

5. Project Title: BIRD HAZARD RISK ASSESSMENT STUDY FOR THE PROPOSED INTERNATIONAL AIRPORT, GREAT NICOBAR ISLAND

[PI - Dr. P. Pramod]

5(a). SENIOR PROJECT ASSOCIATE

- **No. of Positions:** ONE (1)
- **Duration:** One year (likely to be extended)
- **Essential Qualifications:** i) Post-Graduate degree (M.Sc.) or its equivalent with a minimum of 55% marks in life sciences or environmental sciences (Zoology/ Wildlife Biology/ Wildlife Science/ Forestry/ Conservation Biology/ Biodiversity Studies/ Ecological Sciences/ Environmental Studies or any other allied disciplines) from a recognized university, AND ii) Four years of post-PG research experience in relevant scientific projects and activities;

OR

Doctoral degree (Ph.D.) in any allied disciplines of life sciences or environmental sciences from a recognized university.

- **Desirable Qualifications:** i) Research experience in studying avian ecology and conservation, with good track record of scientific publications in reputed journals; ii) familiarity with studies on mitigation of bird-hit hazards to aircraft; iii) willingness to reside in remote locations with challenging conditions, and travel extensively by both road and sea between the islands; iv) skill in collection of bird-hit samples and carrying out DNA-based molecular analyses; v) competence in statistical analysis of data and report writing; and vi) proficiency in English and Hindi, and excellent interpersonal skill.
- **Upper Age Limit as on 31-03-2025:** 40 years
- **Monthly Emoluments:** Rs.57,000 + HRA.
- **Description of Work:** Selected person will be expected i) to coordinate project activities and implement the project objectives on the ground in remote areas of Andaman and Nicobar Islands; ii) to help the junior project staff to achieve their project goals; iii) to collate and analyze field data on bird hazards to aircraft in the proposed airport precincts and the surrounding 10 km area, and draft project reports; iv) to interact and work closely with airport authorities and field staff; and v) to assist the Project Investigator in achieving project goals and other institutional activities.

5(b). PROJECT ASSOCIATE-I (Ornithology)

- **No. of Positions:** TWO (2)
- **Duration:** One year (likely to be extended)
- **Essential Qualifications:** i) Post-Graduate degree (M.Sc.) or its equivalent with a minimum of 55% marks in life sciences or environmental sciences (Zoology/ Wildlife Biology/ Wildlife Science/ Forestry/ Conservation Biology/ Biodiversity Studies/ Ecological Sciences/ Environmental Studies or any allied disciplines) from a recognized university.
- **Desirable Qualifications:** i) Keen interest in studying wildlife ecology and conservation

with prior research experience/internship; ii) skill in field identification of birds and mammals; iii) willingness to reside in remote locations with challenging conditions, and travel extensively by both road and sea between the islands; iv) familiarity with basic data analysis and GIS tools; and vi) proficiency in English (speaking, reading, and writing) and Hindi (speaking), and excellent interpersonal skill.

- **Upper Age Limit as on 31-03-2025:** 35 years
- **Monthly Emoluments:** Rs.37,000 + HRA for CSIR-UGC NET (Lectureship)/GATE qualified candidates and Rs. 30,000 + HRA for non-NET/GATE qualified candidates.
- **Description of Work:** Selected persons will be expected i) to conduct intensive field studies on bird hazards to aircraft in remote areas of Andaman and Nicobar Islands; ii) to collect and analyze field data on bird hazards to aircraft in the proposed airport precincts and the surrounding 10 km area and contribute to preparation of project reports; iii) to interact with airport authorities and field staff; and iv) to assist the Project Investigator and senior project staff in achieving project goals and other institutional activities.

5(c). PROJECT ASSOCIATE-I (RS & GIS)

- **No. of Positions:** ONE (1)
- **Duration:** One year (likely to be extended)
- **Essential Qualifications:** i) Post-Graduate degree or its equivalent with a minimum of 55% marks in Remote Sensing/ Geoinformatics/ Photogrammetry & Cartography/ Ecoinformatics/ Geography or any allied disciplines from a recognized university.
- **Desirable Qualifications:** i) Proficiency in use of RS/GIS software and other geospatial tools; ii) experience in extraction and analysis of LULC, NDVI, NDWI, LST, DEM, and other spatial data using high-resolution satellite imagery; iii) familiarity with application of RS/GIS in studies on wildlife ecology and conservation with prior research experience/internship; iv) excellent communication and interpersonal skill.
- **Upper Age Limit as on 31-03-2025:** 35 years
- **Monthly Emoluments:** Rs.37,000 + HRA for CSIR-UGC NET (Lectureship)/GATE qualified candidates and Rs. 30,000 + HRA for non-NET/GATE qualified candidates.
- **Description of Work:** Selected person will be expected i) to work with field staff in collection and analysis of spatial data on bird hazards to aircraft in the proposed airport precincts and the surrounding 10 km area; ii) to execute all the mapping work and spatial analyses, and contribute to preparation of project reports; and iii) to assist the Project Investigator and senior project staff in achieving project goals and other institutional activities.