

Summer Research Fellowships – 2002

To motivated and talented students in Science, Medicine and Engineering

Sponsored by: Jawaharlal Nehru Centre for Advanced Scientific Research

(In association with DST and Rajiv Gandhi Foundation, New Delhi)

Areas of Research:

Life Sciences: Developmental biology, biochemistry, molecular biology, genetics, ecology, evolutionary biology, immunology, chronobiology, animal behaviour, biomedical research, environmental science.

Chemical Sciences: Solid state chemistry, inorganic and physical chemistry, organic chemistry, theoretical quantum chemistry, computer simulations of materials.

Physical Sciences: Elementary particle and nuclear physics, relativity and cosmology, condensed matter and statistical physics, semiconductor physics, materials physics, astronomy and astrophysics.

Engineering Sciences: Turbulence, stability of fluid flows, two phases flow, thermal science, biochemical engineering, polymer engineering, chemical reactor analysis, transport phenomena, Interfacial phenomena, process metallurgy, physical metallurgy, ceramics, composite materials and topics in electronic/electrical engineering and computer science.

Mathematics

Atmospheric Sciences

Eligibility: Students presently studying in II and III year BSc, BVSc, BE, BTech, MBBS, BPharma, MCA and I year of MSc courses.

Selected students will be given an opportunity to pursue a research project with faculty chosen by the Centre for two months during the April-July 2002 period in the Indian Institute of Science, Bangalore, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore or other institutions in the country. The total number of Fellowships offered will be up to 100.

The 10 best students selected will be named Rajiv Gandhi Science Talent Research fellows.

Travel assistance and a stipend of Rs 3,000/- per month will be provided.

Only selected candidates will be intimated by early March 2002. No other enquiries or correspondence will be entertained.

Mailing address: The Programme Co-ordinator, Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur PO, Bangalore 560 064, India.

Last date for receipt of completed applications 10th December 2001.

Applications can be downloaded from the website <http://www.jncasr.ac.in>.

Email: academic@Jncasr.ac.in; Fax: 080-8462766.