

Date: 18-Sep-26

ADVERTISEMENT NOTICE

Applications are invited from interested and eligible candidates for engagement to the project-based position(s) mentioned below under the project titled “Walk for Life”, funded by Ministry of Electronics and Information Technology (MeitY).

Interested Candidates may appear for the walk-in interview on **29th September 2026 (Tuesday) at 11 AM at MPH-I, Upper Basement, Phase-I, ILBS**. The engagement shall be purely on a contractual basis for a period of 3 months and co-terminus with the project tenure.

1. Signal Processing Engineer (Breath/Speech)

Post	:	1 (One)
Upper Age Limit	:	40 Years; as on closing date.
Eligibility	:	• B.E./B.Tech./M.Sc. with minimum 3 years of relevant R&D/industry experience in healthcare or imaging analytics/signal processing/speech processing. • M.E./M.Tech./M.S. with minimum 1 year of relevant R&D/industry experience in healthcare or imaging analytics/signal processing/speech processing. • Ph.D. in Engineering/Technology/Science with relevant doctoral research in healthcare or imaging analytics/signal processing/speech processing.
Preferred Streams	:	Electrical/ECE, Electronics, Instrumentation, Biomedical Engineering, Signal Processing, Computer Science/IT, Mathematics, Data Science, AI/ML, or any other relevant engineering/science discipline with specialization in signal processing or related areas.
Desired Skills & Experience:		• Experience with audio and biomedical signal processing • Strong knowledge of DSP, feature extraction, and speech analysis • Proficiency in MATLAB, Python (scipy, librosa). Python Preferred • Background in healthcare/biomedical signal analysis desirable
Monthly Salary	:	INR 1,50,000/- per month
Job Description	:	1. Develop predictive algorithms for breath/speech biomarkers. 2. Train and validate ML models using 3D/breath/speech data. 3. Collaborate with clinicians for data interpretation.

2. Bio Medical Data Scientist

Post	:	1 (One)
Upper Age Limit	:	40 Years; as on closing date.
Monthly Emoluments	:	1.50 lakhs /month
Eligibility	:	• B.E./B.Tech./M.Sc. with minimum 3 years of relevant R&D/industry • experience in medical device development or calibration.

- **M.E./M.Tech./M.S.** with minimum 1 year of relevant R&D/industry experience in medical device development or calibration.
- **Ph.D.** in Engineering/Technology/Science with relevant doctoral research in medical device development or calibration.

Preferred Streams : Biomedical Engineering, Electrical / ECE, Electronics, Instrumentation, Computer Science/IT, or any other relevant engineering/science discipline with specialization in medical device development or calibration.

Skills :

- Knowledge of imaging systems (3D, retinal, thermal)
- Device interfacing and integration (IoT, sensors, firmware)
- Regulatory and safety compliance (IEC, ISO standards)
- Proficiency in Python/R for biomedical data analysis
- Publications or clinical research experience preferred/ Background in Econometrics Also Preferred
- Strong knowledge of Statistical Tests, A/B Testing, Causal Inference, Econometrics, and Statistical Modelling

Job Description:

- Evaluate and set up body and retinal scanners
- Analyze patient health parameters, imaging, and biomarkers using advanced statistical and ML models. Ensure medical validity of results
- Collaborate with software developers for device communication

3. Clinical Research Nurse Coordinator

Posts : 2 (Two); as on closing date.

Upper Age Limit : 40 years

Monthly Emoluments : 60,000/month

Qualifications & Experience : M.Sc. in Nursing, Life Sciences, Nutrition, or Dietetics with minimum 1 year in clinical trials or population studies.

Skills :

- Knowledge of ethics, consent, and biomedical research guidelines
- Clinical data validation & imaging standards
- GCP certification preferred

Job Description :

- Conduct imaging sessions, collect subject data
- Ensure standardization and quality control
- Coordinate clinical research activities, patient assessments, and ensure ethical compliance in data collection and validation.
- Support population-based surveys and follow-up

4. ML Interns (AI/ML/Data Science)

Posts	:	2 (Two) ; as on closing date.
Monthly Emoluments	:	Upto ₹50,000 /month (Stipend Based)
Eligibility & Qualification	:	- Final-year/final-semester students or candidates who have completed B.E./B.Tech./BCA/MCA/M.Sc. within the last 1 year. - M.E./M.Tech./M.S./Ph.D. pursuing candidates in relevant disciplines are also eligible. - Candidates should have a strong fundamentals in programming and Machine Learning/Data Science.
Preferred Streams	:	Computer Science/IT, Artificial Intelligence/Machine Learning, Data Science, Mathematics & Computing, Electrical, Electronics, Biomedical Engineering.
Role Overview	:	Assist the core AI/ML engineering and biomedical data teams in developing, testing, and optimizing algorithms for health screening and population-scale data analysis.
Desired Skills:		- Python, NumPy, pandas, PyTorch/TensorFlow, and OpenCV. - Good grasp of machine learning and data preprocessing. - Familiarity with Git & working with pipelines. - Enthusiasm for healthcare AI and clinical research data
Job Description	:	- Support the AI/ML and Data Science teams in data cleaning, preprocessing, and annotation - Assist in model training, validation, and documentation - Participate in development of scripts for automation and visualization - Collaborate with senior engineers and clinicians for experimental setup and results reporting

