

FACULTY OPENINGS: Information & Instruction Sheet

Applications received up to May 27, 2019 (Monday) shall be considered for this round of selection

Applications are invited from well qualified candidates for faculty positions at the level of **Professor, Associate Professor, and Assistant Professor (III / II / I)** in the Academic Units and the areas / specializations mentioned below.

A. Academic Units:

Department of Civil Engineering, Department of Computer Science & Engineering, Department of Electrical & Instrumentation Engineering, Department of Electronics & Communication Engineering, Department of Mechanical Engineering, Department of Chemical Engineering, and School of Mathematics.

B. Required Specializations in Above Academic Units:

Academic Unit	Specialization / sub-areas / disciplines
Department of Civil Engineering	Structural Engineering / Geotechnical Engineering / Transportation Engineering / Water Resources Engineering / Remote Sensing / GIS / Construction and Project Management (with experience in BIM and other related software)
Department of Computer Science & Engineering	Animation and Gaming / Machine Learning / Data Analytics / Cyber Security / Information Security / Parallel and Distributed Computing / Computer Networks / Mobile Computing / Software Engineering / Data Science / IoT
Department of Electrical & Instrumentation Engineering	Power System / Biomedical Engineering / Control System / Renewable Energy / Power Electronics
Department of Electronics & Communication Engineering	Embedded Systems / Computer Engineering / Architectures / Computer Vision / Machine learning / Deep Learning / Cloud Computing / Data Science and Analysis / Software Defined Telecommunication Networks / Wireless and Mobile Networks / Optical Networks / Signal Processing / Image Processing / Electronic Systems Design / VLSI Systems
Department of Mechanical Engineering	Machine Design / Vibrations and Condition Monitoring / Dynamics and Control / Computer Aided Design and analysis / Mechatronics / Robotics and Automation / Machining Science / Fabrication / Machine Tool Design / Computer Aided Manufacturing
Department of Chemical Engineering	Energy / Petroleum
School of Mathematics	Pure and Applied Mathematics / Statistics

C. Essential Qualifications, Experience and Research Parameters for the Academic Units at A:

<p>PROFESSOR</p> <p>Minimum Basic*: ₹ 1,75,000/=, Annualized Total Salary: ₹ 29,26,000/=</p>	<ul style="list-style-type: none"> • Ph.D. with First class in the preceding degree and a good academic record throughout. • 10 years Post-PhD research experience of which at least 5 years should be equivalent to Associate Professor. • At least 20 publications of which 15 are in SCI/SCIE/SSCI journals OR TIF of 20. Patents can compensate for number of publications. • Demonstrated capability of attracting Sponsored R&D Projects / Consultancies / MDP / CEP as PI. Total Project Value more than Rs. 12 lakhs. If no projects, then compensate through 10 additional SCI/SCIE/SSCI journal papers; if project value is Rs. 5 lakhs, then compensate through 5 additional SCI/SCIE/SSCI journal publications.
<p>ASSOCIATE PROFESSOR</p> <p>Minimum Basic*: ₹ 1,50,000/=, Annualized Total Salary: ₹ 24,92,900/=</p>	<ul style="list-style-type: none"> • Ph.D. with First class in the preceding degree and a good academic record throughout. • 6 years post-PhD research experience of which at least 5 years should be equivalent to Assistant Professor. • At least 15 publications of which 8 are in SCI/SCIE/SSCI journals or TIF of 10. Patents can compensate for number of publications. • Demonstrated capability of attracting Sponsored R&D Projects / Consultancies / MDP / CEP as PI/Co-PI. Project(s) value should be more than Rs. 5 lakhs. If there is no project, then compensate through 5 extra SCI/SCIE/SSCI publications; if value of Project(s) is more than Rs. 2.5 Lacs, then compensate through 3 extra SCI/SCIE/SSCI publications.
<p>ASSISTANT PROFESSOR (III)</p> <p>Minimum Basic*: ₹ 1,10,000/=, Annualized Total Salary: ₹ 18,45,300/=</p>	<ul style="list-style-type: none"> • Ph.D. with First class in the preceding degree and a good academic record throughout. • 1 year Post-PhD experience. • At least 8 publications of which 5 are in SCI/SCIE/SSCI journals or TIF of 7. Patents can compensate for number of publications.
<p>ASSISTANT PROFESSOR (II)</p> <p>Minimum Basic*: ₹ 92,000/=, Annualized Total Salary: ₹ 15,64,900/=</p>	<ul style="list-style-type: none"> • Ph.D. with First class in the preceding degree and a good academic record throughout.
<p>ASSISTANT PROFESSOR (I)</p> <p>Minimum Basic*: ₹ 78,000/=, Annualized Total Salary: ₹ 13,45,000/=</p>	<ul style="list-style-type: none"> • Ph.D. with First class in the preceding degree and a good academic record throughout.

