

**TIET-TAU CENTER OF EXCELLENCE FOR FOOD SECURITY (T2CEFS)  
THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY, PATIALA**

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November 17, 2021

Applications are invited from the eligible candidates (Indian nationals only) for research fellow at **TIET-TAU Center of Excellence for Food Security (T2CEFS)**. The T2FES is a center established under collaboration of Thapar Institute of Engineering and Technology, Patiala and Tel Aviv University, Israel to promote the Food Security oriented academic research and development. Details about the eligibility requirement is given as follow.

**Project title** : An Integrated System for Irrigation Water Quality Monitoring and Management System

**Principal Investigator** : Dr. Jai Prakash Kushwaha

**Co-Principal Investigators** : Dr. R P Yadav; Dr. D N Rath; Dr. K Verma

<b>S. No</b>	<b>Research areas</b>	<b>Number of positions</b>	<b>Duration (in Years)</b>	<b>Essential Qualifications</b>
01	Research Fellow	01	The fellowship will be offered initially for a period of one year, <b>which can be extended further for two more years depending on the performance evaluation by committee.</b>	M. Tech. in Electronics Engineering (Wireless communication, Machine Learning, Optics, Microwave)/ Chemical Engineering (Environmental Engg)/ Computer Science and Engineering

**Fellowship amount:** INR 25, 000/-p.m. (consolidated)

**Desirable Qualifications:** The applicants having a valid GATE/NET score shall be preferred. The candidate having a prior experience of working on Optical sensors, Machine learning or optical system designs will be preferred. We also expect the selected candidate to work in strong interdisciplinary area.

**Opportunity:** The selected candidate can register for the full-time PhD program at TIET, Patiala/Tel Aviv University (upon fulfilling admission norms of the respective institution). The project fellow will have the opportunity to work in the State-of-the-Art laboratories(s) in Israel.

### **Other Relevant Details:**

- Selection committee of Thapar Institute reserves the right to fix suitable criteria for short-listing of eligible candidates.
- Candidates will be short listed for the interview based on merit and experience of the available candidates. Decision of selection committee will be final. The date and time of interview will be informed by email only.
- **No TA/DA will be given to the candidates called for the interview.**
- **Appointment will be contractual in nature and as per Institute terms and condition.**
- The fellowship will be offered initially for a period of one year, **which can be extended further for two more years depending on the performance evaluation by committee.**

The application can be sent through e-mail only at [jpkushwaha@thapar.edu](mailto:jpkushwaha@thapar.edu) in the prescribed format (attached with the document). You may contact at +91-8437167041 for any further queries.

**The last date for receiving the applications is Nov 30, 2021.**

**Dr. J P Kushwaha  
Associate Professor  
Chemical Engg Department  
Thapar Institute of Engg and technology  
Patiala, Punjab, India**

## APPLICATION FORM

(Attested copies should be enclosed in proof of all information furnished herein)

- 1) **M.E./M.Tech. Specialization**
- 2) **Name of the candidate in full (in Capital letters)**
- 3) **Date of Birth**
- 4) **Nationality**
- 5) **Mailing Address**
- 6) **Permanent address**
- 7) **Educational qualifications**

S.No.	Name of the Exam Passed	Subjects /Specializations	Board/Institution /University	Year of Passing	Marks secured	Percentage of Marks secured
1	10 <sup>th</sup>					
2	12 <sup>th</sup>					
3	B.Tech./B.E.					
4	M.Tech./M.E.					
5	Others					

- 8) **Have you passed NET/CSIR-UGC joint Exam./ GATE . If 'yes', please indicate:**
  
- 9) **Previous experience:** (Furnish details such as name of the post/ fellowship; Period worked, name of the organization/ institution etc.)
  
- 10) **Present position:** (Write position, Name of the institution/ organization in which you are studying / working)
  
- 11) **Any other information**

**Date:**

**Signature of the Candidate**