or Bachelor Degree in Technology (B.E. or B. Tech.) or Master's Degree in Engineering or Technology (ME or M.Tech) in Mechanical Engineering with minimum 55% Marks
	Job description	Development of mechanical jigs, fixtures, alignment etc for workshop related fabrication. Development of precision machining techniques and workshop management. 3D Modelling and Analysis. Participating in integration of sub-systems, systems and supporting in system delivery as per the project requirement. Metrology and development of techniques for measurement.

[C]	PROJECT ASSISTANT A/B/C	
8	Discipline	Electronics
	Post Code	PA-EL
	Designation	Project Assistant
	Essential Qualification	Diploma in Electronics/Medical Electronics from a recognized Technical Board with minimum of 55% marks
	Job description	Electronics/Microwave/Medical electronics component level bread-board / printed circuit design experimentation, monitoring, fault analysis, test bench reports, integration, field evaluation activities, Physical and Visual Inspections and laboratory upkeep and maintenance,
9	Discipline	Physics
	Post Code	PA-PH
	Designation	Project Assistant
	Essential Qualification	B.Sc. (Physics) from a recognized university with minimum of 55% marks
	Job description	Vacuum Tube processing, design experimentation, monitoring, analysis, test bench reports, integration & evaluation activities and maintenance activities, PI and VI activities, maintenance of test equipment etc
10	Discipline	Mechanical
	Post Code	PA-ME
	Designation	Project Assistant
	Essential Qualification	Diploma in Mechanical Engineering from recognised technical board with minimum of 55% marks
	Job description	Engg. Drawing, Prototyping and Fabrication of mechanical designs , inspection of fabricated jobs, inspection reports, monitoring integration and stores for raw materials of mechanical designs / jobs

[E]	PROJECT TECHNICIAN A/B/C	
11	Discipline	Electronics
	Post Code	PT-EL
	Designation	Project Technician
	Essential Qualification	Candidate should have passed ITI (Electronics) from govt. affiliated board of technical/vocational education and completed NCTVT with minimum of 55% marks
	Job description	Electronics/Microwave component level soldering, cabling, harnessing, assembly of modules, Physical and Visual Inspections, laboratory upkeep and maintenance, assisting in field evaluation etc
12	Discipline	Electrical
	Post Code	PT-EE
	Designation	Project Technician
	Essential Qualification	Candidate should have passed ITI (Electrical) from govt. affiliated board of technical/vocational education and completed NCTVT with minimum of 55% marks
	Job description	Electronics/Microwave subsystem processes, operation and maintenance of Hydrogen and Vacuum Furnaces, related electrical equipment such as switch boards, cabling, pumps, coils etc and general upkeep of facility.
13	Discipline	Fitter
	Post Code	PT-FT
	Designation	Project Technician
	Essential Qualification	Candidate should have passed ITI (Fitter) from govt. affiliated board of technical/vocational education and completed NCTVT with minimum of 55% marks
	Job description	Fitting activities including drilling, tapping, cutting and bending, assembly of parts, housing and overall equipment/system. General upkeep of facility.

14	Discipline	Machinist
	Post Code	PT-MC
	Designation	Project Technician
	Essential Qualification	Candidate should have passed ITI (Machinist) from govt. affiliated board of technical/vocational education and completed NCTVT with minimum of 55% marks
	Job description	Machining of precision components on milling machines in tool room type workshops and general upkeep of facility.
15	Discipline	Welder
	Post Code	PT-WL
	Designation	Project Technician
	Essential Qualification	Candidate should have passed ITI (Welder) from govt. affiliated board of technical/vocational education and completed NCTVT with minimum of 55% marks
	Job description	Welding of fabrication assy., mech. components, process fabrication etc and general upkeep of facility.
16	Discipline	Electroplater
	Post Code	PT-EP
	Designation	Project Technician
	Essential Qualification	Candidate should have passed ITI (Electroplater/Chemical) from recognised technical board with minimum of 55% marks
	Job description	Assisting in Electroplating and Surface finishing of jobs using chemical treatment processes, handling of Chemicals, maintenance of facility etc

Important Instructions and Contractual Terms

Consolidated Pay/ Remuneration	: Senior Research Scientist: Rs. 39,200 /- per month (5yrs or more experience) : Research Scientist: Rs. 30,000/- per month : Project Assistant (A): Rs. 17,000/- per month : Project Assistant (B): Rs. 21,500/- per month (3yrs or more experience) : Project Assistant (C): Rs. 27,000/- per month (8yrs or more experience) : Project Technician (A): Rs. 15,100/- per month : Project Technician (B): Rs. 19,100/- per month (3yrs or more experience) : Project Technician (C): Rs. 23,600/- per month (8yrs or more experience)
Upper Age Limit to apply/be eligible for post	: 30 years for Research Scientist : 35 years for Senior Research Scientist : 25 years for Project Assistants (A) and Project Technicians (A) : 35 years for Project Assistants (B) and Project Technicians (B) : 35 years for Project Assistants (C) and Project Technicians (C)
Duration of Contract	: 2-Years Contract OR duration of the project, whichever is less

