

Society for Applied Microwave Electronics Engineering & Research

Ministry of Electronics & Information Technology

Client's/ Citizen's Charter 2022

1. Introduction:

Society for Applied Microwave Electronics Engineering & Research (SAMEER) is an autonomous R & D institute under Ministry of Electronics and Information Technology (MeitY), Govt. of India. SAMEER was created in 1984 with sole objective of pursuing applied research and development in RF, microwaves and their allied areas. SAMEER under MeitY has grown to be a Premier R & D institute pursuing high end application oriented research in Linear Accelerators, Atmospheric and Radar based instrumentation, High power RF/Microwave, Millimeter Wave technology, Communication, Antennas, Photonics, EMI/EMC etc.

SAMEER has five centres with unique areas of expertise under paradigm of Microwaves and RF. The headquarters and laboratory of SAMEER, Mumbai are located at IIT Bombay campus, Powai, Mumbai. The two older Centres of SAMEER are located at Chennai and Kolkata known as Centre for Electromagnetics and Centre for Millimeter Wave Research respectively. The fourth centre of SAMEER - Electromagnetic Environmental Effects (E3) Laboratory has been set up at Visakhapatnam recently to specifically address test and measurement facilities and acquire expertise in MIL STD EMI/EMC/EMP needed for strategic Departments. SAMEER's fifth Centre-Centre of High Power Microwave Tubes and Components Technology is operational at Indian Institute of Technology Guwahati. This would serve as nerve centre for advanced research activities in the areas of RF, Microwave, Antennas and other associated fields for the entire NE Region. It will also help developing trained manpower in the aforesaid areas which is at present lacking in this region.

2. Vision:

To be a premier R&D Institution of International repute in RF, Microwave , Millimeter wave ,Terahertz & Photonics technology

3. Mission:

To achieve excellence in application-oriented research in the areas of RF/Microwave Electronics, Millimeter wave Technology and Electromagnetics.

4. Objectives:

- a) To contribute to the growth of science and technology of microwave electronics and allied areas through intensive research, design, development, training of manpower and setting up of facilities for national progress.
- b) To encourage and promote the development of microwave electronics in the country in order to achieve self-reliance.
- c) To encourage advancement of microwave electronics through scientific research, development, education and to promote industrial applications and wider utilization of microwave technology and products.
- d) To develop the technology in national interest as a sponsored or grants-in-aid project for developing technology demonstration models and batch production of successful products if required. The projects are taken up
 - (1) that are state-of-the-art technology
 - (2) that serve as import substitution leading to reduction of undesirable foreign dependence
 - (3) for which intensive R&D capability is needed
 - (4) which are needed in small quantity and are not commercially available readily
 - (5) which are in initial stages of development and usage before large scale usage builds up
 - (6) for which the know-how from other R&D units can be taken and extended from their specific applications to broad range of applications
 - (7) which are in the nature of spares of important systems ceased to be available in the market due to multiple reasons including obsolescence.
- e) To co-operate and collaborate with national and international institutions, research laboratories and other professional organizations.
- f) To organize study programmes, lectures, symposia, conferences, exhibitions and similar promotional activities.
- g) To build up library of books, periodicals and papers, films and other video aids.
- h) To undertake, aid and promote publications on RF and microwave electronics and allied subjects.
- i) To set up national facilities, regional centers and other units in selected fields of specialization for carrying out specialized experiments or for dissemination of knowledge.

j) To set up, as appropriate, joint programmes to develop and share knowledge, expertise and experience with educational, research and other professional organizations in India and abroad particularly in the developing countries.

k) To do all such other lawful acts, deeds or things which are cognate to the objectives of the society or conducive to the attainment of all or any of the above objectives.

5. Main Services/transactions:

a) Application oriented Research and Development in areas of

1. Linear Accelerator (LINAC) technology for Medical Application (Cancer therapy)
2. Radar based Atmospheric Instrumentation and sensors
3. High Power RF & MW Transmitters
4. Microwave / RF based Industrial Applications
5. Radar based ranging systems
6. Photonics & Terahertz systems
7. Secured Communication Systems
8. Digital Signal Processing
9. Millimeter Wave sensors and systems
10. Antennas
11. Thermal engineering
12. Electromagnetic Interference & Compatibility (EMI/EMC)
13. Quantum Technology

b) Providing Testing & Calibration services to industry and Govt. organizations

c) Providing Safety and environmental testing services to industry and Govt. organizations

d) Design Consultancy for EMC compliances

e) Thermal Management Services

6. Stakeholders/Clients:

The client's base is broadly categorized as:

- a) Government R&D Organizations
- b) Private Industries
- c) Public sector undertakings
- d) Ministries /Departments of Govt of India
- e) Industry Associations

- f) Consumer Forums /Bodies Associations
- g) Any Other Interested Bodies /parties

Agencies to which the services are provided are listed below:-

(i) Government:

- Ministry of Electronics & IT
- Ministry of Earth Sciences
- Ministry of Coal
- Ministry of Forestry and Environment Science
- Department of Science & Technology
- India Meteorological Department
- Indian Institute of Tropical Metrology
- BARC, Department of Atomic Energy
- Department of Telecommunications
- DRDO

