SARATH P MOHAN

Aerospace Engineering

Indian Institute of Technology Bombay

Specialization: Propulsion

Male

DOB: 31/05/1990

E-mail: spmaeronautics@gmail.com

**Examination University Institute Year CPI / %**

Post-Graduation IIT IIT Bombay 2013-14 7.85

*(Aerospace Engineering)*

Under-Graduation Aeronautical Society of India GIE 2012 61 %

*(Aeromechanical Stream)*

Intermediate/+2 Kerala Higher Secondary Board Govt: HSS Kilimanoor 2007 85 %

Matriculation Kerala State Board Education Govt: HSS Kallara 2005 93 %

**MAJOR PROJECTS**

M.Tech Project

Experimental and Numerical Analysis of Hub Clearance Flow in Axial Flow Compressor

*(Guide: Prof A M Pradeep)*

B.Tech Project

C F D solution of quasi one dimensional Subsonic Convergent Divergent Nozzle Flow

**COURSE PROJECTS**

Low Pressure Compressor Last Stage Design

Amphibian Aircraft Propeller Design

Preliminary Design for Subsonic Intake of a Civil Aircraft

**SEMINARS**

Propulsion Controlled Vehicle

**REVELANT COURSE WORK**

Aircraft Propulsion, Rocket Propulsion, Computational Fluid Dynamics, Aerodynamics of Compressor and Turbine, Aircraft Structures, Gas Dynamics, CFD and Heat Transfer, Computational Methods in Fluid and Thermal Engineering.

**POSITIONS OF RESPONSIBILITY**

Teaching Assistant (Propulsion Lab)

Demonstration of experiment to PG students and reviewing their reports.

Lab in-charge of Gas Turbine Experiment in conducting.

**SOFTWARE SKILLS**

CAD/CAE Software: CATIA, ANSYS-CFX, Turbo Grid, GD&T training.

Programming Languages: C, Mat lab

Operating System: Windows and Linux

**EXTRA CURRICULAR ACTIVITIES**

Member of Aeronautical Society of India

Active Member of Indian Red Cross Society

Interests: Trekking, Skating, Football, Cricket, Swimming, Reading.