

**INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI**  
**TIRUPATI – 517 506**  
**Advertisement No. IITT/FAC – RMT-02/2018 dated 10-01-2018**

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 **regular faculty positions** at the levels of:

**1. ASSISTANT PROFESSOR GRADE – I**

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

**2. ASSOCIATE PROFESSOR**

**Basic Pay: Rs.139600/- (Academic Pay Level 13A2 and Cell 1 of the Pay Matrix of 7<sup>th</sup> 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	Materials Chemistry (Energy, Environment, Nano and Smart Materials)
Chemical Engineering	All areas
Civil Engineering	All areas
Computer Science & Engg	All areas
Electrical Engineering	All areas
Humanities & Social Sciences	Industrial/Organisational Psychology, Philosophy, Financial Management
Mathematics	Algebra, Number Theory & Cryptography, Probability & Statistics, Numerical Analysis
Mechanical Engineering	All areas(including Industrial Engineering)
Physics	Theoretical Condensed Matter Physics, Theoretical Atomic & Molecular Physics, Quantum Optics

**QUALIFICATION (Minimum)**

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

**ASSOCIATE PROFESSOR:** 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 guided atleast one Ph.D., and demonstrated ability to carry out quality research and teaching.

**ASSISTANT PROFESSOR:** 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.**

### **AGE**

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.

**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. 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.

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/-)

### **APPLICATION FORM AND INSTRUCTIONS**

Applications are to be submitted online on or before **12-02-2018** at <http://facapp.iittp.ac.in> ; fillable forms and instructions can be found at the same site. Also one signed hardcopy of the data sheet (only) to be sent to the following address on or before **19-02-2018**.

The Registrar (I/C)  
IIT TIRUPATI  
CHADALAWADA NAGAR, RENIGUNTA ROAD,  
TIRUPATI - 517 506  
Chittoor Dt, ( A.P), India

### **INSTRUCTIONS FOR COMPLETING THE APPLICATION FORM**

- 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.
- Enclose a detailed Academic Profile including the following information.
  - a) 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.

- b) 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.
- c) 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.
- d) 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) 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.
- f) 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.
- g) Industrial Experience and Consultancy: Details of industrial experience and relevance to proposed teaching and research.
- h) Other Activities Like:
  - ❖ Text books and Monographs written with details,
  - ❖ Continuing education programs / conferences organized (as an organizer or co-organizer) etc.
- i) Any other relevant but brief information on academic standing.

- 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).
- Candidates to upload reprints of three best papers published along with a short description of their technical contribution to each of these papers.

### **SUPPORT FOR PROFESSIONAL ADVANCEMENT OF FACULTY**

- 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.
- 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.
- Initiation Grant of Rs. 5 Lakhs on joining for initial research set up, travelling to conferences etc.
- Startup Grant of Rs.20 lakhs or more for carrying out research project of 3 years duration.
- Reimbursement of telephone bills up to Rs. 750/p.m. and STD facility for office telephone.
- 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.
- No limit on the attendance at International Conferences without Institute financial assistance without affecting the academic work in the Institute.
- Accommodation: On arrival, may stay in Guest House upto a month on concessional rates.
- 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.
- Professional visits can be undertaken during vacation period for carrying out scientific research work.
- Flexible Sabbatical Leave facility.

### **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 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.
- 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.
- 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.

- Candidates employed in Government and Semi-Government Organizations, Public Undertakings, University and Educational Institutions must apply through their present employers. If they anticipate unavoidable delay in their applications being forwarded through proper channel, they may submit advance copies of their applications directly to the Registrar In-charge **IIT Tirupati and produce NOC at the time of interview.**
- Candidates are requested to send their application in the prescribed format only.
- The Institute reserves the right to fill or not fill any or all the posts advertised.
- 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 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.
- 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 minimum 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.
- 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.
- 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.
- Important dates:

I	Opening date for on-line registration:	10-01-2018
ii	Closing date for on-line registration:	12-02-2018
iii	Closing date for receiving the application and other documents by post.	19-02-2018