

Department of Mechanical Engineering, Kattankulathur Campus

M.Tech in Thermal Engineering (2 Years)

with specialized elective streams in

- Electronics Cooling
- Gas Dynamics
- Renewable Energy
- Computational Fluid Dynamics

Stipend for M.Tech. Programme: INR.12,400/- per month*

About SRMIST

SRM Institute of Science and Technology (Formerly known as SRM University) is one of the top ranking Institutions and premier engineering destinations in India. It was established in 1985 by the Founder Chancellor, Dr. T. R. Paarivendhar. SRMIST has been categorized as a grade 'A' Institution by the Ministry of Human Resource Development (MHRD), Government of India. SRMIST was accredited by NAAC with an 'A++' Grade in 2018.

About the Department

The Department of Mechanical Engineering is one of the pioneering departments of SRMIST. The department offers B.Tech. in Mechanical Engineering, B.Tech in Mechanical Engineering with specialization in AI&ML (Artificial Intelligence & Machine Learning). The B.Tech Mechanical Engineering program at the Kattankulathur campus is accredited by the Engineering Accreditation Commission (EAC) of ABET (<https://www.abet.org/>) and has also been accredited by the National Board of Accreditation (NBA). The department offers two-year M.Tech programs in Solar Energy, Thermal Engineering, CAD, and Robotics. The Department also offers Doctoral Programme in various fields of Mechanical Engineering with a monthly stipend of INR 25,000/- (for full-time scholars).

About the Program

The M.Tech Thermal Engineering program is offered with specialized streams in Electronics Cooling, Renewable Energy, Gas Dynamics, and Computational Fluid Dynamics. This program has a well-organized curriculum and cutting-edge facilities to satisfy the growing need for human resources in the field of thermal engineering.

Eligibility

Eligibility for this M.Tech Program is a basic degree or equivalent in B.E. / B.Tech. in Mechanical Engineering / Mechanical Engineering with any specialization / Aerospace Engineering / Automobile Engineering / Chemical Engineering / Computing Technologies /

(*for candidates who get through SRMJEE)

Data Science & Business Systems / Electronics & Communication Engineering / Electrical & Electronics Engineering / Electronics & Instrumentation Engineering / Energy Engineering / Food Process Engineering / Instrumentation & Control Engineering / Mechatronics Engineering / Materials and Metallurgy Engineering / Physics and Nano Technology / Renewable Energy / M.Sc. (Physics) / M.Sc. (Material Science) / Any equivalent degree in the above disciplines.

Internship and Placement based on specialization:

Based on the M.Tech. Specialization, students are permitted to undergo industrial internships of (6 to 12 months) at the end of the first year. This will improve the opportunities for higher salary packages in top-notch industries.

Salient Features of M.Tech Thermal Engineering Program

- Collaboration with M/s. Intel corp., USA for Electronic cooling
- Excellent infrastructure with state-of-the-art software and hardware
- Diversified specialization streams
- Well organized curriculum with structured course contents
- Electronic cooling laboratory with state-of-the-art software
- Internship opportunities in MNCs like Intel, L&T, GE and Google
- Potential employment opportunities in the fields of Electronic cooling, energy, fluid flow analysis etc.

DEPARTMENTAL FACILITIES (PROGRAM SPECIFIC INFRASTRUCTURE)



Solar PV Power Plant



Solar Cooking Plant



Water Tunnel



Wind Tunnel



DSC Lab



Engines Lab



CFD Lab



Machines Shop



Heat Transfer Lab

Prospective Organizations for placements



SCAN ME



FOR ADMISSIONS, CONTACT

Director(Admissions), SRM Institute of Science and Technology,
SRM Nagar, Kattankulathur- 603203,
Chengalpattu District, TamilNadu, India.
Phone: +91-44-2745 5510, +91-4447437500.
E-Mail: admissions.india@srmist.edu.in For further details,
refer: <https://www.srmist.edu.in>