Advertisement for JRF Recruitment
All India Council for Technical Education
Thapar Institute of Engineering and Technology (TIET), Patiala, India

Project Title	Design, Development, and Validation of a Non-Invasive Microwave-Based Imaging and Hyperthermia System for Diagnosis and Treatment of Breast Cancer
Funding Agency	All India Council for Technical Education - TIET
Investigators	Dr. Amanpreet Kaur, Associate Professor , ECED Dr. Diptimaan Choudhury, Associate Professor , SCBC
Position Available	01 Junior Research Fellow
Qualification	First-class M.Tech. / M.E. in Electronics and Communication/ Electrical / Design Engineering / or M.Sc. Physics/ M.Sc. Electronics with a basic knowledge of Electromagnetic field theory, Antennas and Microwaves. Final-year students who have already appeared for the last semester may also apply in the result awaiting category.
AGE LIMIT	Upper age limit is 28 years as on 1st January 2027 for General and EWS Category. Age relaxation of up to 5 years (33 years) for SC/ST/ PWD/Women candidates and up to 3 years (31 years) for OBC (candidates will be granted
Position Duration	**1 year extendable to three years based upon performance**
Fellowship amount:	**Rs 40, 030/ pm (37000 (basic) + 9% HRA)**
Application Procedure	The candidates may directly send their application forms to amanpreet.kaur@thapar.edu The application should include, a 1. A detailed CV, including the address of correspondence (phone, email, residential address), academic credentials from class X, current position and previous research experience. 2. List of publications and prescribed documents. **3.** Self-attested copies of age proof, final mark sheets (graduation onwards). **4. Expected date of joining: 1st week of January 2027**
Nature of Job	Research on Antennas for Ultrawide band and ISM band. The candidate will have to design antennas and Meta surfaces for the desired band and fabricate and test those for desired biomedical application.

**Contact: Dr. Amanpreet Kaur (amanpreet.kaur@thapar.edu) the PI for any queries in this regard.

****Last date of receipt of complete application**: **5th December 2026**
****Interested Candidates will be allowed to register for PhD with project objectives**