

INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
POWAI, MUMBAI - 400 076

INFORMATION SHEET

Faculty positions at the level of Assistant Professor in Centre for Environmental Science and Engineering has been advertised by the Institute vide advertisement No.I-50/2013-2014. The various requirements and other related information are stated below.

Reservation: Without any compromise on qualification, experience and competence, reservation as per Government of India rules - 15%, 7 ½ % and 27% for SCs, STs and OBCs respectively is applicable at entry level positions of Assistant Professor in Science and Technology departments. Necessary certificates must be enclosed with the application form. GOI policy on reservation of faculty positions also include persons with Physical disability.

This is a rolling advertisement. There is no last date.

QUALIFICATION:

Ph.D. with First class or equivalent (in terms of Grades etc.) at the preceding degree and a good academic record throughout.

EXPERIENCE:

Assistant Professor	A minimum of three years teaching/research/professional experience, Excluding the experience gained while pursuing Ph.D. Candidate should have demonstrated Research capabilities in terms of publications in reputed journals and Conferences.
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PAY BAND:

<p><u>ASSISTANT PROFESSOR</u> PB-3 (Rs.15600-39100) with Academic Grade Pay of Rs.8,000/- p.m. <i>For Direct recruits, minimum pay in the Pay Band to be fixed at Rs.30,000/- p.m.</i></p>	<ol style="list-style-type: none">1. Allowances as admissible to Central Government employees apply.2. A Cumulative Professional Development Allowance of Rs. 3.0 Lakhs in a block of 3 years is admissible to all faculty.
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The candidate is expected to maintain the highest personal standards of character and conduct, to keep abreast of his or her academic discipline through continuing study, research, and participation in the activities. The candidate is expected to develop and implement innovative instructional methods and professional logistics to improvise student performance. The candidates should have exposure of guiding the project work / dissertation of PG / Research Students or supervising R&D projects in industry.

CESE currently has a dedicated group of eleven faculty members with different academic background and research interests. The Centre has wide professional expertise and actively pursues sponsored research, consultancy and technical services. CESE is also very active in manpower development and regularly organizes tailor-made workshops and training programmes.

The new CESE building, currently in construction is planned to be approximately 3235 Square Meter with an anticipated completion date of late 2018.

GENERAL INFORMATION

1. Candidates should have an excellent academic record, good communication skills, a commitment to high quality undergraduate and post-graduate education and demonstrated ability to carry out original and creative research.
2. The Institute encourages interaction of the faculty with industry, other research and professional institutions. Consultancy is encouraged at IIT Bombay and liberal consultancy policies are in practice.
3. Facilities for Research and Development activities exist in all the Departments and Centres. These are being continuously modernized with contemporary equipment and services. Good facilities also exist for computing. The Institute has a well-stocked library with 4 lakhs volumes of books and journals, 2000 current periodicals and other research materials.
4. A technology business incubator hosted by the Institute, called the Society for Innovation and Entrepreneurship (SINE), (<http://www.sineiitb.org>) serves to promote technology based entrepreneurship by faculty.

5. Reimbursement of relocation charges of upto Rs.1.0 Lakhs for faculty from abroad for reimbursement of air fare for self and spouse and cost of transportation of goods. Reimbursement of upto Rs.50,000/- for self and family and transport of goods for faculty joining from within India.
6. Seed grant up to Rs. 10 Lakh is available to new faculty members. This enables an early start to research work until project funding from external agencies can be obtained.
7. The Institute provides a Cumulative Professional Development Allowance (CPDA) of Rs. 3 Lakhs for every block period of 3 years, a minimum of Rs. 2 Lakhs is earmarked for presenting papers at conferences and a maximum Rs. 1 Lakh is available towards membership fee of professional bodies and contingency expenditure. One additional conference in the block period is supported from IRCC/donation funds subject to availability.
8. The posts carry allowance such as D.A., T.A., D.A. on T.A., H.R.A. as per rules of the Institute which at present correspond to those admissible to Central Government employees stationed at Mumbai. Depending upon the qualifications and experience, higher salary may be offered in deserving cases.
9. Candidates called for interview will be re-imbursed air fare by Economy class (By Air India only) from the place of their residence and back by the shortest route.
10. About 90% of the faculty and research staff live on the Campus. The Institute endeavors to provide suitable accommodation to all faculty. However, initially new faculty may have to stay in transit accommodation. Every faculty quarter on campus is provided with intercom and broadband Internet access.
11. Most of the day-to-day facilities are available on the Campus including two banks, a post office, a small shopping center, two schools (up to 12th standard) for children, a well-equipped 65 bed hospital, sports facilities including a swimming pool and vast play-ground for field games. Cultural facilities include film clubs, Classical music societies, debating and drama and a hobbies club. The Staff Club in particular is a center of social and cultural activities.
12. The Institute may consider candidates whose area of specialization lie outside those stated herein, provided these persons have an outstanding record.
13. No correspondence will be entertained from candidates regarding postal delays, conduct & result of interview and reasons for not being called for interview.

<u>Centre for Environmental Science & Engineering</u>	<u>Specializations</u>
Assistant Professor	Air Quality Management – Measurements and Modelling Air Pollution Control Aerosol Science and Engineering Sustainable Development (Policies and Actions), Environmental Law Environmental Management; Cleaner Technologies and Preventive Environmental Management Microbial Ecology, Environmental Microbiology Ecosystem monitoring – structure and function, risk assessment, modelling, response to climate change Environmental Impact Assessment

* Last updated in July, 2013