Advertisement No. IITRPR/FACRECT/68/2016

Indian Institute of Technology Ropar invites applications from qualified candidates for the faculty positions in the specific areas of specializations in the Departments of Chemistry, Computer Science & Engineering, Electrical Engineering, Humanities & Social Sciences, Mathematics, Mechanical Engineering, and Physics. IIT Ropar has been ranked 9th very recently, amongst the engineering institutes of India, by MHRD.

For details regarding educational qualification, experience, areas of specializations, etc. please visit the institute website **http://www.iitrpr.ac.in/jobs/faculty-positions.**

Last date of submission of online applications is May 15, 2016

कुलसचिव / **REGISTRAR**

Advertisement No. IITRPR/FACRECT/68/2016

Indian Institute of Technology Ropar has been ranked 9th very recently amongst the engineering institutes of India by MHRD. The Institute invites applications from qualified and motivated candidates for the following faculty positions in various Department(s). Pay Band (PB) and Academic Grade Pay (AGP) for the posts is as under:

Position	Department(s)	PB	Minimum pay	AGP
Associate Professor	Chemistry Computer Science & Engg. Electrical Engineering Mathematics Mechanical Engineering Physics	PB-4 : Rs 37400-67000/-	Rs 42800/-	Rs 9500/-
Assistant Professor *	Chemistry Humanities & Social Sciences Mathematics Physics	PB-3 : Rs 15600-39100/-	Rs 30000/-	Rs 8000/-

* Candidates with less than 3 year post Ph.D. experience may be considered for Assistant Professor (On Contract) on an attractive pay as approved by the Board of Governors.

* Assistant Professors of IITs having 3 years of experience (rendered in centrally funded technical institutions, AICTE approved institutions, and institutions under UGC) would be considered for upward movement to Pay Band-4, Rs 37400-67000/- with an AGP of Rs 9000/- and will, however, continue to be designated as Assistant Professor.

Reservations: Without any compromise on qualification, experience and competence, reservation as per Government of India rules - 15%, 7½% and 27% for SCs, STs and OBCs, respectively is applicable at entry level of Assistant Professor in Science and Technology departments. GOI policy on reservation of faculty positions also include persons with physical disability. The relevant certificate, in latest format, must be produced at the time of seminar.

Qualified persons include:

(a) Indian Nationals;
(b) Foreign Nationals, who are Persons of Indian Origin (PIO) or Overseas Citizen of India (OCI), in whose case if selected, permission will be sought from the Government of India before he/she can join the institute;
(c) Other Foreign Nationals in whose case if selected, appointment will be made on a contract basis upto 5 years subject to permission from Government of India before he/she can join the institute.

Educational qualification:

Ph. D. with first class or equivalent (in terms of grades etc.) at the preceding degree in the appropriate branch with a very good academic record throughout. The applicants having provisional certificate for Ph.D. degree on the closing date of this advertisement are also eligible to apply.

Experience for the Posts:

- **Associate Professor:** A minimum of 6 years of Teaching / Research / Industrial experience, of which at least 3 years should be at the level of Assistant Professor / Senior Scientific Officer / Senior Design Engineer or equivalent on the date of application. The candidate should have demonstrated leadership in research in a specific area of specialization in terms of guidance of Ph.D. students, strong record of publications in reputed journals and conferences, patents, technology transfer, laboratory / course development, and / or other recognized relevant professional activities.
- **Assistant Professor:** A minimum of 3 years of post Ph.D. teaching / research / industrial experience. Eligible candidates with less experience may be put on Tenure Track positions as Assistant Professor (on contract) which may be regularized subsequently on completion of minimum experience requirement and satisfactory performance in teaching and research during the period of contract appointment at IIT Ropar on the recommendations of an Assessment Committee.

Department(s)	Specialization(s)
Chemistry	Assistant Professor: Spectroscopy, Theoretical Chemistry, Total Organic Synthesis Associate Professor: Synthetic Organic Chemistry
Computer Science & Engineering	Associate Professor: Programming Languages & Compilers, Theory (Formal Methods, etc), Databases/Data mining
Electrical Engineering	Associate Professor: Control, Imaging and Image Processing, Semiconductor Packaging
Humanities & Social Sciences	Assistant Professor: Industrial Psychology, Management, Philosophy
Mathematics	Assistant Professor: Probability and Statistics, Theoretical Computer Science Associate Professor: Algebra, Fluid Dynamics
Mechanical Engineering	Associate Professor: Machine Design, Robotics, Sustainable Manufacturing and Machining
Physics	Assistant Professor: Astrophysics, Theoretical High Energy Physics, Theoretical Condensed Matter Physics Associate Professor: Surface Physics and Nanopatterning, Quantum Optics, Two-dimensional Materials

Candidates possessing the requisite qualification & experience should apply online by clicking the URL http://www.iitrpr.ac.in/recruitments

Know about IIT Ropar

Indian Institute of Technology Ropar, an Institute of national importance, is one of the eight IITs set up by the Government of India, Ministry of Human Resource Development (MHRD), in 2008. It is located just about 40km from Chandigarh, the dream city. Presently, it is operating from its transit campus and will be shifting to its permanent location (about 4 km away) in the summer of 2017. The new campus is surrounded by rivers and agricultural fields. It is spread over 500 acres of land and has been bestowed the 5Star campus award in architecture.

