

Circular No: SMR/MPC/Trainee/2021-2022/02

Date: 29<sup>th</sup> June 2021

ME / M. Tech/M.Sc. Project Trainees at SAMEER Mumbai (2021-2022)

Society for Applied Microwave Electronics Engineering & Research (SAMEER) is an autonomous Research & Development Institute under the Administrative control of Ministry of Electronics & Information Technology, Government of India. Its main objective is to promote the growth of Science and Technology in RF/Microwave Electronics, Medical Electronics, Electromagnetics, Opto-Electronics, Millimeter wave Technology and its allied areas. SAMEER has its headquarters at Mumbai, centers at Chennai, Kolkata, Visakhapatnam and Guwahati. SAMEER offers opportunity for project work to final year students of M. E. / M. Tech/ M.Sc. students for the period of one year or six months in limited numbers in the above-mentioned areas.

**Mode of Project Work:** Each selected Trainee will be assigned one scientist as guide in one particular division; who will interact online with the student at least till Dec 2021. The trainee may start working for the allotted project, e.g. required Literature survey, Design Methodology and Simulation work from home, now at the time of joining. We can facilitate their physical presence in SAMEER from January 2022 subject to better situation at that point of time.

**Eligibility:** Pre-final year students with good academic record who are studying for M.Sc. / /M.E. / M. Tech. Degrees.

**Selection:** This year the selection process will be through **ON-LINE interaction and may be telephonic interview**. The candidates need to submit their Statement of Purpose (SoPs) with their area of interest in not more than 500 words. Selection will be done purely on the basis of the academic performance of the student and SoP and their order of preference of research area and/or telephonic interview if required. Selection and Joining procedure both will be On-Line this year

**Stipend/Accommodation:** No stipend or accommodation will be provided to the selected students. However, they will be given permission to travel in SAMEER bus from Vikhroli railway station on central line and subsidized canteen food from Jan 2022 onwards depending upon the situation that time.

**Research Project Areas:**

- 1) RF Circuits Design and Simulations
- 2) Digital Circuits Design
- 3) Antenna Design & Simulation
- 4) Signal Processing of Radars
- 5) Electronics
- 6) C++/LabView Programming
- 7) Image Processing
- 8) Microwave
- 9) Optoelectronics

10) Physics (M.Sc.)

11) Mechanical Design and Simulation

**Statement of Purpose (SoP):** The interested students are requested to prepare their SoP in not more than 500 words in any of the Research Project Area (as given above). The SoP should clearly mention their area of interest, their exposure to the area and their back ground in the field if any, e.g. if they are interested in signal processing hardware or software, they should clearly mention which hardware or software they have handled.

At the end of the SoP order of preference from above Research Project Areas should be given. Minimum three preferences are required.

Please send your Resume, SoP, Summary (Application form attached) along with declaration from Institute forwarding you and your colleagues (if more than one students) application through email (maximum file size: 500 KB) to Email ID: manpower\_trainees@sameer.gov.in (With subject ME/ M. Tech/M.Sc. training 2021 – 22). The application form should be submitted with cc to their guide and HoD since physical forwarding/submission of form is not possible this year on or before the Last date. The application form should not be sent by post.

The email should have following as attachment in pdf format:

(1) Duly Filled Application Form along with declaration form for M. Tech training (Available on the SAMEER website). File name: First name\_College name\_Application Form

(2) Detailed Resume: It should mention M. Tech minor project or / and BE / B. Tech final year project, specifically your own contribution to the project if it was a group project.

File name: First name\_College name\_Resume

(3) College Identity Card. File name: First name\_college name\_ID

(4) SoP. File name: First name\_College name\_SoP

Website: [www.sameer.gov.in](http://www.sameer.gov.in)

**Last Date: 10<sup>th</sup> July 2021**

The candidates are requested to visit our website regularly for any information/announcement related to this matter.

General Conditions to Circular:

- Only Indian Nationals are eligible to apply.
- All qualifications should be recognized by AICTE / appropriate Indian statutory authority.
- No TA will be paid to any candidate for appearing in the interview.
- Maximum duration allowed for the project is 12 months for M.E/M.Tech.
- No application will be entertained from individual candidates
- Decision on the acceptance/rejection of the application will be communicated to the college or first applicant.
- The number of students admitted for projects may vary due to facility constraints. It is the prerogative of SAMEER to accept/reject the application for Project Work.
- On account of the large number of applications normally received for project work, it may not be possible to accommodate all the applicants. Therefore, the students are advised to identify other organizations also as an alternative, in the event of their application not getting through in the selection process.
- In case of selection, trainees will have to make their own arrangement for stay.
- Priority will be given to the wards of SAMEER employees.
- The student(s) shall have no claim whatsoever on the results of the project work. SAMEER retains all intellectual property rights in patents, designs, software, copyright and publications, if any, that may be generated during the course of project work.
- Candidates will be awarded the certificate for having undergone training after he/she submits his/her "project completion report" to the guide/HoD/Manpower Coordinator.
- The application, in the prescribed form, completed in all respects by the applicants and duly approved by the Principal, should be forwarded to Manpower Coordinator, SAMEER