**Higher salary may be considered for exceptionally bright candidates.*

Note 1: 4 publications in Scopus indexed journals will be considered equivalent to 1 SCI/SCIE/SSCI publication.

Note 2: *1 Patent will be considered equivalent to 4 SCI/SCIE/SSCI publications or TIF of 4.*

Note 3: *In case, one has a project worth at least Rs. 10.00 lacs then it will be considered equivalent to 1 SCI paper provided that one is the Principal Investigator (PI). In case, two or more investigators are there, then the weightage shall be calculated as: if two Investigators, then 0.5 SCI Paper; if three Investigators, then 0.33 SCI Paper; if four Investigators, then 0.25 SCI paper, etc. A maximum of 3 SCI papers can be considered in lieu of projects in this manner.*

Note 4: *Approximately 30-50% of the research parameters should be achieved in last 5 years.*

D. MONETARY ADVANTAGES @ TIET:

The Total Salary at TIET includes Basic Pay, Dearness Allowance, PF Management Share, Transportation Allowance, Medical Allowance, Communication Allowance, Academic Allowance, HRA, and Professional Development Allowance (PDA). These allowances are as per TIET norms.

Professional Developments Allowance (PDA): This allowance is given to regular faculty members of the rank of Assistant Professor and above. *This allowances is given on yearly basis and faculty members can accumulate this allowance up to 3 years. As of now, this allowance is:*

- *Rs. 0.75 lakh for Professors and above; Rs. 0.40 lakh for Associate Professors and Rs. 0.30 for lakh Assistant Professors*

In addition to the Total Salary, TIET offers the following to its regular employees:

- *Reservation in admission for the wards of the employees on merit basis. Full fee waiver for one child for education in TIET and full fee waiver for 2nd child on merit basis*
- Gratuity and Leave Encashment
- L.T.C., and Group Medical Insurance
- Children Education Allowance

In addition to above, regular faculty members are entitled to the following as per TIET rules:

- Annual performance award scheme
- Initial Competitive Research Grant up to ₹ 8 lakhs
- Participation in Conferences abroad
- Laptop Computer.

E. HOW TO APPLY:

Please visit

<http://www.thapar.edu> >> Faculty Openings

for *related information* and also to *apply online*.

For technical support, our support team can be reached at recruitment@thapar.edu or at 0175-2393427.

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This, however, is a rolling advertisement. You may contact our Personal Section @ 0175 - 2393849 2393803; or Professor R.K. Sharma, Dean of Faculty Affairs, Thapar University @ 0175 - 2393882, 2393914, for more information.

NOTE:

- *Applicants desiring to apply for more than one Department/School should send separate applications for each Department/School.*
- *The University reserves the right to screen and call only such candidates as are found prima-facie suitable for being considered by the Selection Committee. Thus, mere fulfilling the prescribed conditions would not entitle one to be called for interview.*
- *The candidates who appeared before the selection committee during last selection process should be able to demonstrate a considerable improvement in their CV.*
- *The University reserves the right to fill or not to fill any or all the posts advertised.*
- *The University at its discretion may relax the minimum requirements in case of outstanding candidates.*
- *Any wrong information shall straightway lead to disqualification.*
- *No correspondence will be entertained from candidates regarding electronic delays, conduct & results of interview and reasons for not being called for interview.*

Dean of Faculty Affairs