



National Institute of Advanced Studies

Indian Institute of Science Campus, Bangalore 560 012

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Ph.D. PROGRAMME 2007–08

The National Institute of Advanced Studies (NIAS) is one of the most unique institutions in the country, conducting advanced research in multidisciplinary areas that bridge the gap between the natural and engineering sciences, social sciences, humanities and the arts. By regularly bringing together the academic community with administrators and managers from industry and government, leaders in public affairs, and eminent individuals in all walks of life, the Institute also aims to create a new leadership that would effectively contribute to solving some of the complex problems facing modern India.

A limited number of research scholarships are now available in the Institute for bright and committed postgraduate students interested in pursuing independent research across disciplines towards a doctoral degree. NIAS does not have laboratory facilities.

DISCIPLINES OF SPECIALISATION

The specific areas of research in which students may be admitted for the year 2007–2008 are the following:

- History and philosophy of science, (with special focus on biological sciences)
- Philosophy of mathematics
- Indian philosophy, Indian logic
- Sociology/social anthropology
- Education
- Gender studies
- Archaeology, art history, material culture and archaeometallurgy
- Agroecology
- Energy and environmental studies
- Consciousness studies, Indian psychology
- Cardiophysics, applications of chaos theory to cryptography and speaker identification
- National security and strategic studies
- Primate behavioural ecology
- Mathematics number theory
- Economics
- Cognitive science
- Remote sensing applications for archeology

Applicants may consult the NIAS website for information on faculty and their research interests and indicate in their applications in which area they wish to work.

ELIGIBILITY

The scholarships are open to those who have completed/completing a Master/M.Phil. degree in any relevant subject in natural sciences, engineering, mathematics, chemistry, physics, social sciences, humanities and the arts, and with a consistently proven academic record. Some research and/or field experience in the concerned areas may be preferred, but is not essential. Please indicate whether you are NET qualified and/or have JRF support.

FELLOWSHIP

Each scholarship will be initially available for three years. The scholarship amount is fixed at Rs 8000 per month for the first two years and Rs 9000 per month for the third year, with an additional 15% per month as HRA. Book and contingency facilities will also be made available to each research scholar as per the rules of the Institute.

HOW TO APPLY

Applications on plain paper, including a curriculum vitae and a clear statement of purpose detailing the research interests of the candidate and explaining why she/he would like to join NIAS, be sent preferably by an email to Mr E. K. Kutty, Head-Administration, National Institute of Advanced Studies, Indian Institute of Science Campus, Bangalore 560 012, India; admin@nias.iisc.ernet.in on or before **31 May 2007**. Explicit mention must be made of the research areas for which the application is being sent. Please give the email address and also the postal address and contact phone numbers.

SELECTION PROCEDURE

After preliminary screening, selected candidates will be called for a written test and an interview. The dates will be informed later by email.

For additional information, applicants may contact: bvs@nias.iisc.ernet.in; carol@nias.iisc.ernet.in