INSTITUTE OF ADVANCED STUDY IN SCIENCE AND TECHNOLOGY
An Autonomous Institute under Department of Science and Technology,
Govt. of India,
Paschim Boragaon, Garchuk, Guwahati-781035

Advt. No: 242 **Date:23/03/2020**

Recruitment

The Institute of Advanced Study in Science and Technology (IASST) is an autonomous R & D institute under the Department of Science and Technology (DST), GOI engaged in multidisciplinary research on basic science and technology development. IASST has a research group focused on understanding the role of various ethnicity factors on human gut microbiome and health. One of the mandates of IASST is to enhance livelihood of the ST/SC communities of the north-east through scientific interventions. DST has sanctioned a proposal for expanding our ongoing activities under **'ST/SC community development programme in IASST'** with 2 components, Component I: 'Heritage food and beverage research' and Component II: 'Lab experience based science education for SC & ST Students'. The project proposes (i) to understand the traditional dietary components of the ethnic communities (ST/SC) on human microbiome and health, (ii) optimization of production process of potential ethnic food for promotion as functional food, (iv) involve ST/SC communities in the production and marketing of such functional food to enhance their income and (v) enhancing scientific temperament in the community. The sanctioned project is initially for 3 years and successful implementation of the project will generate revenues for sustaining and development of a dedicated research programme at IASST in future. IASST aims to engage a highly motivated research team to achieve the goal. Applications are invited from potential candidates for filling up of various positions in the project. Members of the team are expected to be very hard working with keen desire for pursuing science and development of technology. Deserving candidates with requisite qualification and experience may apply online on or before 20 days from the date of publication of this advertisement. Name of the position, qualification, experiences, age limit and emolument are as per DST's guidelines for scientific and technical manpower in R&D programmes of

Central Govt. Departments laid down vide OM no. SR/S9/Z-05/2016, dated 21 August 2019. Age limit is as on the last of application and relaxation as per GOI rules. Mere fulfillment of the essential criteria will not be considered for selection. The posts may not be filled if suitable candidates are not found.

1. **Project Scientist-II (1 no.)**

   Salary: Rs 67000 + 16% HRA per month

   Essential qualification: PhD in any discipline in life sciences from a recognized university and 3 years post-PhD research experience in the relevant field.

   Desirable: (i) Good quality publications and patents with cumulative journal impact factor (Thompson Reuter) above 20 based on first author publications, (ii) PhD and post-doctoral research in human microbiome/food/fermentation/microbial ecology, (iii) Expertise in next generation sequencing (NGS) techniques and data analysis (bioinformatics and statistics) and (iv) Ability to lead a team of researchers.

   Age limit: As per GOI guidelines

2. **Senior Research Associate (4 nos)**

   Salary: Rs 42000 + 16% HRA per month

   Essential qualification: (i) Master's degree in Life Sciences/Organic Chemistry from a recognized university and 4 years research experience in the relevant field or PhD in Life Sciences/Organic Chemistry from a recognized university, (ii) research experience/ PhD in human microbiome/food/fermentation/microbial ecology/herbal medicine/natural product chemistry/analytical.

   Desirable: (i) Good quality publications with cumulative journal impact factor (Thompson Reuter) above 5 based on first author publications, (ii) Expertise in next generation sequencing (NGS) techniques and data analysis (bioinformatics and statistics) and (iii) for 2 positions, candidates from the north-eastern states will be preferred.

   Age limit: As per GOI guidelines.

3. **Laboratory Assistant (4 nos)**

   Salary: Rs 20000 + 16% HRA per month

   Essential qualification: B. Sc. with chemistry/microbiology/botany/zoology

   Desirable: Experience of working in a laboratory

   Age limit: As per GOI guidelines

4. **Field worker (3 nos)**

   Salary: Rs 18000 + 16% HRA per month

   Essential qualification: Graduate in Science

   Desirable: Experience of working in a laboratory

   Age limit: As per GOI guidelines

5. **Project assistant (2 nos)**

   Salary: Rs 12500 (consolidated)

   Essential qualification: Graduate in Science

   Age limit: As per GOI guidelines

How to apply: Interested eligible candidates may apply **online only within twenty days of publication of the advertisement.** Only short listed candidates will be called for the interview. The candidate should bring their original mark-sheets, certificates and other related documents at the time of interview. No TA/DA will be provided to the candidate for appearing the interview.

Note: - Candidates for the posts of 1 &2 should give details of their published peer reviewed journal papers with Thomson Reuters impact factor for each paper and also cumulative. These details need to upload along with other required documents as a single .pdf document in upload section.

Registrar, IASST