

**INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI**  
**TIRUPATI – 517 506**  
**Advertisement No. IITTP/RMT-F01/2016 Dated: 10-03-2016**

Indian Institute of Technology Tirupati is the first among the 3rd phase of IITs, announced in 2014, to have its foundation stone laid in March 2015. It started functioning with the support of its mentoring institute, IIT Madras from the academic year of 2015-16. Presently, it is operating from a temporary campus on Tirupati – Renigunta Road and plans are well underway to setup its own campus in the next 3 or 4 years at the site (about 550 acres) in Merlapaka village, Yerpedu Mandal, Chittoor District, A.P.

The academic program was launched in August 2015 by admitting students in the B.Tech programme in the fields of Civil Engineering, Computer Science & Engineering, Electrical Engineering and Mechanical Engineering. The curriculum has emphasis on theoretical knowledge and practice oriented laboratories. Courses are planned to nurture innovation and creativity, teamwork, communication skills, ethics and societal interaction. Plans are afoot to start Masters and doctorate programs soon.

The Government of Andhra Pradesh is nurturing Tirupati as knowledge hub of the State. The new IISER Tirupati permanent campus is to come up about 3 Kms from IIT Tirupati campus. Many established Institutions such Sri Venkateswara University, Sri Venkateswara Medical College, Sri Venkateswara Institute of Medical Sciences (SVIMS), Sanskrit University etc are located in Tirupati. An upcoming integrated business city "Sri City" nearby and the Satish Dhawan Space Center (SHAR) in Sriharikota being close by gives it a technical edge. Tirupati town being one of an important cities in Andhra Pradesh with its International Airport and its proximity to Chennai and Bengaluru gives it excellent connectivity. In all IIT Tirupati has a great potential to be an academic and research Institute of great repute.

IIT Tirupati invites applications from candidates with an established record of independent high quality research and commitment to teaching for contract faculty positions at the level of;

**ASSISTANT PROFESSOR:**

**Pay Band 3 (Rs. 15600-39100) with AGP Rs. 8,000/- For direct recruits, minimum pay in the PB-3 to be fixed at Rs. 30,000/-**

**ASSOCIATE PROFESSOR:**

**Pay Band 4 (Rs.37400-67000) with AGP Rs.9,500/- For direct recruits, minimum pay in the PB-4 to be fixed at Rs.42,800/-**

**PROFESSOR:**

**Pay Band 4(Rs.37400-67000) with AGP Rs. 10,500/- For direct recruits, minimum pay in the PB-4 to be fixed at Rs.48,000/-**

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

The positions are available in the Departments of

- Chemistry
- Mathematics
- Civil Engineering
- Computer Science and Engineering
- Electrical Engineering
- Mechanical Engineering

**At the levels of Associate Professor and Professor, candidates on deputation from other universities and national institutions or organizations will be preferred. The age of these candidates should preferably be less than 65 years.**

**All recruitments will be on CONTRACT BASIS for a year and are extendable. The contract employees are encouraged to apply for permanent positions as and when permanent posts are advertised.**

**AREAS OF SPECIALISATION**

**All areas of specialisation will be considered for the Associate Professor and Professor positions. For the Assistant Professor positions, the areas to be considered are**

<b>Chemistry</b>	<b>All areas in chemistry</b>
<b>Mathematics</b>	<b>All areas in Mathematics</b>
<b>Computer Science &amp; Engineering</b>	<b>All streams of Computer Science &amp; Technology</b>

**Civil Engineering****Structures, Hydraulics, Water Resources, Environmental Engineering, Geo-technical Engineering****Electrical Engineering****Electronics and Communication, Signal Processing, Electrical Machines, Devices, Power Systems, Power Electronics****Mechanical Engineering****Solid Mechanics, Design, Manufacturing, Thermal Sciences, Fluid Dynamics, Mechatronics****QUALIFICATION**

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

**PROFESSOR:** 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 an equivalent level in any such other Indian or foreign institution / institutions of comparable standards. It is desirable that the candidate has guided atleast two Ph.D students, with good publications, contributed in teaching well.

**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. It is desirable that the candidate has guided atleast one Ph.D (or a student close to graduation), demonstrated ability to carry out research/teaching.

**ASSISTANT PROFESSOR:** At least 3 years industrial / research / teaching experience excluding, however, the experience gained while pursuing Ph.D. Candidate has good publication and teaching potential.

**Candidates for Assistant Professor should be preferably below 35 years of age.**

Candidates not eligible for direct recruitment as Assistant Professor such as those with lesser experience may be put on tenure track. At the entry level they may be placed in Pay band-3 of Rs. 15600-39100 with AGP of Rs.6000/- with seven non-compounded advance increments.

## **APPLICATION FORM AND INSTRUCTIONS**

Applications are to be submitted online at <http://facapp.iittp.ac.in> ; fillable forms and instructions can be found at the same site. Also send one signed hardcopy of the data sheet (only) to:

The Professor In-charge  
IIT TIRUPATI  
CHADALAWADA NAGAR, RENIGUNTA ROAD,  
TIRUPATI 517 506 – A.P.  
Telephone +910877 2500334

- The completed application materials should be uploaded on or 4<sup>th</sup> April, 2016.

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

- Please send one application form for each post, if applying for more than one; a single application form is sufficient for applying to multiple departments – indicate 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 as detailed below.
  - a) A Teaching Plan, indicating core courses from the IIT Tirupati core courses master list (available at the IIT Tirupati website) that you can teach and also an expanded statement of your 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 and Industrial Consultancy plan highlighting your 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 10 years, highlighting a) why the work is important (context) and b) if joint work with non- students, what is the

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 viz a viz the co-inventors.
- e) Research guidance (Ph.D./M.S./M. Tech., only those with formal guide status) listing:
  - ❖ 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, listing:
  - ❖ 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) Other Activities Like:
  - ❖ Text books and Monographs written with details,
  - ❖ Continuing education programs / conference organized (as an organizer or co-organizer) etc.
- h) Any other relevant but brief information on academic standing.
  - Candidates are requested to contact the referees to send letters of reference directly to the Professor In-charge, IIT Tirupati either by post or by email: email addresses are listed at the IIT Tirupati website.

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

### **OTHER 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 also provided for candidates joining the Institute from abroad.
- Initiation Grant Rs. 5 Lakhs on joining, to be used for initial research set up, travelling to conferences etc.
- Startup Grant upto Rs. 20 lakhs based on a proposal 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.
- 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.
- Medical Insurance for cash-less-inpatient treatment at leading hospitals

### **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.

- 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 2015-2016 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 Professor In-charge **IIT Tirupati**
- 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 specified in the application will be accepted.
- 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.
- 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.