CALL FOR RESEARCH STAFF (Project Research Scientist-I) POSITION

Date: 7 March 2024

About: Applications are invited from interested and motivated candidates for the post of **Project Research Scientist-I (Non-Medical)** in a time-bound research project sponsored by the **Indian Council of Medical Research** for a temporary period purely on a contractual basis as per the following details:

Position:	**Project Research Scientist-I (Non-Medical)**
Number of Vacancies:	02 (One in Mechanical Engineering Dept. and One in Biological Sciences Dept.)
Project Title:	A portable image-guided robotic cold plasma system for localized and targeted therapy of oral cancers
Funding Agency:	Indian Council of Medical Research (ICMR)
Principal Investigator (PI) and Co-PI's :	Dr. Radha Raman Mishra, Department of Mechanical Engineering (**PI**) Prof. Shibasish Chowdhury and Prof. Sudeshna Mukherjee, Department of Biological Sciences (**Co-PIs**)
Project Tenure:	4 Years, (Candidate will be considered for a PhD position bas)
Job Description:	**One Project Research Scientist- I** will be involved *in designing, fabricating, and developing robotic arm-based vision and cancer treatment systems, coding robotic systems, data analysis, and image analysis.* **Second Project Research Scientist-I** will be involved in *biological wet lab experiments involving cell culture and all other biological assays, including treatment with Cold Plasma, RNA isolation, analyzing RNA Sequencing Data, Western Blot, and other related assays and their analysis.* Both manpower will be involved in preparing manuscripts for SCI index journals, conferences and patents.
Qualification:	**Position 1:** (**Essential:** First class Master's Degree in ME/MTech in Robotics/CAD/CAM/Mechatronics/Mechanical Engineering or any other relevant specialization; **Desirable:** Exposure to robotic systems, coding and machine learning) **Position 2:** (Essential: First class Master's Degree in M Tech/ME/MS/M Pharma/MSc in Biotechnology/Nanotechnology/Pharma/Biosciences or any other relevant specialization; **Desirable:** Exposure to relevant laboratory work) (Those who are not GATE/NET/GPAT qualified shall be considered for the post lower than PRS-I as per Government of India norms).
Upper Age Limit:	Age not exceeding 35 years as of the date of the interview
Fellowship:	Rs. 56,000 + 9% HRA (Subject to HRA Rules & Regulations)

How to Apply:
Engineering Candidates: should submit their applications along with updated CV through email to rraman.mishra@pilani.bits-pilani.ac.in

Bio/Pharma Candidates: should submit their applications along with updated CV through email to both sudeshna@pilani.bits-pilani.ac.in and shiba@pilani.bits-pilani.ac.in

Shortlisted candidates will be informed of the interview, which will be conducted online. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the project requirements.
Please note that only qualified and suitable candidates will be called for an interview.

   Application Deadline: 20 March 2024
   For more details or any query, contact –
   rraman.mishra@pilani.bits-pilani.ac.in