



CALL FOR JUNIOR RESEARCH FELLOW FOR ICMR, GOVT. OF INDIA PROJECT

Date: 26/11/2021

Applications are invited from suitable candidates for **Junior Research Fellow (JRF)** to work on the following project sponsored by **ICMR**, under the supervision of **Dr. Karumbaiah**, in the Department of Electrical and Electronics Engineering, BITS-Pilani, Hyderabad campus.

Title of the project: Development of a multipurpose diagnostic device based on microporous microneedle patch for minimally invasive sampling and electrochemical detection of glucose, uric acid and thyroid stimulating hormone from interstitial fluid.

Project Investigators: PI:- Prof. V Vamsi Krishna Venuganti, Co-PI:-Dr. Karumbaiah C. N.

Project position and number: 1 JRF

Fellowship amount: Rs. 31,000 pm + HRA [As per ICMR norms]

Duration: Initially for 1 year (extendable based on the performance)

Eligibility requirements: M.E./M.Tech. in Electronics / Instrumentation / Nanotechnology / Materials Science/ Chemical Engineering/ Biomedical / Biotechnology or equivalent. Prior experience on experimental work in Electronic Device Fabrication, electro-chemical Sensing, Nano-materials, is highly desirable, but not mandatory. Candidates with publication(s) will be given priority.

Interested candidates can apply by sending **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements), by **30.12.2021 (last date)**, to Dr. Karumbaiah via email: karumcn@hyderabad.bits-pilani.ac.in. Please note that only qualified and suitable candidates will be called for interview (held through online mode) in the last week of Nov, 2021. Deserving JRF may be considered for Ph.D. program at BITS-Pilani if she/he meets the requirements of Ph.D. qualification process as per the institute norms.

Dr. Karumbaiah C N

Assistant Professor
Department of Electrical & Electronics Engineering,
Birla Institute of Technology & Science Pilani, Hyderabad Campus.