IIT Ropar provides an exciting academic environment of premier educational and research institutes such as PGI(Chandigarh), IISER(Mohali), IMTECH, CSIO, SCL, NIPER, Panjab University in its vicinity. Within its short span of existence, IIT Ropar has emerged as the leader in quality of research publications (*highest number of citations per publication*) amongst the new eight IITs. It has been ranked 9th, amongst the engineering institutes of India, by MHRD. Historically, Ropar city is a part of Indus valley civilization and provides a unique experience of quality of life with ever supporting nature of people of Punjab.

Who would not like to be a part of rich culture of Punjab and contribute to its success story when liberal pay and perks are on offer!

GENERAL INFORMATION:

- **The last date of submission of online applications is 15.05.2016. Applications by e-mail or hard copy will not be considered. Copy of any certificate should not be appended with the application.**
- Mere fulfillment of the above mentioned qualifications & experience does not entitle a candidate to be called for interview.
- The Institute reserves the right to consider and to fill or not to fill positions in any of the above specialization(s) / Department(s).
- The candidate should fill separate applications if he/she is interested in applying to more than one department.
- Recruitment would be based on the need in a given area within the department.

OTHER SUPPORTS FOR PROFESSIONAL ADVANCEMENT OF FACULTY:

- **Medical Coverage:** Members of the faculty and their dependent family members, may use facilities and services available in its on-campus dispensary. In case the dispensary is not in a position to provide necessary medical care, patients are referred to other dispensaries and empanelled hospitals in around Ropar / Chandigarh / Mohali. The expenses incurred on such treatment are reimbursed as per CGHS rates.
- **Leave Travel Concession:** As with other Government employees, members of the faculty are entitled to "Leave Travel Concession", wherein the institute underwrites the travel expense to one's Home Town every year for the first eight years of service as per Govt. of India LTC rules. This travel support is provided to all dependent family members as well.
- **Relocation Expenses**: The Institute will reimburse expenses incurred by a faculty to travel to join IIT Ropar by shortest route. Expenses incurred on travel by him (her), his(her) family and for transportation of household goods shall be restricted to Rs. 1,00,000/- for the faculty joining from abroad and Rs. 50,000/- for the faculty joining from within India as the case may be. The mode of travel/transportation etc. is however subject to Government of India guidelines.
- Depending upon the qualification and experience, a higher start / salary may be offered in deserving cases.
- Reimbursement of telephone bills ranging from Rs. 800/- to Rs. 1800/- p.m. as per institute rules.
- A Cumulative Professional Development Allowance (CPDA) of Rs. 3.00 lakh for every block period of 3 years (Rupees one lakh per year) is made available to every year member

of the faculty on reimbursable basis to meet the expenses for participation in national and international conferences, payment of membership fee of professional bodies and contingent expenses.

- No limit on attending the International Conferences without Institute financial assistance.
- **Accommodation:** On arrival, the faculty may stay in Guest House upto a month on concessional rates and allotment of single bed room quarter on spot allotment basis subject to availability.
- The Institute encourages interaction of the faculty with industry, other research and professional institutions. Consultancy is encouraged at IIT Ropar and liberal consultancy policies are in practice.
- Professional visits can be undertaken during vacation period for carrying out scientific research work.
- Facilities for Research and Development activities exist in all the Departments. These are being continuously modernized with contemporary equipment and services. Good central facilities also exist for computing and research. The Institute has a well stocked library.
- Most of the day-to-day facilities are available on the Campus including banks, post office, crèche for children, well equipped dispensary, sports facilities, cafeteria etc.

ADDITIONAL INFORMATION:

- Permanent faculty positions are open to Indian Nationals, Persons of Indian Origin (PIO) and Overseas Citizens of India (OCI). Appointment of foreign nationals for fixed period not exceeding 5 years on contract basis is permissible.
- Political and security clearance from Ministries of External Affairs and Home Affairs is necessary in every case for individuals with foreign passports.
- Candidates serving in Government or Quasi-Government or Government-aided Institutions including Universities, are requested to send their applications through proper channel or produce a No Objection Certificate from their employer. Online application should also be filled.
- The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement and other academic achievements.
- The Institute reserves the right to screen and call only such candidates as are found prima-facie suitable for being considered by the Selection Committee. Thus, just fulfilling the prescribed conditions would not entitle one to be called for interview.
- No correspondence whatsoever will be entertained from candidates regarding reason for not being called for interview / outcome of interview.
- The Institute may consider candidates whose area of specialization lie outside those stated herein, provided these persons have an outstanding record.
- 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 / false the candidature / appointment is liable to be cancelled / terminated.
- The candidates may get in touch with the Head of the relevant Department / Centre for additional information.

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