

**TIET-TAU Center of Excellence for Food Security (T2CEFS)
Thapar Institute of Engineering and Technology, Patiala, Punjab.**

November 18, 2019

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**Applications are invited for the post of Research Fellow in the collaborative project of
TIET, Patiala -PAU, Ludhiana- Tel Aviv University, Israel**

Title of the Project	Biosensor Platforms And Affordable Processing Technologies for Mitigation of Post Harvest Losses In Tropical Guava Fruit
Project Code	(TTFS2019_0003)
Project Duration	(3-5 years)
Principal Investigator	Professor Moushumi Ghosh
Co-Principal Investigators	Dr. Arun Chatterjee, Ovais Qadri (TIET), Dr.Preetinder Kaur, Dr.Surekha Bhatia (PAU, Ludhiana), Dr.Evgeni Elstov (ARO, Volcani Israel)

Detail of the Post

Name of Post:	Project Fellow (01)
Emolument:	Rs. 25000/ pm consolidated
Essential Qualification	<ul style="list-style-type: none"> • MSc./M.E./ M.Tech. in Biotechnology, Electronic Engineering, Instrumentation, Biomedical Engineering , VLSI Design, Microelectronics, Nanoscience or relevant interdisciplinary area of Lifesciences OR electronic Engineering. •
Desirable Qualification	<p>The candidate should have hands on experience; Dissertation/short term project/training in any of the following areas (Document proof required)</p> <p>Sensors/ Biosensors/Nanosensors/ Bioinstrumentation/ image processing/ spectrometry/Development of Wireless Sensor Network (WSN) and IoTs based systems/knowledge of computer programming (C/ C++/Python/MATLAB)/bioelectronics</p> <ul style="list-style-type: none"> • NET/GATE QUALIFIED will be preferred • The candidate should have report writing skills and interest in pursuing research
Opportunities	<p>-The selected candidate can register for the full-time PhD program TIET, Patiala/ PAU, Ludhiana/ Tel Aviv University, ARO, Israel (upon fulfilling admission norms of the respective institution)</p> <p>-The project fellow will get the opportunity to work in the State of the Art laboratories in Israel.</p>
How to apply	Interested candidates should submit their detailed curriculum vitae (CV) along with Xerox copy of certificates, experience details/proofs by email (mghosh@thapar.edu) positively by Dec.15, 2019.

Other relevant information:

1. Selection committee of Thapar Institute reserves the right to fix suitable criteria for short- listing of eligible candidates.
2. 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.
3. No TA/DA will be given to the candidates called for the interview.
4. Appointment will be contractual in nature and as per Institute terms and condition.
5. 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.**
6. For any further information/clarifications, the applicants may contact directly by email at mghosh@thapar.edu or contact +91-9878249089

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