



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

ADVERTISEMENT NO. : IIT/SRIC/R/LDA/2026/102, 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) Postdoctoral Researcher-Device Design, Microfabrication and Electrochemical Biosensing, 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 62000
(depending on qualification and experience)
- Qualifications & Experience : 1)
Essential Qualification :
1) PhD related to device design, microfabrication, electrochemical biosensing or related field, with publications.
2) Hands-on CAD-based device design and experience in at least two of: microdevice fabrication, high-resolution additive manufacturing, electrochemical biosensors, thin-film deposition, printed electronics or microfluidics.
3) Experience with electrochemical instrumentation and data analysis.
- Desired Experience :
AutoCAD/SolidWorks/Fusion 360.
SLA/DLP/two-photon resin 3D printing.
Sputtering/evaporation, surface functionalisation, screen/inkjet printing.
Sensor interfacing, PCB design, microscopy/profilometry.
- Age Limit : 30 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.