



INDIAN INSTITUTE OF TECHNOLOGY

KHARAGPUR – 721 302, INDIA

Sponsored Research and Industrial Consultancy

Mr. Rajarshi Banerjee

Administrative Officer (Projects)

ADVERTISEMENT NO. : IIT/SRIC/R/AEB/2025/103, DATED May 08,2026

Applications are invited on plain paper for the following assignment in a purely time bound research project undertaken in the Department of Electronics and Electrical Communication Engg. of this institute for a period of one year from the date of joining with a provision of extension for a maximum period up to four years or termination of the project, whichever is earlier, based on performance.

1. Name of the temporary assignment : 1) Research Assistant 1 post/s
2. Name of the temporary research project : Deep neural network and FET based sensors for early detection of diseases through human breath (Project Code – R/AEB)
3. Name of the Sponsoring Agency : IIT KHARAGPUR AI4ICPS I HUB FOUNDATION
4. Consolidated Compensation (per month) : 1) Rs. 30000 - The previous research fellow under junior research assistant, who has joined in this position now resigned to pursue postdoc position in abroad. To run this project hassle free, urgently required a new research fellow and to ensure the final project deliverables. /- (depending on qualification and experience)

5. Qualifications & Experience :

1) Rs. B.E./ B.Tech degree in Electronics with minimum 70% aggregate marks (CGPA \geq 7.5/10) in UG to qualify under GEN/OBC category and minimum 65% aggregate marks (CGPA \geq 7.0) for candidates under SC/ST/PwD category along with 5 years of research experience.

M.Tech./PhD in Electronics.

Hands on experience on lithography, sputtering, Metallization.

or

In-depth knowledge of material characterization, basic electrochemical sensing and instruments. Processing techniques. /-

The qualifications and experience prescribed are the minimum and mere possession of the same does not entitle a candidate to be called for the interview.

(Rajarshi Banerjee)