5. Embedded Hardware & Firmware Engineer

Post	:	01 (one); as on closing date.
Upper Age Limit	:	35 years
Monthly Emoluments	:	₹1.25 Lakh/month
Role Overview	:	Responsible for embedded hardware design, firmware development, biomedical sensor integration, PCB prototyping, data acquisition, device testing, and validation for healthcare applications.
Qualification & Experience	:	- B.E./B.Tech./M.Sc. with minimum 2 years of relevant R&D/industry experience in embedded systems, biomedical devices, wearable technology, or sensor-based systems. - M.E./M.Tech./M.S. with thesis/project experience in embedded systems, biomedical devices, wearable technology, or healthcare sensing. - Ph.D. with research experience in embedded systems, biomedical devices, wearable technology, or healthcare sensing.

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Preferred Streams
Biomedical

: Electronics/ECE, Electrical, CSE, Instrumentation,
Engineering, Mechanical Engineering, Physics.

Desired Skills:

- Embedded hardware and firmware development (C/C++)
- Biomedical sensor integration and data acquisition
- PCB design, prototyping and testing
- I²C/SPI/UART and BLE interfaces
- PPG, ECG, SpO₂, temperature and IMU sensors

Key Responsibilities:

- Design and develop embedded biomedical/wearable devices.
- Develop firmware and integrate biomedical sensors.
- Design, assemble and test PCB prototypes.
- Develop sensor data-acquisition and communication interfaces.
- Perform device testing, troubleshooting and validation.

GENERAL INFORMATION

1. Candidates are advised to carefully peruse the Recruitment Rules, which shall form the basis for shortlisting of eligible candidates for the interview process.
2. Candidates should report for the Walk-in Interview with a duly filled-in application form in the prescribed format [appended below], a recent passport-size photograph affixed on the form, and all required original documents along with one set of self-attested photocopies, as per the prescribed Recruitment Rules (RRs). Applications submitted in any other format or without requisite documents shall be rejected without any further communication.
3. The above position(s) is/are purely contractual and co-terminus with the project duration.
4. Candidates must report on or before **11:00 AM on 29th Sept. 2026**, after which no candidate shall be permitted to appear for the Walk-in Interview.
5. No TA/DA shall be paid for attending the Walk-in Interview or any related selection process.
6. The positions are purely temporary, and selected candidates shall have no claim for regular appointment at ILBS or for continuation in any other project.
7. Candidates reporting with incomplete, unsigned applications or without requisite documents shall not be allowed to participate in the Walk-in Interview.
8. Any form of canvassing or attempt to influence the selection process shall lead to immediate disqualification.
9. In the event of a large number of candidates reporting, the Institute reserves the right to undertake further screening based on qualifications and experience and to shortlist candidates for conducting a written test and/or interview, as deemed appropriate.
10. Experience will be counted only after acquiring the essential educational qualification.
11. No other benefits such as HRA, Provident Fund, CCA, Leave Travel Concession, or Medical Claims shall be admissible.
12. Submission of incorrect, false, or misleading information at any stage of the Walk-in selection process shall result in disqualification.
13. The Institute reserves the right to cancel or modify the Walk-in Interview / advertised positions without assigning any reason.

For queries, contact: project.albumin@gmail.com

APPLICATION FORMApplication for the post of: _____

Paste your recent
passport size
photograph

1. Name in block letters : _____
First Middle Last

2. Gender : (Write 'M' for Male; 'F' for Female)

3. Marital Status: Married / Unmarried / Widow / Divorcee

4. (a) Permanent address: _____

City/District: _____ State: _____ Pin: _____

Phone/Mob.: _____ Email: _____

(b) Postal address (For correspondence):

District: _____ State: _____ Pin: _____

Phone/Mob.: _____ Email: _____

5. Date of birth: _____
(Please annex documentary evidence)

6. Are you

(a) A citizen of India by birth and or by domicile: [Yes] [No]

(b) Person of Indian origin : [Yes] [No]

(c) Holding dual citizenship: [Yes] [No]

7. Do you belong to any of the following categories (Please annex documentary evidence) :

8.

(i) UR / SC / ST / OBC / Ex Service men: _____

(ii) PWD (having 40% or more disability) suffering from _____

7. Father's/ Husband's name : _____
First Middle Last

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8. Educational Qualifications (matriculation onwards) (if required, attach extra sheet):

S. No.	Month & Year		Name of Degree /Diploma/Certificate	Name of Institution and Location	Name of University
	From	To			

9. Work Experience (Start from most recent appointment/job) (if require, attach extra sheet):

S. No.	Organization Name	Date of Joining	Date of Leaving	Position Held	Nature of Job (Temporary/ Permanent /contractual)	Scale of Pay/ Total Emoluments

10. References (Name, designation, address and telephone/mobile number):

- i. _____

- ii. _____

Declaration

I hereby declare that all statements made in this application are true and complete to the best of my knowledge and belief. In the event of any information being found false or incorrect or ineligibility being detected before or after the test, interview, and joining, my candidature will stand cancelled and all my claims of the recruitment will stand forfeited.

Date:

(SIGNATURE OF THE APPLICANT)