Indian Institute of Science
Bangalore 560012
Advertisement R(IA)-1/2020, dated January 01, 2021

The Indian Institute of Science (IISc) invites applications from exceptionally bright and motivated individuals with an established record of high-quality research, and a strong commitment to teaching, for Assistant Professor positions in its various academic departments and centres.

Applications are invited from citizens of India and from individuals who are not citizens of India (with or without the Overseas Citizens of India (OCI) status). We specially encourage women candidates to apply.

This is a rolling advertisement and candidates can apply any time during the calendar year 2021. Applications will be accepted only through the online portal: https://recruitment.iisc.ac.in/frp/

Vacancies: For 2021, a minimum of 60 vacancies are available. Women candidates are strongly encouraged to apply. Candidates from under-represented categories are specially encouraged to apply.

Reservation

As per Government of India (GoI) rules, without any compromise on qualification, experience and competence. Necessary certificates must be enclosed with the application form. The GOI policy on reservation of faculty positions also includes persons with physical disability and those belonging to the Economically Weaker Section (EWS).

Departments

On the application portal, applicants can indicate up to three departments/centres among the ones listed below. Applicants are urged to look up the webpages of the individual departments before exercising their choice of departments.

Biological Sciences: Biochemistry (BC); Centre for Ecological Sciences (CES); Centre for Neuroscience (CNS); Microbiology and Cell Biology (MCB); Molecular Biophysics Unit (MBU); Molecular Reproduction, Development and Genetics (MRDG).

Chemical Sciences: Inorganic and Physical Chemistry (IPC); Materials Research Centre (MRC); Organic Chemistry (OC); Solid State and Structural Chemistry Unit (SSCU).

Physical and Mathematical Sciences: Centre for High Energy Physics (CHEP); Instrumentation and Applied Physics (IAP); Mathematics; Physics.

Electrical, Electronics, and Computer Sciences (EECS): Computer Science and Automation (CSA); Electrical Communication Engineering (ECE); Electrical Engineering (EE); Electronic Systems Engineering (ESE).

Mechanical Sciences: Aerospace Engineering; Centre for Atmospheric and Oceanic Sciences (CAOS); Centre for Earth Sciences; Centre for Product Design and Manufacturing (CPDM); Centre for Sustainable Technologies (CST); Chemical Engineering; Civil Engineering; Materials Engineering; Mechanical Engineering.

Interdisciplinary Research: Centre for Biosystems Science and Engineering (BSSE); Centre for Nano Science and Engineering (CeNSE); Computational and Data Sciences (CDS).

The following interdisciplinary centres do not recruit faculty members directly. An applicant interested in being affiliated with one of these centres must be recruited as a faculty member in one of the departments/centres listed above. Applicants can list one or more of the following centres against their three choices in the application portal, if their research interests align best with those centres. The interdisciplinary centres selected by the applicant will assist in evaluating the application form. If the applicant is selected, they will be assigned as a core faculty member in one of the departments/centres listed above (in consultation with the applicant), and as an associate faculty member in the interdisciplinary centre of their interest.

Interdisciplinary Centres: Centre for Infrastructure, Sustainable Transportation and Urban Planning (CiSTUP); Divecha Centre for Climate Change (DCCC); Interdisciplinary Centre for Energy Research (ICER); Interdisciplinary Centre for Water Research (ICWAR); Robert Bosch Centre for Cyber Physical Systems (RBCCPS).

Further details about the various departments and interdisciplinary centres, faculty profiles, academic programs, and areas of research are available at the respective departmental websites and also at (www.iisc.ac.in).

Qualifications and Experience Required

Ph.D., with First Class or equivalent (in terms of grades, etc.) in the preceding degree, and a good academic record throughout.

A minimum of three years teaching/research/professional experience, excluding the experience gained while pursuing Ph.D. In exceptional cases, candidates with less than requisite experience will also be considered.

Candidates should preferably be below 35 years of age.