Ordnance Factory, Ministry of Defence

Naval Material Research Laboratory (NMRL), Ambernath, Thane

IGCAR, DAE

Space Physics Laboratory, ISRO

VSSC, ISRO,

PRL Ahmedabad, DRDL Hyderabad

TCIL New Delhi, ASL Hyderabad

NSTL Visakhapatnam

SBC Visakhapatnam

ERTL (W), Andheri

(ii) Hospitals:

- Cancer Institute (WIA), Adyar Chennai
- Indian Institute of Head & Neck Oncology, Rau Indore
- Amravati Cancer Foundation Hospital, Amravati
- Walawalkar Hospital, Dervan Chiplun

(iii) Public Undertakings:

- ONGC
- BHEL
- BEL
- NPCIL
- ECIL

Indian Institute of Geomagnetism

-Food Corporation of India

CMPDI, Coal India Ltd.

HAL

BDL

(iv) Private Sector:

SCOMI-L&T	Caterpillar India Private Ltd, Chennai
Bombardier	Bajaj Electrical Ltd.
Larson & Toubro Ltd	Medha Servo Drives Pvt. Ltd.
Siemens Limited	Capgemini Technology Services India Ltd
Reliance	Bosch Limited
Honeywell	Wipro GE Healthcare
Tata Keltron Ltd., Chennai.	ABB INDIA LTD, Bangalore
Hindustan Lever, Mumbai.	Ashok Leyland Limited, Chennai
M/s. Pla EElectro Appliances Pvt. Ltd., Mumbai	Astra Microwave Products Limited
Johnson & Johnson, Mumbai.	Cummins Technologies India Ltd., Pune.

Rocqware Electronics, Kolkata.	GE Healthcare, Bengaluru
HCLCOMNET, Chennai.	HCL Technologies, Chennai
Tata Electric Co., Mumbai.	Hero Motocorp Ltd., Jaipur
TVS Lucas, Chennai.	Royal Enfield, Chennai
ESSO, Malaysia.	Whirlpool India Ltd
Kirloskar Electric Ltd., Mysore.	Godrej & Boyce Mfg. Co. Ltd
ETS Lindgren India Pvt Ltd	PLA Electronics Pvt Ltd
Avantel Ltd	Paras defence and Space Technologies Ltd
Symtronics Pvt Ltd	Emi solutions India Pvt. Ltd
Elmot Alternators Pvt Ltd	Agni controls Pvt Ltd
Sterling Generators Pvt Ltd	Ideaforge Technology Pvt Ltd
M/s. Alstom Transportation India Pvt Ltd.	M/s. EATON, Pondicherry
M/s. Elcome Integrated System Pvt. Ltd., Mumbai	M/s. Intertek, Mumbai
M/s. APLAB Ltd., Thane	M/s. TATA Consultancy Services, Mumbai
M/s. SKL (India) Pvt. Ltd., Mumbai	M/s. Vertive Energy Pvt. Ltd., Ambarnath, Thane
M/s. Spectron Engineering Pvt. Ltd., Mumbai	

(v) Educational Institutions:

IIT Bombay IIT Delhi IIT Guwahati IIT Kharagpur IIT Madras, IIT Jodhpur, IIT Hyderabad

VIT Vellore, Bharathiar University, Coimbatore, Tripura University Dibrugarh University,

IIST, Andhra University, Visakhapatnam, JNTU, Vizianagaram, KL University, Vijayawada

7. Details of Grievance Redressal Mechanism:

Name of the Public Grievance Officer	Telephone	E-mail
Amol Bhagwat Scientist-F	+91-25727102	amol@sameer.gov.in

Complainants can meet the PGO on every Wednesday between 4:00 pm – 5:00 pm.

Expectations from Complainant

Submission of complete precise and factual grievances on PG Portal

Provide identification preferably by giving their telephone no. / email ID for follow up

Avoid anonymous grievances and submission of Grievance through e-mail.

For Grievance Redressal Process and Timeline please refer <https://pgportal.gov.in/>

8. Centres of SAMEER:

Center	Address	E-Mail	Contact No.
Mumbai	SAMEER, IIT-B Campus, Powai, Mumbai - 400076, Maharashtra, India	director@sameer.gov.in	022-25721333
Chennai	SAMEER, IIT Campus, Taramani, Chennai - 600113, Tamilnadu, India	yvenkatesan.sameer@nic.in	044-22541583
Kolkata	SAMEER, L2 Block GP Sector 5, Salt Lake Electronic Complex, Kolkata - 700091, West Bengal, India	arijit.sameer@nic.in	033-23574875
Visakhapatnam	SAMEER, CE3 Centre for Electromagnetics Environmental Effects, Plot No. 40, APIC Industrial Park, NH-5 Gambheeram Village, Anandapuram Mandal, Visakhapatnam - 531163, Andhra Pradesh, India	bsr.sameer@nic.in	0891-2867600
Guwahati	SAMEER, Centre for High Power Tubes and Components Technology, Technology Complex, IIT Guwahati, Guwahati - 781039, Assam, India	tiwari@sameer.gov.in	0361-2583190

Month and year for next review of the Charter: June 2022.

