Position: Project Staff Position (Finite Element Developer, Electromagnetics), IISc Bangalore

Job Description: The candidate would be involved in Finite Element programming in electromagnetics domain along with computer simulations using commercial software, simulation verification and validation.

Job Location: Department of Aerospace Engineering, Indian Institute of Science, Bangalore, INDIA

Qualification: B.E/B.Tech/M.E./M.Tech in Electrical/Electronics Engineering/Applied Physics or similar fields. Working knowledge of finite element, electromagnetics principles is required. Additional skills in related areas such as simulation of microwave, optics, electronic materials, antennae, device physics etc. will be an added advantage.

Required Background:

- In-depth knowledge of electromagnetics theory, frequency and time domain simulation techniques and relevant numerical methods.
- Practical knowledge of finite element software and tools including mesh generation.
- Proficiency in CAD and Stress Analysis software, relevant modelling and simulation processes.
- Proficiency in Fortran/Matlab/C/C# programming.

How to Apply: Email your CV with subject line "**Application for Project Staff position (Finite Element Developer, Electromagnetics)**" to droymahapatra@iisc.ac.in. Selected candidates will be called for technical interview.