



**JAWAHARLAL NEHRU CENTRE FOR ADVANCED
SCIENTIFIC RESEARCH
(A DEEMED UNIVERSITY)**

http://www.jncasr.ac.in
Jakkur Post, BANGALORE 560 064

JNC/AO/R-1227/05/Genl./

11 March 2005

Advertisement for Faculty Fellows

The JNCASR has openings at the level of **Faculty Fellow** in various Units in the following areas:

Unit	Areas
Engineering Mechanics	1. Computational Fluid Dynamics , especially of relevance to biological or geophysical applications or in turbomachinery technology and complex fluids. 2. Control theory , especially with reference to control of continuous systems, in particular those arising in fluid dynamics, aerodynamics or solid mechanics applications. 3. Modern solid mechanics , with special reference to experiments or computer simulations at the molecular level to such problems as fracture, etc.
Chemistry and Physics of Materials	Chemistry of Materials including Biomaterials
Evolutionary and Organismal Biology	Life history evolution, chronobiology and population dynamics. Particularly interested in researchers working on: Intergenomic and intragenomic conflict; neurogenetics; neurobiology, behavioural genetics; reverse genomics; insect physiology; comparative quantitative genetics; sex-ratio evolution.
Molecular Biology and Genetics	Eukaryotic molecular genetics, cell biology, single molecule biology, stem cell biology, systems biology, computational and experimental analysis of biochemical networks and their physical structure and dynamic properties.
Theoretical Sciences	Complement and extend existing strengths in condensed matter theory and statistical mechanics and also strengthen research activity in areas relating to materials science and physical approaches to biological problems.

Although the above Units wish to pursue research in the areas indicated against each, applicants with outstanding records in other areas of research are also encouraged to apply. They will complement, extend and/or strengthen the existing research and teaching activities at the Centre. For any additional information, please contact the Chairperson of the concerned Unit.

Typically, the candidates should have a Ph.D. with a few years of post-doctoral experience and evidence in the form of good publications.

The position of Faculty Fellow is equivalent to that of an Assistant Professor with the scale of pay Rs 12,000–420–18,300 plus allowances as admissible to Central Government pay scales. The total remuneration at the minimum of the scale is Rs 23,520/-.

Applicants should submit (both by regular and electronic mail) a CV, copies of important publications, a statement of research plans, and arrange for three letters of recommendation to be forwarded to :

The Coordinator
(Attn: Faculty Search)
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