



## National Institute of Advanced Studies

Indian Institute of Science Campus, Bengaluru 560 012

Tel. 080-2218 5000, Fax: 080-2218 5028

URL: [www.nias.res.in](http://www.nias.res.in)

### 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 Ph.D. programmes, NIAS Ph.D. 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 Ph.D. degrees. A limited number of scholarships are available for exceptionally bright and motivated post-graduate 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 and 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
- Modelling 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 Modelling
- Science and Risk Communication
- Human Reliability Programme
- Sociology of Education Policy
- Globalization 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](http://www.nias.res.in)).

**Eligibility:** Admissions to the NIAS Ph.D. 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 Ph.D. 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 **20 April 2020**.

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

**For additional information, applicants may contact:** [jnsandhya@nias.res.in](mailto:jnsandhya@nias.res.in), [admin@nias.res.in](mailto:admin@nias.res.in)



## DST-Mahamana Centre of Excellence in Climate Change Research



Institute of Environment and Sustainable Development, Banaras Hindu University, Varanasi 221 005  
URL: <http://mceccr.in/>

Applications are invited from highly motivated candidates for various research positions in **DST-Mahamana Centre of Excellence in Climate Change Research** established under the National Mission for Strategic Knowledge on Climate Change (NMSKCC), DST at Banaras Hindu University, Varanasi. The post is temporary and co-terminus with the project. The appointments are initially for six months, but extendable depending upon the performance of the selected candidates. The total emoluments for Research positions are as per DST norms. Meritorious and highly promising candidates joining in **junior research positions** will get an opportunity to register for Ph.D. provided fulfilling necessary eligibility requirements.

### Positions available

JRF (5 posts)	Research Assistant (2 posts)	RA-I (1 post)
@ Rs 31,000 p.m. + 16% HRA (as per DST, Gol norms)	Rs 18,780 p.m. (as per DST, Gol norms)	Rs 47,000 p.m. for 1st year, Rs 49,000 p.m. for 2nd year and Rs 54,000 p.m. for 3rd year onwards + 16% HRA (as per DST, Gol norms)

For more details regarding essential qualifications and desirable qualification/experience, please visit

- [http://bhu.ac.in/tmp\\_posts/](http://bhu.ac.in/tmp_posts/)
- <http://mceccr.in/career.php/>

Applications on plain paper along with complete bio-data and qualification supporting self-attested document should reach to **Prof. R. K. Mall**, Principal Investigator, DST-Mahamana Centre of Excellence in Climate Change Research, IESD, BHU, Varanasi 221 005 through speed post **within 21 days** from the date of advertisement along with a soft copy to [mceccr@gmail.com](mailto:mceccr@gmail.com). No TA/DA will be paid if called for written test/interview.