

# Society for Applied Microwave Electronics Engineering & Research

SAMEER-Centre for Electromagnetics,  
CIT Campus, Taramani, Chennai -600113

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Circular No: SCEM/EPD/PG students/02

Date: 10<sup>th</sup> September 2018

## **ME / M. Tech Projects in Thermal Management of Electronics Systems**

Society for Applied Microwave Electronics Engineering & Research (SAMEER) is an autonomous Research & Development Institute under Ministry of Electronics & Information Technology, Government of India. The Centre for Electromagnetics, Chennai has been involved in the design, development, consultancy and testing activities in the areas of Electromagnetic Interference and Compatibility(EMI/EMC), Antennas, Communication Systems, DSP and Electronic Packaging.

### **Electronics Packaging Division**

Electronics packaging division has the state of art CFD tool FloTHERM to model, analyse and optimise thermal design at various levels of electronics packaging namely enclosure Level, Rack/ Sub-rack Level , Board Level and Component level. It is further equipped with test and measurement facilities such as Airflow simulation chamber, Infrared thermal Imaging system and thermocouples with Data Logger for temperature, pressure and flow measurement for evaluation of airvents, Heatsinks and Electronic devices.

SAMEER, Chennai offers opportunity to final year students of M. E. / M. Tech/ M.S. by research for the period of one year or six months in limited numbers to do their academic projects in thermal management of electronics.

**Eligibility:** Students pursuing M.E. / M. Tech./M.S by research in thermal stream with good academic record.

The interested students are requested to apply through email to [dhanush.sameer@nic.in](mailto:dhanush.sameer@nic.in) with subject ME / M. Tech students Project.

General terms and conditions:

- a. The application, in the prescribed form, completed in all respects by the applicants and duly approved by the Principal / Head of the Department should be forwarded to [dhanush.sameer@nic.in](mailto:dhanush.sameer@nic.in)
- b. Only Indian Nationals are eligible to apply.
- c. All qualifications should be recognized by AICTE / appropriate Indian statutory authority.
- d. Maximum duration allowed for the project is 12 months for M.E / M.Tech / M.S by research.
- e. Decision on the acceptance/rejection of the application will be communicated to the student.
- f. 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.
- g. In case of selection, students will have to make their own arrangement for travel and accommodation.
- h. 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.
- i. The college ID of the applicant along with copy must be produced for verification.
- j. The students should strictly follow all Security Rules & guidelines while in the campus.
- k. The Project Guide in SAMEER will be the Reporting Officer for the Students, during their Project Work.
- l. The project work should be completed within the stipulated period and no further extension is permitted.