Screening Test	: Written/Screening tests will be conducted as per requirement for respective posts. : Dates will be announced online at https://sameer.gov.in
Reporting Time	: Details will be announced online on SAMEER webpage
Physical Venue / Online Mode	: Details will be announced online on SAMEER webpage
Last Date for Application	: 16th January 2024
Documents Required (to be brought along at time of written test/interview)	(1) Duly Filled Application Form (available on the SAMEER website). (2) Proof of Date of Birth (3) Passport Size Photograph (4) 10th Standard Mark List (5) 12th Standard Mark List (as applicable) (6) ITI Certificate (for Project Technician Posts) (7) NCTVT Certificate (for Project Technician Posts) (8) Qualifying Exam Passing Certificate (as per post applied) (9) Qualifying Exam Marks for all years (as per post applied) (10) Experience Certificate (duly signed and stamped) Note: ☐ The Application form should not be sent by post. ☐ Candidates should bring one set of photocopy of all documents for submission with application along with originals. ☐ The selected candidates may be posted in any of the project sites in the country as per requirement

1) Age Limit:
Eligibility date for age will be closing date of the receipt of application as on closing date of the advertisement.
As this is a purely contract appointment, no age concession for reserved category, ex-servicemen or others will apply.

2) How to Apply:

   (i) Applications for all POSTS will be accepted ONLINE only.
   (ii) All interested candidates must login to https://recruit.sameer.gov.in till midnight of the CLOSING DATE of the advertisement. Instructions along with deadline for filling the forms are available in the same link. Once candidate fills the online information, s/he can edit it as s/he wants. Finally, the candidate/applicant must CLICK "FINAL SUBMIT" on which a PDF file will be generated. Candidates are required to get a printout of the PDF file and bring it along will all the originals and one set of photo-copies of all the original documents when appearing for the written test and interview.
   (iii) Candidates will NOT be allowed to appear for the written test / interview without print-out of the online submitted form (PDF file) as indicated above.
   (iv) Result of screening test (written examination) will be announced and only those candidates who qualify will be called for interviews on the same date or on date scheduled which will be announced accordingly.
   (v) Candidates should possess the prescribed experience in the one or more of the relevant fields as mentioned under the column "Experience" with documentary proof.
   (vi) The experience gained in Research Scientists/or equivalent posts will only be counted as relevant experience for Sr. Research Scientist. Crucial date for counting experience will be the closing date of applications. The relevant experience possessed before acquiring the essential qualifications will not be counted. Selection will be made purely on merit and mere work experience of SAMEER will be no ground for preference.

3) Selection Procedure:

   (i) Candidates applying for SRS and RS posts who fulfil the prescribed qualifications shall be required to appear for written test(s) for screening of candidates.
   (ii) Candidates applying for Project Assistant and Project Technician posts who fulfil the prescribed qualifications shall be required to appear for written test and/or skill test for screening of candidates.
   (iii) Candidates shortlisted after the screening tests shall require to appear for personal interview. Date, Time and Venue will be announced online subsequently. Kindly follow our webpage link http://sameer.gov.in
   (iv) Candidates who fulfil the prescribed qualifications will be able to download the Identity Card directly via weblink. A printout of the ID is required to be presented for the screening test and interview.
   (v) Final selection will be based on performance in the interview which will be held at the venue (unless instructed otherwise) as mentioned in the admit card.

4) General Note:

   (i) Candidates, who possess the prescribed degree/certificate with minimum 55% or equivalent CGPA awarded by the university / board up to the closing date of application, will only be considered.
   (ii) For the post of Senior Research Scientist, crucial date for counting experience will be the closing date of applications. The relevant experience possessed before acquiring the essential qualifications will not be counted. In such cases, the required experience will be counted only from the date the essential qualifications acquired. Experience must be in field of active research/work and/or development related to the field/domain mentioned.
   (iii) The prescribed essential qualifications/experience is bare minimum and mere possession of the same does not entitle candidates to be called for written test/skill test and/or interview.

5) TA/DA will NOT be paid to candidates for appearing for screening tests and/or interview.

6) SAMEER reserves the right to reject or accept the candidature of any applicant at any stage.

7) SAMEER reserves the right to cancel/restrict/enlarge/modify/alter the recruitment process, if need arises, without issuing any further notice or assigning any reason thereof.

8) Candidates should ensure that they fulfil the eligibility criteria prescribed for the post they have applied. In case it is found out in any stage of the selection process or even after, that the candidate has furnished false or incorrect information or suppressed relevant information/material or does not full fill the criteria, his/ her candidature /service are liable for rejection/termination without notice.

9) Candidates will have to produce all original certificates for verification at the time of interview.

10) Candidates desirous of applying for more than one post must apply separately for each post indicating code no.

11) The appointment is purely on contractual basis and shall not confer any right for regularisation/ absorption or continuation of service in SAMEER.

12) The person selected for contract appointment will not have any claim or right for his/her continuity in service or automatic extension of the term contract.

13) No additional increments will be given in case the candidate has more number of years of experience as prescribed for the post applied.

14) Candidates with M.E./M.Tech will get one-year relaxation in work experience for Senior Research Scientist Posts.

15) Candidates having M.E./M.Tech selected for RS post will be eligible for additional one-time increment after assessment of his/her assigned work.

16) Applications of Candidates who have worked as Research Scientist in any of the SAMEER Centre's for FIVE or more years will NOT be considered to be eligible for the post of Research Scientist.

17) Selected candidate will have liability to serve anywhere in the country.

18) SAMEER does NOT provide accommodation to selected candidates.

19) Canvassing in any form and/or bringing in any influence will be treated as disqualification for the post.

20) No interim queries will be entertained.

21) Only Indian Nationals need to apply.

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