



# THAPAR UNIVERSITY

(Declared under section 3 of UGC Act, 1956 vide notification # F.9-12/84-U.3 of GoI)

PATIALA-147004, PUNJAB [http:// www.thapar.edu](http://www.thapar.edu)

## FACULTY OPENINGS: Information & Instruction Sheet

**Applications received up to September 15, 2017 shall be considered for this round of selection in October 2017 & Applications received up to October 15, 2017 shall be considered for this round of selection in December 2017.**

**Internal candidate should only apply for December 2017 Selection.**

Applications are invited from well qualified candidates for faculty positions at the level of **Associate Professor / Assistant Professor (III / II / I) / Lecturer (Contractual)** 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, and School of Mathematics.

### B. Required Specializations in Above Academic Units:

| Academic Unit  | Specialization / sub-areas / disciplines  |
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| Department of Civil Engineering                        | Structural Engineering / Geo technical Engineering / Transportation Engineering / Water Resources Engineering / Remote Sensing and GIS  |
| Department of Computer Science & Engineering           | Animation and Gaming / Machine Learning / Data Analytics / Cyber Security / Information Security / Parallel and Distributed Computing / Computer Networks / Mobile Computing / Image Processing / Software Engineering  |
| Department of Electrical & Instrumentation Engineering | Power Systems / High Voltage / Power Electronics & Drives / Embedded System / Robotics  |
| Department of Electronics & Communication Engineering  | Embedded Systems / Computer Engineering, Architectures, Networks, etc. / Communication Systems / VLSI Design / Electronic Devices and Circuits / Fiber Optic Communication / Optical Networks / Wireless Communication & Antenna Design / Signal Processing / Microwave Engineering |
| Department of Mechanical Engineering                   | Mechatronics / Robotics / Industrial Automation / Design / Mechanics / Vibrations / Bio-Mechanics / Welding / Metal Forming / Surface Engineering / Bio-MEMS / CFD / Two phase flow and Multi phase flow  |
| School of Mathematics                                  | Pure and Applied Mathematics and Statistics   |

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

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| <p><b>ASSOCIATE PROFESSOR</b></p> <p>Minimum Basic: 45500*,<br/>AGP: 10000</p>      | <ul style="list-style-type: none"> <li>• Ph.D. with First class in the preceding degree and a good academic record throughout.</li> <li>• 6 years of teaching experience of which 5 years Post-PhD experience and at least 5 years as Assistant Professor.<br/>OR<br/>6 years of teaching experience of which 4 years Post-PhD experience and at least 5 years as Assistant Professor + 2 extra SCI/SCIE/SSCI publications.</li> <li>• At least 10 publications of which 5 are in SCI/SCIE/SSCI journals OR TIF of 8. If one publication short, compensate with additional +2 TIF. If one TIF short, compensate with +2 publications. Minimum 4 SCI/SCIE/SSCI journal publications. Further, patents can compensate for number of publications.</li> <li>• At least 1 student registered for PhD guidance.</li> <li>• Demonstrated capability of attracting Sponsored R&amp;D Projects / Consultancies / MDP / CEP as PI/Co-PI. Total Project Value of Rs. 5 lakhs. If no projects, then compensate with 3 additional SCI/SCIE/SSCI publications.</li> </ul> |
| <p><b>ASSISTANT PROFESSOR (III)</b></p> <p>Minimum Basic: 30000*,<br/>AGP: 8500</p> | <ul style="list-style-type: none"> <li>• Ph.D. with First class in the preceding degree and a good academic record throughout.</li> <li>• 1 year Post-PhD experience.</li> <li>• At least 6 publications of which 3 are in SCI/SCIE/SSCI journals OR TIF of 5<br/>OR<br/>At least 6 publications of which 2 are in SCI/SCIE/SSCI journals and 1 R&amp;D project (&gt; Rs. 5 Lacs)<br/>OR<br/>At least 6 publications of which 1 is in SCI/SCIE/SSCI journal and 2 R&amp;D Projects (&gt; Rs. 5 Lacs each).</li> </ul>  |
| <p><b>ASSISTANT PROFESSOR (II)</b></p> <p>Minimum Basic: 26000*,<br/>AGP: 8000</p>  | <ul style="list-style-type: none"> <li>• Ph.D. with First class in the preceding degree and a good academic record throughout.</li> <li>• At least 2 publications in SCI/SCIE/SSCI/ Journals<br/>OR<br/>At least 1 publication in SCI/SCIE/SSCI/ Journal and 1 R&amp;D project (&gt; Rs. 5 Lacs).</li> </ul>   |
| <p><b>ASSISTANT PROFESSOR (I)</b></p> <p>Minimum Basic: 22000*,<br/>AGP: 7000</p>   | <ul style="list-style-type: none"> <li>• Ph.D. with First class in the preceding degree and a good academic record throughout.</li> <li>• At least 2 publications in SCI/SCIE/SSCI/ Journals.</li> </ul>   |

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| <p><b>LECTURER<br/>(CONTRACTUAL)</b></p> <p>Consolidated Rs. 65000/-*<br/>per month.</p> | <ul style="list-style-type: none"> <li>• Master's degree with first class at both UG &amp; PG level, preferably pursuing PhD in Engineering and Ph.D. for all other subjects.</li> <li>• Lecturer (Contractual) is not a regular position and is generally offered for 1-3 years.</li> </ul> |
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*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: Approximately 30-50% of the research parameters should be achieved in last 5 years.*

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

#### **D. MONETARY ADVANTAGES @ TU:**

**The Total Salary at TU includes** Basic Pay, Grade 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 TU 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, TU 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 TU 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 TU rules:**

- Annual performance incentive scheme
- Initial Research Grant up to 5 lakhs
- Participation in Conferences abroad
- Laptop Computer.

## **E. HOW TO APPLY:**

- Use the link:

*<http://www.thapar.edu/index.php/achievers/faculty-openings>*

for related information and also to apply online.

- For technical support, our support team can be reached at [recruitment@thapar.edu](mailto:recruitment@thapar.edu) or at 0175-2393151.

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This, however, is a rolling advertisement. You may contact our Personal Section @ 0175 - 2393849 2393083; 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 2016 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.*

## **REGISTRAR**