National Institute of Advanced Studies (NIAS),
Indian Institute of Science Campus, Bangalore

Call of Applications for (a) Post-Doctoral Associate (01) and (b) Project Associate-II (04)

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. The institute also engages in advanced multidisciplinary research in the areas of natural sciences and engineering humanities, social sciences as well as conflict and security studies. NITI Aayog has recognized NIAS as an "**Institute of Exceptional Repute**". For more details: www.nias.res.in

Project: Develop Natural Resource Utilization Plan for Biodiversity Hotspots
The project aims at understanding the natural resource availability and utilization pattern in biodiversity hotspots in two study regions, namely, the Wester Ghats (Karnataka) and the Eastern Ghats (Odisha), with emphasis on interactions between recent natural resource dynamics and socio-economic factors of resource demand and utilization. Use the above understanding to develop sustainable models for resource utilization in the future. The project will extensively make use of field surveys (ecological and socio-economic), satellite data and integrated geospatial analysis and document its findings.

Applications are invited from eligible candidates for the positions of (A) Post-Doctoral Associate (01) and (B) Project Associate-II (04) to work on a project conducting research on Natural Resource Availability and Utilization Plan for the Western Ghat and Eastern Ghat Biodiversity Hotspots using geospatial technologies and socio-economic and ecological surveys.

(A) Post-Doctoral Associate
o *Job Description*:
The candidate is expected to contribute in the entire spectrum of project activities, including, field survey design and data collection, data analysis, documentation, Interaction with stakeholders and conducting outreach workshops.

o *Duration: Initially for twelve months and extendable by six months, based on performance*.
o *Qualifications:* potential candidates should have a PhD in Social sciences or in related disciplines (preferably in Anthropology/Sociology/Political Science/Environmental Studies/ and Development Studies). The candidate should have good command over Odia language. The candidate should have demonstrated research aptitude and publications in the activities listed above.

(B) Project Associate-II (Socio-economic and natural resource (02), Environment/ Ecology & Geospatial technologies (02)
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o *Job Description*:
  o **Socio-economic and natural resource (02) :** The Project Associates is expected to primarily contribute to socio economic, natural resource utilisation

data collection, compilation, processing, statistical analysis and documentation. PA will be required to travel extensively to the study sites for field data collection.

- o **Environment/ Ecology & Geospatial Technologies (02)**: PA is expected to contribute to ecological and natural resource field data collection, mapping, post-field verification, integration of socio-economic and natural resource data with geospatial technologies, quantitative modelling and documentation of the results.

- o Duration**:** 12 months, extendable to 24 months based on performance and project requirements.

- o *Qualifications***:**
  - o **Socio-economic and natural resource (02):** Postgraduate degree with minimum of two years of post-degree relevant research experience in social sciences/Environmental studies, or related disciplines (preferably in Anthropology, Sociology, Political Science, and Environmental studies. Candidates should possess skills of field data collection and data analysis. The candidates should have good language skills either in Odia or Kannada.
  - o **Environment/ Ecology & Geospatial technologies (02):** Postgraduate degree with minimum of two years of post-degree relevant research experience in Geoinformatics/ Forestry/ Botany/ Environmental studies/ Ecology or equivalent disciplines. Software's skills like ArcGIS, Q-GIS, ERDAS Imagine, Google earth engine & Microsoft office. Candidates must have skills around satellite data analysis, collection and integration of quantitative data.

- o **Compensation:**
  For Post doctoral associate (Rs.58,000 + 27%) HRA per month.
  Project Associates-II (Rs.35,000 + 27%) HRA per month.

All interested & eligible applicants (for both Post-Doctoral Associate and Project Associate positions) must submit:
1. Curriculum vitae
2. Cover letter
3. Copy of degree certificate

Applicants for the post of Post-Doctoral Associate should also provide
1. PDF copies of at least two publications/writing samples
2. Name, address, and email ID of two referees

Please submit your application as a single zipped file with all the aforementioned documents

The last date for receiving applications is 11 pm on 28 February 2025. Short-listed candidates for both Post-Doctoral Associate and Project Associate positions will be required to appear in the (online) interview.

Email your application (zipped file) to: raup2025@nias.res.in