



Birla Institute of Technology & Science, Pilani
K K Birla Goa Campus

Dr.Srikanth Mutnuri, Professor & Head Department of Biological Sciences

06/06/2021

CALL FOR JRF / SRF for a Grand Challenges India (GCI) - project entitled "Wastewater based Epidemiology and Screening for Covid 19" funded by DBT BIRAC and Bill & Melinda Gates foundation

Applications are invited from suitable candidates for **Junior Research Fellow (JRF) / Senior Research Fellow (SRF) (02 positions)** to work on the abovementioned project sponsored by DBT BIRAC and Bill & Mellinda Gates foundation under the supervision of **Prof. Srikanth Mutnuri**, Department of Biological Sciences, BITS-Pilani, K K Birla Goa campus, Goa.

Title of the project: "Wastewater based Epidemiology and Screening for Covid 19"

The primary aim of the proposal is to connect the analytical data from determining SARS-CoV-2 in multiple wastewaters with the known COVID-19 infection rate of a fixed population in India. Detection of non-infective RNA fragments of SARS-CoV-2 in untreated wastewater and/or sludge demonstrated a correlation between wastewater SARS-CoV-2 RNA concentrations and COVID-19 clinical case reports; the latter two further suggesting that the RNA concentrations could provide a 4- to 7-day advanced notice ahead of COVID-19 confirmed case data (WHO 2020).

Duration of the project: 01 year

Project position and number: JRF / SRF (02)

Fellowship amount: as per DBT norms

Eligibility requirements: **M.Sc / M.Tech./M.E.** in Biotechnology/ Life Sciences with first division. CSIR NET / UGC NET candidates are encouraged to apply.

Interested candidates with the above mentioned qualification can send their applications and CV by **20th June 2021**, to the Principal Investigator, by email srikanth@goa.bits-pilani.ac.in. Please note that only short-listed candidates will be called for online interview in the fourth week of June 2021.

Regards

M. Srikanth



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