

GOA UNIVERSITY



School of Earth, Ocean and Atmospheric Sciences

School of Earth, Ocean and Atmospheric Science is engaged in important coastal ocean and atmosphere research activities in the areas relevant to Navy and ISRO respectively. The school is looking for prospective candidates for filling up positions of Research Associates and field assistant in R&D projects funded by Naval Research Board, New Delhi, and ISRO under the guidance of Prof. Harilal B. Menon. The positions are purely temporary and on a project mode for the period 2019-2022. Candidates fulfilling following qualifications and conditions may appear for a walk-in-interview scheduled on 14 October 2019 at 1530 hrs in room CF-20 of School of Earth, Ocean and Atmospheric Sciences. Candidates may appear for the interview with a copy of C.V and all other certificates in original and send a copy of the C.V to the e-mail given below. The upper age limit for Research Associate is 32.

Details of NRB project:

Title: Analysis of optical properties of coastal and estuarine waters and development of algorithm to retrieve chromophoric dissolved organic matter from an optical sensor.

Research Associate : RA-II (1 post) - Rs: 49000 + 16% HRA

Essential Qualifications and Experience.

Ph.D degree completed/thesis submitted for Ph.D degree in Marine Science with specialization in Marine Biology/Biology, and four years research experience in Ocean colour/Optical remote sensing. Candidates must have worked in Coastal optics/optical remote sensing of coastal waters and have field experience in generating bio-optical properties of coastal waters from in-water Radiometer, optical properties from spectrophotometric analysis and processing satellite data. The candidate should have experience in developing ocean colour algorithm and should have publication in peer-reviewed SCI journals published by AGU/Elsevier/Springer.

Skills required: -

Knowledge of programming in MATLAB and Python.

Field assistant: FA (1 post) – Rs: 10000/- (consolidated)

Essential Qualifications:

BSc degree in any science subject and have experience in assisting researchers in generating oceanographic data from the field

Skills required:-

Knowledge of using various software for statistical analysis and to prepare graphs and maps.

Details of ISRO project:

Title of the project: Establishing a net work station at Goa University for atmospheric boundary layer measurements under the NOBLE project of ISRO-GBP-SPL, VSSC, ISRO.

Research Associate : - RA-I (1 post) - Rs. 47,000 + 16% HRA

Essential Qualifications and experience.

Ph.D degree completed/thesis submitted for Ph.D degree in physical sciences/Physical oceanography, and four years research experience in aerosol science (aerosol physics and aerosol chemistry). Candidates must have Ocean going cruise experience and have experience in generating data from instruments such as sunphotometer, aethalometer, quartz crystal microbalance, aerosol sampler and processing satellite data. The candidate should have publication in peer-reviewed SCI Journals published by AGU/Elsevier/Springer.

Skills required:-

Knowledge of programming in MATLAB and Python

Prof. Harilal B. Menon, Principal Investigator, Marine Science, School of Earth, Ocean and Atmospheric Sciences, Goa University, University P.O, Pin: 403206, Goa, India. e-mail: harilalm@gmail.com or hbmenon@unigoa.ac.in