



INDIAN INSTITUTE OF TECHNOLOGY
KHARAGPUR – 721 302, INDIA
Sponsored Research and Industrial Consultancy

ADVERTISEMENT NO. : IIT/SRIC/R/LDA/2026/106, DATED 2026-09-03

Applications are invited through online for the following assignment in a purely time bound research project undertaken in the Department of Mechanical Engineering of this institute.

- Name of the temporary assignment : 1) Microneedle / Biosensor Developer, No. of post: 1.
Name of the temporary research project : Low-Cost Indigenous Automated Insulin Delivery (AID) System
(Project Code – R/LDA)
Dept./Centre/School : 1) Mechanical Engineering
PI/Co-PI : Prof./Dr. Suman Chakraborty
Application fee(In Rs.) : General / Male / OBC: 0
, Female : 0, SC/ST: 0
Last date of application : September 17, 2026
Name of the Sponsoring Agency : Dr. Anil Shah(5020 COPADEORO, Anaheim, CA 92807)
Consolidated Compensation (per month) : 1) upto 82000
(depending on qualification and experience)

Qualifications & Experience : 1)
Essential Qualification :
1) Ph.D. or M.Tech./M.Sc. in Electrochemistry, Materials Science, or
Biomedical Engineering.
2) Hands-on experience in electrochemical biosensor fabrication, CV, EIS, and
amperometric measurement.
3) Experience with enzyme immobilisation and biocompatible polymer
coatings.

Desired Experience :
Experience with subcutaneous or implantable sensor fabrication.
Familiarity with Prussian Blue electrodeposition and Nafion film
characterisation.
Knowledge of ISO 15197 accuracy requirements and ISO 10993
biocompatibility testing.

Age Limit : 35 years. Age rules may be relaxed upon fulfilling sponsor agency
rules if any.

Tenure : 12 Months or the termination of the project, whichever is earlier.

Note:1. 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.
2. Age as on last date of advertisement.

Application fee shall be deposited in the following bank account through RTGS/NEFT/NET Banking etc. as under:

1).BANK NAME: STATE BANK OF INDIA(00202);2).BANK ADDRESS: P.O:KHARAGPUR
TECHNOLOGY,DIST:MIDNAPORE;WEST BENGAL-721302;3).NAME OF BANK A/C: IIT SRIC-OM
Account;4).ACCOUNT NO: 39502115210;5).IFSC CODE: SBIN0000202;6).SWIFT CODE: SBININBB339;
The transaction details(UTR No./Transaction ID etc.) should be mentioned in the Application Form.