

INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI
TIRUPATI – 517 506
Advertisement No. IITT/FAC – RMT-03/2018 dated 5th December 2018

IIT Tirupati an Institute of national importance declared as such under the Institute of Technology Act, 1961, invites applications from the candidates with an established record of independent high quality research and commitment to teaching for **faculty positions** at the levels of:

1. PROFESSOR

Basic Pay: Rs. 159100/- (Academic Pay Level 14A Cell 1 of the Pay Matrix of 7th Pay Commission)

2. ASSOCIATE PROFESSOR

Basic Pay: Rs.139600/- (Academic Pay Level 13A2 and Cell 1 of the Pay Matrix of 7th Pay Commission)

3. ASSISTANT PROFESSOR GRADE – I

Basic Pay: Rs.101500/- (Academic Pay Level 12 and Cell 1 of the Pay matrix of 7th Pay Commission)

In all cases, allowances as applicable to Central Government employees located in Tirupati will be paid.

The positions are in the following:

<i>Area</i>	<i>Specialisation</i>
Chemistry	All areas except Theoretical Chemistry
Chemical Engineering	Transport Phenomena, Chemical Reaction Engineering, Thermo- Dynamics, Food Technology
Computer Science & Engineering	Computer architecture, Data Science, Cybersecurity, Cloud and distributed systems
Electrical Engineering	Signal processing, power electronics, nano- electronics
Mathematics	Algebra, Probability & Statistics
Mechanical Engineering	Manufacturing, Solid Mechanics & Design, Robotics, Industrial Engineering

A. QUALIFICATION (Minimum)

Ph.D., with first class or equivalent at the preceding degree in the appropriate branch with consistently very good academic record throughout.

B. EXPERIENCE

Eligibility & experience will be reckoned as on last date for receipt of applications.

B.1. PROFESSOR:

B.1.1 At least 10 years industrial / research / teaching experience of which at least 4 years should be at the level of Associate Professor in IITs, IISc Bangalore, IIMs, NITIE Mumbai and

IISERs or at an equivalent level in any such other Indian or foreign institution / institutions of comparable standards

B.2 ASSOCIATE PROFESSOR:

B.2.1 At least 6 years industrial / research / teaching experience of which at least three years should be at the level of Assistant Professor / Senior Scientific Officer / Senior Design Engineer in the Grade Pay of Rs.8000/- (PR) and above. It is desirable that the candidate has supervised atleast one Ph.D., and demonstrated ability to carry out quality research and teaching.

B.3 ASSISTANT PROFESSOR (GRADE – I & GRADE – II)

B.3.1 At least 3 years industrial / research / teaching experience excluding, however, the experience gained while pursuing Ph.D. Candidate should have **good publication and teaching potential.**

B.3.2 **Candidates not eligible for direct recruitment as Assistant Professor Grade-I such as those with lesser experience may be appointed as Assistant Professor Grade-II (Contractual basis) if selected.** The candidates should have completed PhD. thesis defence/Viva voce and obtained provisional certificate before the application deadline date. At the entry level they may be placed in Academic Pay Level 10 at Cell 8 (Rs. 70900/-) or Academic Pay Level 11 at Cell 3 (Rs.73100/-) depending upon the experience after PhD. After completion of one year service in the Academic Pay Level 10 shall move to Academic Pay Level 11 and after three years to Academic Pay Level 12 as Assistant Professor Grade-I after performance evaluation by an appropriate committee with one year probation. Similarly the Assistant Professor Grade-II appointed at Academic Pay Level 11 shall move to Academic Pay Level 12 (Rs.101500/-) as Assistant Professor Grade-I after two years of service after performance evaluation by an appropriate committee with one year probation.

B.3.3 On completion of 3 years service as Assistant Professor Grade-I in Academic Pay Level 12 and Cell 1 (Rs.101500/-) shall move to Academic Pay Level 13A1 Cell 1 of the Pay Matrix (Rs.131400/-) as per the rules of the Institute.

C. AGE

C.1 Candidates for Assistant Professor should be preferably below 38 years of age and for Associate Professors should be preferably below 45 years. The age will be reckoned as on the closing date of the online application.

D. APPLICATION FORM AND INSTRUCTIONS

D.1 Applications are to be submitted online on or before **January 13, 2019** at <http://facapp.iitp.ac.in> ; fillable forms and instructions can be found at the same site.

E INSTRUCTIONS FOR COMPLETING THE APPLICATION FORM

E.1 One application form for each post to be sent if applying for more than one. A single application form is sufficient for applying to multiple departments duly indicating the departments in the form in the appropriate columns. Enclosures are to be uploaded along with the application form, as separate documents (pdf preferred). The application form / data sheet is a summary sheet mainly for data collection for statutory and statistical purposes and all details should be in attached Academic Profile as detailed below.

E.2 Upload a detailed Academic Profile including the following information.

E.2.1 Academic qualification and experience.

E.2.2 A Teaching Plan, indicating core courses from the IIT Tirupati curriculum (available at the IIT Tirupati website) that the candidate can teach and also an expanded statement of his objectives and long term interests in coursework development. For those with prior teaching experience, the statement should contain student feedback ratings, profiles of 3 best courses taught by the candidate in the last five years (profile should contain course outline / teaching plan, novel methods used, if any, including online content, term papers, group activity etc.,) The statement should also include details of any teaching related awards and details of participation in teacher development programs as participant or as mentor.