Scale of pay: Level 12 with a basic pay of Rs. 1,01,500/-. After the completion of three years of service in Level 12, pay will be fixed in Level 13A1 with a basic pay of Rs. 1,31,400/-.

Total minimum emoluments (including Dearness and Transport Allowances): Rs. 1,51,539 per month with house rent allowance, and Rs. 1,27,129 per month if staying on the campus.

Special Initiatives for New Faculty Members

IISc offers several attractive incentives for professional and personal development of new faculty members. These include:

- To enable the new faculty members to get started with their research as quickly as possible, the required start-up research grants are provided immediately on joining. Start-up grants for basic office and laboratory furniture, and essential computing equipment are routinely provided. Substantial grants are also provided for equipment necessary to sustain a new faculty member's research for a couple of years, during which time the expectation is that the faculty member would raise grants from various funding sources to continue their research. Start-up grants are provided based on a proposal submitted by the new faculty member, and a presentation, if needed, before a committee. The proposal can also include a request for a travel grant of Rs. 2 lakhs for attending national or international conferences during the first year, and support for research staff during the first year.

- Endowed Young Investigator (YI) awards providing a top-up salary of Rs. 25000 per month and a research grant of Rs. 3 Lakhs per year, are available, on a competitive basis, during the first three years. Each such YI award is for two years.

- Well-established mechanisms are available for interaction with the industry, and other professional bodies, for research projects as well as for consultancy. At IISc, certain industry research projects can also have a component of personal remuneration. The Institute facilitates faculty entrepreneurship, as well as, faculty involvement in start-ups.

- Several competitive travel grants are available for faculty members (as well as for students), supported by the Institution of Eminence grants and a grant from the Tata Trusts. These travel grants are for presenting papers in top tier conferences, prestigious workshops, and for collaborative research.

The above are in addition to the standard facilities such as:

- Cumulative Professional Development Allowance (CPDA) of ₹ 3 Lakhs for every block period of 3 years (expected to be increased substantially on implementation of the 7th pay commission norms)

- Accommodation in campus housing

- Reimbursement of travel and relocation expenses of up to ₹ 5,00,000 (if relocating from abroad) or ₹ 1,25,000 (if relocating from within India) subject to the condition that they serve the Institute for a minimum period of two years.

Additional Information

- ✓ We welcome applications from Indian citizens and foreign nationals.
  - • Foreign nationals who are Overseas Citizens of India (OCI) can apply for regular appointments.
  - • Foreign nationals who do not have OCI status may be considered for appointment on a renewable 5-year contract.
- ✓ The Institute reserves the right to screen and call only such candidates for an interview as are found suitable. Thus, just fulfilling the minimum eligibility criteria would not entitle one to be called for interview.
- ✓ Travel expenses for attending the interview from any point within India will be reimbursable as per the Institute norms.
- ✓ The candidate is responsible for the correctness of the information provided in the application. If it is found at a later date that any information given in the application is incorrect or false, the candidature is liable to be cancelled, or the appointment terminated.
- ✓ Candidates are encouraged to contact the chair of their preferred departments or centres for additional information.

How to Apply:

Applicants have to log in to https://recruitment.iisc.ac.in/frp/ to fill the online application form. The following documents are required (in PDF format) to be uploaded along with the application form, as indicated in the portal.

- • Curriculum vitae with a list of all publications
- • Up to 5 selected publications of the applicant
- • A Research Plan. The research plan should also include the laboratory space requirement, and equipment along with the estimated cost (including any cost for laboratory preparation).
- • A Teaching Plan at the undergraduate and post-graduate levels
- • Caste and/or Disability Certificate from the competent authority, as applicable.
- • Any other relevant information the applicant may wish to furnish.

For any further information related to this advertisement, please contact:

The Registrar, Indian Institute of Science Bangalore 560012, INDIA
Fax: +91-80-23600757 Phone: +91-80-23600757/22932444
Email: registrar@iisc.ac.in with a CC to recruitment.council@iisc.ac.in and ar.council@iisc.ac.in

Please click on this link to access the online portal: https://recruitment.iisc.ac.in/frp/