



**UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY
PANJAB UNIVERSITY, CHANDIGARH – 160014, INDIA
(Estt. under the Panjab University Act VII 1947 enacted by the Govt. of
India)**

AND



**POST-GRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH,
CHANDIGARH-160012, INDIA**

ADVERTISEMENT

PROJECT POSITIONS UNDER PROJECT FROM BIOMEDICAL DEVICES AND TECHNOLOGY DEVELOPMENT (BDTD) DIVISION, DEPARTMENT OF SCIENCE AND TECHNOLOGY (DST), NEW DELHI

Applications are invited for the following positions in a BDTD project entitled “AI-enabled handheld device for quick detection of anemia and nutritional deficiencies using cutaneous cues” under Dr. Ajay Mittal, Professor, UIET, Panjab University, Chandigarh and Dr. Shiv Sajan Saini, Associate Professor, Department of Pediatrics, PGIMER, Chandigarh along with other Co-PIs.

- 1. Position:** Junior Research Fellow
No. of Positions: 01
Salary: Rs. 31000/- pm + 18% HRA

Essential Qualification:

Bachelor Degree/ Master Degree in Engineering and Technology in Computer Science/ Computer Science and Engineering/ Information Technology/ Electronic Engineering/ Electronics and Communication Engineering/ Biomedical Engineering and have qualified UGC-NET/ GATE or a National level test by agencies and institutions like DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, ISc, ISSER, etc. in the specified fields of study.

Desirable Experience:

Experience of working on IoT and embedded systems projects involving programming of smart boards like Raspberry PI, Jetson Nano with programming languages like Python along with associated libraries like OpenCV, PyQt, Tkinter, PyTorch

Age Limit:

35 years (age relaxation for SC/ST/OBC and women candidates as per Govt. of India/ DST instructions)

Place of Work:

Primarily UIET, Panjab University, Chandigarh. However, candidate may need to work at PGIMER, Chandigarh/ GMCH, Chandigarh or other places per project requirements.

Tenure: 12 months

- 2. Position:** Project Assistant
No. of Positions: 01
Salary: Rs. 23,000/- pm + 18% HRA
Essential Qualification:
B.Sc. (Nursing)

Essential Experience:

3 years' experience in a Pediatrics department

Age Limit:

50 years (age relaxation for SC/ST/OBC and women candidates as per Govt. of India/ DST instructions)

Place of Work:

Primarily Department of Pediatrics at PGIMER, Chandigarh and GMCH, Chandigarh. However, candidate may need to work at other places per project requirements.

Tenure: 12 months

3. Position: Scientific Administrative Assistant/ Field Worker

No. of Positions: 01

Salary: Rs. 18,000/- pm + 18% HRA

Essential Qualification:

Graduate degree in any discipline

Desirable Qualification:

Graduate degree in engineering and technology or Graduate degree in Commerce with administrative experience in a similar project

Age Limit:

50 years (age relaxation for SC/ST/OBC and women candidates as per Govt. of India/ DST instructions)

Place of Work:

Primarily UIET, Panjab University, Chandigarh, PGIMER, Chandigarh and GMCH, Chandigarh. However, candidate may need to work at other places per project requirements.

Tenure: 12 months

Terms and Conditions:

1. The post is purely on contract basis and till the project is continued.
2. The appointment is terminable with 15 days' notice from either side without assigning any reason thereof.
3. Since the project is purely temporary, the incumbents selected will have no claim for regular appointment in any of the organization involved in the project or continuation of his/her services in any other project.
4. No benefit of DA, CCA, Bonus, Gratuity, Leave Travel Concession etc. will be given.
5. The incumbents selected will be governed by the disciplinary regulations of Panjab University, Chandigarh or that of the institution where the incumbent selected is deputed.
6. No TA/DA will be paid for attending the interview.

Interested candidates should submit their application in the **prescribed format along with scanned copy of all certificates** through e-mail to **bdtproject@gmail.com** with cc to **ajaymittal@puchd.ac.in** by **02-January-2022 (5 P.M.)**. Kindly **mention the position applied** for in the subject of the email.

The interview date will be intimated to the short-listed candidates thereafter by email.

sd/-

(Dr. Ajay Mittal)

PI-BDTD Project

APPLICATION FORMAT

POSITION APPLIED FOR: _____

NAME:

FATHER'S NAME:

DATE OF BIRTH (Attach proof):

GENDER:

CORRESPONDENCE ADDRESS:

EMAIL:

MOBILE No.:

Academic Qualifications: (Attach scanned certificates)

Degree (Matriculation onwards till Highest degree)	University/ Board	Subject (s)	Year of Passing	% of Marks

Employment Details/ Experience: (Attach scanned certificates)

Designation	Organization	Nature of Employment	From	To	Duration
Total Experience					

The project involves development of a biomedical device to detect anaemia and malnutrition using cutaneous cues. It involves development using Raspberry Pi/ Jetson Nano and Python with associate libraries. The Project Assistant has to capture the images and blood samples of the subjects in OPDs. Describe in 200 words if you have experience of similar work.

Date:

(Signature)