



**Vacancies project-based Post-Doc and JRF under the  
Heritage Science and Studies Programme,  
School of Humanities  
National Institute of Advanced Studies, Bangalore**

The National Institute of Advanced Studies (NIAS), a visionary initiative of J R D Tata, has a mandate to create leaders of substance and credibility in a variety of domains in India, and to carry out in-depth, policy relevant research from a multi-disciplinary perspective, drawing on a wide spectrum of disciplines in the humanities, social sciences, and natural sciences. NIAS provides a congenial atmosphere and institutional support for faculty and scholars to pursue their research and career goals, and expects them to produce significant outcomes in line with the institution's mandate. Please visit our website ([www.nias.res.in](http://www.nias.res.in)) for a comprehensive perspective.

NIAS invites applications for the post of Post-Doctoral Associate and Junior Research Fellow in the **research project on coastal geomorphology and maritime archaeology**. This project has a distinctive inter-disciplinary orientation, and is being funded by Ministry of Earth Sciences (MoES). The successful candidate, after an interview, will be part of a project titled **“Exploring India’s Medieval Coastline using Geospatial Analysis and Historical Records”**, will work with the Principal Investigator towards achieving project deliverables and will be located at National Institute of Advanced Studies, Bangalore - 560012. Appointment will be for the period of 1 year, which can be extended based on performance.

**Educational Qualification and Experience:**

***Post-doctoral Associate:***

The candidate should hold a Ph.D. degree (or at least submitted thesis) from a recognized university/institution in a related discipline [for eg: coastal geomorphology, geoarchaeology, geology, archaeology, maritime/marine archaeology, cartography, architecture, computer vision, remote sensing and GIS]. The candidate should have a sound conceptual grounding in his/her discipline; excellent analytical and writing skills; ability and experience in fieldwork. In addition, following skillsets are desirable: remote sensing image analysis and ground truthing; GPS survey and navigation; geo-spatial analysis. Emoluments: Rs. 36,000/- + 24% HRA per month. This is a rolling call till we fill the positions. The first evaluation will be carried out of the applications received on or before **April 25<sup>th</sup> 2018**.

***Junior Research Fellow:***

PG Degrees in disciplines such as (but not restricted to): coastal geomorphology, geoarchaeology, geology, archaeology, maritime/marine archaeology, cartography, architecture, Civil, Computer, ICT, remote sensing and GIS. The candidate should have a research bent of mind, be prepared to travel and conduct field survey (experience in this regard will be appreciated). Following

additional skillsets would work in favour of the candidate: remote sensing image analysis and ground truthing; GPS survey and navigation; geo-spatial analysis.

For JRF position (Emoluments: Rs. 25,000/- + 24% HRA per month) the candidate should satisfy any one of the following three criteria:

- 1) Post Graduate (PG) Degree in Basic Science with NET or equivalent qualification
- 2) Graduate Degree in Professional Course with NET /GATE or Equivalent Qualification.
- 3) Post Graduate degree in Professional Course

Those who don't satisfy any of the above three criteria can also apply, but will be considered for 'Project Associate' position with salary commensurate with qualification and experience of the applicant.

**Application:**

Applications in the following format should be submitted (as a single pdf document) by email **on or before 25<sup>th</sup> April 2018** and addressed to the Principal Investigator:

Dr.M.B.Rajani

National Institute of Advanced Studies, IISc Campus, Bangalore – 560 012

E-mail: heritage.geospatial@gmail.com

**Format:**

1. Name
2. Date of Birth
3. Address
4. Education (please mention Institution's name, address and year of passing)
  - Bachelors
  - Masters
  - PhD (applicable only to candidates applying for Post-Doc position)
  - Other courses, if any
5. Work Experience (please list each organization, with duration serves and responsibilities handled)
6. Brief statement (not more than 300 words) of interest explaining why you are interested in joining this project **“Exploring India's Medieval Coastline using Geospatial Analysis and Historical Records”** at NIAS
7. Whether trained in following skills (If yes, give details of projects/assignments)
  - Remote sensing image analysis
  - GIS software
  - GPS navigation
8. List of publications
9. Awards, honours and/or any other matter concerning applicant's academic/professional experience.
10. Attach soft copy of 1 peer reviewed publication (applicable only to candidates applying for Post-Doc position)
11. Names, address, email id and mobile number of 3 referees