



ADMISSION TO NIAS DOCTORAL PROGRAMME 2020-21

The National Institute of Advanced Studies (NIAS) is looking for exceptionally motivated students interested in pursuing interdisciplinary research in conflict and security studies, natural and engineering sciences, social sciences, humanities and the arts. Unencumbered by the constraints of traditional disciplinary PhD programmes, NIAS PhD students have a unique opportunity to broaden their intellectual horizons beyond their narrow training during their thesis research in one of the listed areas. NIAS not only values such cross-pollination of ideas but encourages and provides the necessary support to its students to develop interdisciplinary orientation to problem-solving. This interdisciplinary ethos is also reflected in the work of its faculty and research scholars.

NIAS was established by the late J.R.D. Tata to develop and train leaders with a multidisciplinary orientation for problem-solving. The Institute is recognized as a centre for research by Manipal Academy of Higher Education (MAHE) and The University of Trans-disciplinary Health Sciences and Technology (TDU) from which students get their PhD degrees. A limited number of scholarships are available for exceptionally bright and motivated postgraduate students.

If you are a post-graduate or expecting the degree by July 2020, you can also apply to one or more research areas represented by faculty research interests. For the 2020-21 academic year, we invite applications from those interested in the following areas:

- Conflict Studies, Global and Regional Armed Conflicts and Peace Processes
- Socio-political Movements
- Science Diplomacy
- Pakistan (Society, Polity and Security)
- Geopolitical Dimension of Maritime Security, Indian Maritime Strategy
- AI Applications
- Knowledge Based Digital Signal Processing Techniques
- Cyber Security for Modern Strategic Systems
- History, Geography and GIS in Strategic Studies
- Landscape Archaeology: Geospatial Analysis for Cultural Heritage
- Megaliths
- History and Archaeology of South India
- Contemporary Archaeology and Heritage
- Early Temples and Monumental Architecture in India
- Materials and Metals Archaeology and Craft Heritage
- Archaeoastronomy in India
- Consciousness and Health
- Machines, Humans and Minds
- Indigenous Communities, their Health Traditions and Life Narratives
- Music Signal Processing
- Causality Testing & Causal Learning Algorithms
- Philosophy of Science, Epistemology, Philosophy of Physics
- Primate Demography, Life-histories and Behavioural Ecology; Nonhuman Cultures, Performance and Heritage
- Primate Cognition, Behaviour and Ecology, Human Wildlife Conflict, Human Animal Relations
- Behavioral Ecology of Freshwater Fishes
- Energy Policy and Regulation
- Modeling Interconnections between Energy, Environment, and the Economy
- Energy Transitions In Developing Economies
- Life Cycle Cost Analysis of Thermal Power Plants, Solar and Wind Energy
- Global Climate Change Mitigation Policy
- Aquatic Ecosystems and Water Sustainability
- Integrated Water Resources Modelling and Management
- Air Pollution Modeling

- Science and Risk Communication
- Human Reliability Program
- Sociology of Education Policy
- Globalisation and Higher Education
- Vocational and Higher Education
- Education of the Gifted and Mentorship
- Science and Gender

Applicants are advised to visit the NIAS website for more information on faculty and their research interests (www.nias.res.in).

ELIGIBILITY

Admissions to the NIAS PhD Programme are open to those who have completed/ are completing a Master's/M.Phil., degree in any relevant subject in the conflict and security studies, natural sciences, engineering, mathematics, social sciences, humanities or the arts, and with a consistently proven academic record (minimum 55% marks). Some research and/or field experience in the concerned areas will be preferred.

FINANCIAL SUPPORT

A limited number of selected candidates will be eligible to receive NIAS fellowship, which will be available for a period of four years on a yearly renewable basis. The NIAS fellowship amount is currently fixed at Rs.31,000/- per month for the first two years and Rs.35,000/- per month from the third year, with an additional 24% per month as House Rent Allowance. Limited hostel seats are available on campus for women.

SELECTION PROCEDURE

Admission to the NIAS PhD Programme will be based on a common entrance test and two levels of interview. However, the candidates who have qualified the CSIR/ DST INSPIRE/UGC-JRFNET with assured fellowship are exempted from the written examination of the NIAS common entrance test. The candidates must qualify in the two rounds of interview.

The admissions are also open to those candidates who have an employer sponsorship or are self-funded. They must clear the NIAS entrance exam and the two rounds of interview. Under no circumstances will NIAS financially support externally and self-funded candidates.

HOW TO APPLY

Applications are accepted through online only. For further details please visit : <http://www.nias.res.in/content/online-application-doctoral-programme>

Please note that the Institute will accept applications submitted by online only. The deadline for receiving application with all required documents by online is **April 20, 2020**.

Short-listed candidates will be invited for a written test and interviews on 8 and 9 of June 2020.