



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

ADVERTISEMENT NO. : IIT/SRIC/R/LDA/2026/103, 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) Electronics / PCB Engineer, 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 22000
(depending on qualification and experience)

Qualifications & Experience : 1)
Essential Qualification :
1) B.Tech. in Electronics/Electrical Engineering with minimum 1 years or
Diploma with minimum 2 years of PCB design experience (Altium, KiCad, or
Eagle).
2) Experience with BLE SoCs (STM32, ESP32, nRF52), motor drivers, and
analogue AFE ICs.
3) Hands-on SMT soldering of fine-pitch packages (QFN, WSON) and bench
instrument proficiency.

Desired Experience :
Experience with flex-rigid PCB design and medical device hardware.
Knowledge of LiPo battery management circuit design and EMI management
on multi-layer boards.
Familiarity with LMP91000 or similar electrochemical AFE configuration.

Age Limit : 28 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.