

Thapar-TAU Center for Excellence in Food Security

Thapar Institute of Engineering and Technology, Patiala

We are looking for suitable candidates for the post of Research Fellow in the collaborative international project of TIET, Patiala, Tel Aviv University, Israel and PAU, Ludhiana.

The selected candidate can get the opportunity to work in the same area for their PhD under the mentors.

Title of the project	Digital Village: A Data-Driven Approach to Precision Agriculture in Small Farms Project
Project Duration	1 Year
Mentors	Prof. Parteek Bhatia, Dr. Karun Verma
International Partner	Prof. Yosi Shacham, Prof. Eyal Ben Dor

Detail of the Position:

Name of Post:	Research Fellow
Proposed Emolument:	Rs. 25000/ pm
Eligibility Criterion:	M.E./ MTech./MCA in Computer Science
Duration	The position is available for one year that may be extended for another year based on performance.
Essential Skills	The candidate should have hands on experience in Python, Machine Learning, CNN and RNN, Time Series Analysis, IoT, Cloud Storage and deployment of ML models, Writing scientific literature
Job Description	Development of AI based models for weed detection and identification system modelled on an RGB image dataset. Building IoT Based system for development of Robo Cart, Development of Mobile Apps and Web based applications for PA. Time series analysis of sensor data.
Desirable	Candidate having experience building and deployment of various ML models; Working knowledge of IoT and App development, Good Research Publications
How to apply	Interested candidates should submit their detailed Curriculum Vitae (CV) through email to parteek.bhatia@thapar.edu with cc to karun.verma@thapar.edu the subject marked as "Application of Research Fellow" positively by July 02, 2022 .

The selected candidates will be informed about their zoom meeting with the mentors.

For any further information/clarifications, the applicants may contact directly by email at parteek.bhatia@thapar.edu and karun.verma@thapar.edu or Call at +91-9888002791.

Dr. Partee Bhatia **Dr. Karun Verma**
Professor **Associate Professor**
Department of Computer Science and
Engineering, TIET, Patiala, Punjab.

