

INDIAN INSTITUTE OF SCIENCE
BANGALORE 560 012

Invites applications for ASSISTANT PROFESSORS for the Departments under the **Division of Mechanical Sciences** from Indian Citizens having (i) Ph D with first class at the preceding degree in the appropriate branch, (ii) about 3 years postdoctoral experience in the relevant specialization.

Specialisation:

Department of Aerospace Engineering

Composite Structures; Structure control interaction and helicopter dynamics; Computational reacting fluid mechanics; Experimental aerodynamics; Avionic systems for aircraft and spacecraft architectures.

Department of Mechanical Engineering

Mechanical systems; Tribology; Materials and manufacturing; Thermal sciences, Turbomachinery, I. C. engines and acoustics.

Department of Metallurgy

Mineral engineering and hydrometallurgy; Thermodynamics, Transport phenomena and process modelling; Extractive and chemical processing; Corrosion.

Department of Chemical Engineering

Chemical reaction engineering; Transport processes; Environmental engineering, Biochemical engineering; Chemical engineering applications in materials; Process design and control.

Centre for Atmospheric Sciences

Monsoon and climate modelling; Atmospheric boundary layer; Ocean dynamics.

Emoluments: Rs 8690/- p.m. in the minimum of the scale Rs 3700 – 5700.

Applicants may send curriculum vitae, list of publications with reprints/copies, research plans, and names and addresses of 3 referees to The Registrar of this Institute, on or before 31.1.1995.

R(IA)308-21/94

REGISTRAR