



ADMISSION TO THE NIAS DOCTORAL PROGRAMME 2021-2022

The National Institute of Advanced Studies (NIAS) was conceived and established in 1988 by the vision and initiative of the late Mr J R D Tata primarily to nurture a broad base of scholars, managers and leaders to address complex and important challenges faced by society through interdisciplinary approaches, as well as to conduct advanced multidisciplinary research in areas of the humanities, social sciences, natural sciences and engineering, as well as in conflict and security studies. The Institute promotes transdisciplinary research and builds synergy within and across disciplines with meaningful interactions. NIAS has thus been recognised as an “Institute of Exceptional Repute” by the NITI Aayog.

NIAS is looking for exceptionally motivated students, interested in pursuing interdisciplinary research in conflict and security studies, natural and engineering sciences, social sciences, humanities or the arts. Unencumbered by the constraints of traditional disciplinary doctoral research, NIAS doctoral students have a unique opportunity to broaden their intellectual horizons, even beyond the limits of the domains listed below. NIAS not only values such cross-pollination of ideas but encourages and strongly supports its students to develop interdisciplinary approaches to problems that span academic disciplines. This interdisciplinary ethos is also reflected in the work of its faculty and research scholars over the years.

The Institute is recognised by the Manipal Academy of Higher Education (MAHE) and the University of Trans-Disciplinary Health Sciences and Technology (TDU), from which students receive their doctoral degrees. A limited number of institutional scholarships are available for exceptionally bright and motivated students.

If you are a postgraduate or expecting your degree by July 2021, you can apply to the Programme. For this academic year, we invite applications in the following areas, but not limited to these fields only. Any other topic related to these broad areas will also be considered.

- History of Indic Mathematics and Computation
- Physics of Complex Systems; Nonlinear Dynamics and its Applications in Mathematical Modelling of Complex Phenomena in Living and Physical Systems
- Digital Image Processing; Geospatial Technology; Remote Sensing Applications; Geographic Information System
- Geospatial Analysis for Cultural Heritage
- Ancient Architecture of the Indian Subcontinent; Indian Temple Architecture; Megalithic Structures; Archaeoastronomy
- Field Archaeology, Tamilnadu Archaeology, Iron Age–Early Historic Archaeology
- Aquatic Ecosystems and Sustainability; Integrated Geospatial Assessment of the Environment
- Energy Policy; Green Energy Transition; Environmental Governance
- Energy Transitions in Developing Economies; Energy Modelling
- Systemic Analysis of Hybrid Renewable Energy Systems in India; Integrated Gasification Combined Cycle (IGCC) Technology and Sustainable Utilisation of Indian Domestic Coal
- Primate Cognition; Behaviour and Ecology; Human-Wildlife Conflict; Human-Animal Relations
- Mathematical and Computational Modelling in Primate Demography and Life-History Studies; Social Network Analysis; More-than-Human Cognition, Culture, Performance and Heritage
- Social Cognition; Collective Intelligence; Science Communication
- Philosophy of Science; Epistemology; Social and Political Philosophy
- Gender, Education and Employment; Vocational and Higher Education; Sociology of Education; Special and Inclusive Education
- Higher Education Policy; Globalisation and Higher Education
- Education for Sustainability; Collective Memory and Social Identity
- Education, Nation and Identity Formation; Social Exclusion and Education; Education Policies; Education, Livelihoods and Sustainable Development Goals

- Development Studies; Rural and Agrarian Change, Rural and Urban Livelihoods; Migration, Urbanisation and Rural-Urban Connections; Food and Nutrition Security, Social Policy
- Technology in Inequality and in the Political Economy of Development; Sociological Variables, Social Mobility and Subaltern Enquiries in Technological Change; Technology Policy in India
- Conflict Studies and India’s Internal Conflicts; Contemporary People’s Movements
- Geopolitics and Security of the Indo-Pacific Region; Maritime Security Governance in the Indian Ocean Region
- Remote Sensing, Geospatial Technologies and Resource Management for National Security; Cyber Security and National Security; Simulation and Modelling in Defence and Strategic Studies
- Internal Politics, Inter-Ethnic Relations, Sectarian and Religious Issues and the Economy of Pakistan

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

ELIGIBILITY

Admissions to the NIAS Doctoral Programme are open to those who have completed / are completing a Master’s / M Phil degree in any relevant subject in conflict and security studies, natural sciences, engineering, mathematics, social sciences, humanities or the arts, and with a consistently proven academic record, including a minimum of 55% marks in the aggregate. 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 a NIAS Fellowship, which will be available for a period of four years on an annually renewable basis. The NIAS Fellowship is currently fixed at INR 31,000 per month for the first two years and INR 35,000 per month from the third year, with an additional 24% per month as House Rent Allowance. *Limited hostel seats are available on the NIAS campus for women.*

SELECTION PROCEDURE

Admission to the NIAS Doctoral Programme will be based on a common online written test and two rounds of interviews. Candidates who have successfully passed the CSIR / DST INSPIRE / UGC NET examination, with an assured **junior research fellowship**, are particularly invited to apply. Such candidates are exempt from the online written examination although they **must pass the two rounds of interviews.**

HOW TO APPLY

Applications will only be accepted online. All application details are provided at: <http://www.nias.res.in/content/online-application-doctoral-programme>

The deadline for receiving online applications, with all required documents, as specified in the above website, is **15 April 2021.**

Candidates who meet all the eligibility criteria mentioned above will alone be permitted to appear for the online written examination. For further Information, please visit the NIAS website: [nias.res.in](http://www.nias.res.in)