E.2.3 A Research plan highlighting current and past research interests and achievements as also future plans in the short and long terms. As part of the research plan statement, candidates are expected to submit copies of 3 best papers authored in the last 5 years, highlighting (a) why the work is important (context) and (b) if joint work with others, what is his/her contribution. Also to be highlighted are achievements of research scholars guided, especially where one can take pride in the work done or the role played in guiding.

E.2.4 Details of publications / conference papers presented, listing chronologically Names of authors, title of the paper, name of the journal/conference, volume/ proceedings, pages (from – to), year, etc. Group the above as Journal Publications and papers presented at National / International Conferences. For each paper, include citation count and Journal Impact factors as available.

E.2.5 Awards, Patents, Prizes etc., indicating:

- ❖ Nature, name of prize/award, awarded by, awarded for, year of award
- ❖ Name of the patent, year and details about the patent, etc. as well as the candidate's specific contribution vis a via the co-inventors.

E.2.6 Research guidance (Ph.D./M.S./M. Tech., only those with formal guide status) to be listed:

- ❖ Research degree, name of the scholar, title of thesis, year of award etc. If candidate is not the sole Supervisor (Guide), all co- guides to be listed. Degrees in progress may be indicated separately.

E.2.7 Role in and details of externally funded projects carried out to be listed:

- ❖ Title of the project, duration, sponsor, value, co–investigators, if any, role of the candidate and specific contributions, etc. Candidates should highlight specific contributions, if any, to industry/pointing out the challenges overcome, the value of the work to the industry etc.

E.2.8 Other Activities Like:

- ❖ Text books and Monographs written with details,
- ❖ Continuing education programs / conferences organized (as an organizer or co-organizer) etc.

E.2.9 Any other relevant but brief information on academic standing.

E.2.10 Candidates to upload reprints of three best papers published along with a short description of their technical contributions to each of these papers.

E.2.11 Scan of educational and experience and any other relevant but brief information on academic sanding.

E.3 Candidates who are in receipt of Interview Call letters are alone to send atleast two letters of reference directly to the Director, IIT Tirupati either by post or by email (director@iittp.ac.in).

E.4 For Professor candidates, referee who are in the peer group of their research areas, outside their own institution, and who can comment on the contributions of the candidate to the field are required. This peer group referee may also comment on the multi-disciplinarily of the work (if applicable), whether the candidate is extending doctoral work or branching out into new are and whether candidate is taking u[tough research problems. Referees who can comment on significant contribution to industry are also welcome. At least thr4ee peer references re expected to be sent to the the Director, IIT Tirupati by mail (director@iittp.ac.in).

F. SUPPORT FOR PROFESSIONAL ADVANCEMENT OF FACULTY

F.1 For candidates joining the Institute from abroad – Reimbursement of one-way economy class airfare for travel subject to the condition that they serve the Institute for a minimum period of 3 years.

F.2 Relocation allowance of Rs. 50,000/- or actual, whichever is less, towards transportation of personal effects is provided for candidates joining the Institute from abroad.

F.3 Initiation Grant of Rs. 5 Lakhs on joining for initial research set up, travelling to conferences etc.

F.4 Startup Grant of Rs.20 lakhs or more for carrying out research project of 3 years duration.

F.5 Reimbursement of telephone bills up to Rs. 750/p.m. and STD facility for office telephone.

F.6 A Cumulative Professional Development Allowance (CPDA) of Rs. 3 lakhs for every block period of 3 years (Rupees one lakh per year) is made available to every 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.

F.7 No limit on the attendance at International Conferences without Institute financial assistance without affecting the academic work in the Institute.

F.8 Accommodation: On arrival, may stay in Guest House upto two weeks..

F.9 The Institute encourages interaction of the faculty with industry, other research and professional institutions. Consultancy is encouraged at IIT Tirupati and liberal consultancy policies are in practice.

F.10 Professional visits can be undertaken during vacation period for carrying out scientific research work.

F.11 Flexible Sabbatical Leave facility.

G. ADDITIONAL INFORMATION

G.1 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 on contract basis is permissible.

G.2 Political and security clearance from Ministries of External Affairs and Home Affairs is necessary in every case for individuals with foreign passports.

G.3 Pay shown above is the minimum. Higher starting pay may be offered to deserving candidates on the recommendations of the Selection Committee and at the discretion of the Board of Governors of IIT Tirupati.

G.4 Reservation: Reservation as per Government of India rules, as applicable to IITs, is followed, without any relaxation on qualifications and experience. Necessary certificates pertaining to the current financial year 2017-2018 must be enclosed with the application form.

G.5 Candidates employed in Government and Semi-Government Organizations, Public Undertakings, University and Educational Institutions must submit **No Objection Certificate** at the time of Interview failing which they will not be interviewed.

G.6 The Institute reserves the right to fill or not fill any or all the posts advertised.

G.7 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.

G.8 The invitation to candidate for interview merely indicates that it is felt that he/she with others may be suitable for the post and conveys no assurance whatsoever that he/she will be recommended or selected or his/her conditions specified in the application will be accepted.

G.9 The Institute reserves the right to shortlist and call only such candidates as are found prima-facie suitable for being considered by the Selection Committee. Thus, just fulfilling the minimum prescribed conditions would not entitle one to be called for Interview.

G.10 No correspondence whatsoever will be entertained from candidates regarding reason for not being called for interview / outcome of interview.

G.11 The Institute may consider candidates whose area of specialization lie outside those stated herein, provided these persons have an outstanding record.

G.12 Outstation candidates called for personal interview will be paid economy airfare by the shortest route and the candidates are to travel only by Air India flights.

G.13 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.

H. Important dates:

I Opening date for on-line registration: 05-12-2018

II Closing date for on-line registration: 13-01-2019