



Thapar Institute of Engineering and Technology
(Deemed to be University as per UGC act 1956)
Thapar Technology Campus, P.B. No. 32, Bhadson Road Patiala-147004, India



Sanction Number: BT/PR40660/COD/139/18/2020 Dated: February 8, 2021

Advertisement for: JRF/Project Associate position under Department of Biotechnology grant

Project title: COVID pandemic management based on real time detection of airborne viral load in hospitals

Applications are invited from prospective candidates who are NET or GATE qualified under the aforementioned sponsored project as per following details. Candidates who are not NET/GATE qualified but otherwise have an excellent academic record may also apply and such candidates can be considered for the post of Project Associate-I. **The nature of the research project is ideally suitable for a masters thesis leading to the award of a MTech or MSc degree in engineering, technology or the basic applied sciences.**

Position	JRF or Project Associate
Number of open positions under this project	ONE
Mentors/Principal Investigator (PI)	Prof. M. S. Reddy , Professor of Biotechnology, and Head, Department of Biotechnology, TIET Patiala Email: msreddy@thapar.edu Dr. Amrik Sen , Assistant Professor, School of Mathematics, Thapar Institute. Email: amriksen@thapar.edu Web: https://www.amriksen.com
Tenure of project	1 year
Job Description	The project will involve statistical analysis of COVID-19 data, characterization of different types of materials to be used in a portable device to capture airborne coronavirus and other airborne pathogens and their statistical validation.
Essential qualifications	i) NET or GATE qualified for JRF ii) Bachelor's degree in engineering or technology from a recognized university + good academic record for the position of Project Associate
Pre-requisites	Good academic record with a strong background in bio-statistics, analytic and quantitative methods, biotechnology or bio-chemistry.

Age	28 years (max at the time of applying, relaxation of 5 years is applicable to women candidates and those belonging to ST/SC/OBC/differently abled)
Fellowship award	i) Rs. 31,000 p.m. (+ HRA) + institute medical benefits for JRF ii) Rs. 25,000 p.m. (+ HRA) + institute medical benefits for Project Associate
Deadline for application	Rolling application until the position is filled.
Mode of application	Please send your CV (resume) along with scanned copies of NET or GATE qualification certificates, BSc, MSc/MTech, and school graduation degrees via email only to amriksen@thapar.edu

Interview and selection:

Shortlisted candidates will be informed of the date of interview by e-mail only. Meeting the minimum qualification requirements do not guarantee an invitation to the interview. Interview is likely to be held as soon as the PI deems that sufficient number of applicants have applied to the post.



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