



भारतीय प्रौद्योगिकी संस्थान दिल्ली
Indian Institute of Technology Delhi
Hauz Khas, New Delhi – 110016. Website : www.iitd.ac.in

Advt. No. E-II/02/2022 (DR)

ONLINE applications are invited from the Indian Nationals for filling up the following post on Direct Recruitment basis: -

S. No.	Grp.	Name of the post	Deptt./ Centre/ Section/ Unit	No. of vacancies	Age limit (as on the last date of Advertisement)	Pay Scale & Matrix as per 7 th CPC
01.	C	Senior Laboratory Assistant	Department of Biochemical Engineering & Biotechnology (DBEB)	01 (UR)	30 years	Rs. 29200-92300/- Level 5 of Pay Matrix as per 7th CPC

Prescribed Educational and other qualifications required:

01. Senior Laboratory Assistant

Essential:

1. Master's Degree or B.E/B.Tech. or equivalent qualification in Electrical Engineering, Electronics, Instrumentation, Design, Mechatronics, Mechanical Engineering, Chemical Engineering, Physics or allied fields, **with** a minimum of 55% marks in the qualifying degree from a recognized University/Institute.

OR

Bachelor's Degree in Electrical Engineering, Electronics, Instrumentation, Design, Mechatronics, Mechanical Engineering, Chemical Engineering, Physics or allied fields, **with** a minimum of 55% marks in the qualifying degree from a recognized University/Institute **with** 02 years relevant experience in the Pay Level 3 as per 7th CPC (Grade Pay of Rs. 2000 as per 6th CPC) or equivalent.

OR

Three years Diploma in Engineering/Applied Sciences or equivalent qualification in Electrical Engineering, Electronics, Instrumentation, Design, Mechatronics, Mechanical Engineering, Chemical Engineering, Physics or allied fields (after 10+2), **with** a minimum of 55% marks in the qualifying degree from a recognized University/Institute **with** 03 years relevant experience in the Pay Level 3 as per 7th CPC (Grade Pay of Rs. 2000 as per 6th CPC) or equivalent.

2. Proficiency in the use of a variety of computer office applications, M.S. Word, Excel, Power-point or equivalent is a must.

Desirable Qualifications:

The person in this position is expected to fulfil the following responsibilities:

1. Develop hardware and software for acquisition, manipulation, and display of real-time data acquired from bioreactors and various analytical instruments.
2. Work with UG and PG students on do-it-yourself (DIY) projects involving low-cost fabrication of high-end instrumentation (e.g., automatic samplers, microinjection systems) using papers published in journals such as *Hardware X*.
3. Assess cause of breakdown of instruments due to electronic or electrical malfunction, as well as repair them to the extent possible.

It is therefore desirable that the applicant has at least 3 years of hands-on experience in:

1. Design of hardware and software for real-time data acquisition using suitable tools, the examples of which include LabVIEW, Raspberry Pi, ATmega microcontrollers, ESP32, etc.
2. Mechatronics based design and fabrication/functional prototyping with appropriate digital fabrication techniques, the examples of which include 3D printers, laser cutting, water jet cutting, CNC routers, PCB design and fabrication, etc.

It is also desirable that all applicants come for the written test with a portfolio describing their experience in hardware-software design and mechatronics. Candidates shortlisted for the practical exam will be asked to provide this portfolio before the practical exam begins.

GENERAL INSTRUCTIONS TO NOTE:-

- 1) Candidates should carefully read the requisite minimum essential qualifications, age and eligibility, experience criteria etc. laid down in the advertisement before applying for this post. Since all the applications will be screened on the basis of data submitted by the candidate in the online application form, the candidates must satisfy themselves of the suitability for the position to which they are applying. If at any stage during the recruitment and selection process, it is found that candidates have furnished false or wrong information, their candidature will be rejected.
- 2) Application once submitted cannot be altered / resubmitted, under any circumstances. Further, no request with respect to making changes in any data/ particulars entered by the candidate in the Online Application will be entertained, once the application is submitted successfully. Applicants should keep all data/details handy before starting submission of online application.
- 3) In addition to the Matrix as per 7th CPC as mentioned against the post, the post carrying the usual allowances at par with those admissible under IIT Delhi rules in the corresponding Pay Matrix.
- 4) The minimum qualifying marks each for Written and Trade/Computer Test will be 60%. Only the candidates who will qualify the Written Test will be called for Trade/Computer Test of the selection process. However, actual selection shall depend on the merit over and above this minimum level as determined by the Selection Committee.

- 5) Rs.200/- (Rupees two hundred only) must be paid through the recruitment portal payment gateway. The application is considered as a submitted application only after the payment of fees. The fee once paid will not be refunded or re-adjusted under any circumstances. No fee is required for SC/ST, PwD category & Woman Candidates.
- 6) Fulfillment of qualifications and experience is an essential requirement. The candidate will be called for Written Test / Trade Test / Computer Test, as stated above while progressing ahead in the stage(s) of recruitment / selection, following the standards in general. As stated, where applications received are in excess of the number of posts advertised for the vacant posts, the Scrutiny / Shortlisting Committee may formulate additional criteria for shortlisting, based on academic performance and/ or years of experience of the applicants or it may so decide and the shortlisted applicants will be called for Written Test/ Trade Test / Computer Test and subsequent steps as applicable on qualifying the same as per decision of the Institute.
- 7) IIT Delhi reserves the right to increase or decrease the number of advertised posts at the time of selection. Further, IIT Delhi also reserves the right to fill or NOT to fill any of the posts advertised, in the event or exigency so decided by the Institute.
- 8) In case of any dispute / ambiguity / confusion that may occur in the process of selection, the decision of the Director, IIT Delhi shall be final.
- 9) The Institute may also conduct Written Test / Trade Test/ Computer Test for the shortlisted candidates in a phased manner.
- 10) Age Limit: For employees of IIT's who are educationally qualified can be considered for direct recruitment across the whole IIT system up to a maximum of 50 years of age.
- 11) Outstation candidates called for Written Test/ Trade/Computer Test will be paid 2nd Sleeper Class Railway fare from the place of duty/residence to Delhi and back by the shortest route. The reimbursement of admissible amount will be made through transfer to their Bank Account on submission of NEFT details by the concerned candidate, and no cash will be paid on the spot.
- 12) The reservations/ relaxations, if any, and the percentage thereof, for PwD / Ex-servicemen will be as per current Central Govt. Orders.
- 13) The selected candidate will be liable to serve on any of the campus of the IIT Delhi.
- 14) The age of superannuation is 60 years.

- 15) (a) The candidates are required to apply **ONLINE** only from **28.02.2022 to 31.03.2022 upto 05:00 P.M.**
Both dates are inclusive.
- (b) For submission of application through ONLINE MODE, please visit **Institute's website:**
1. Direct Link: <https://ecampus.iitd.ac.in/IITDSR-0/login>
 2. Alternatively: <http://www.iitd.ac.in/jobs-iitd/index.html>
- (c) Persons serving in Govt./Semi-Govt./PSUs/Autonomous Organization, should send the printout of completed application THROUGH PROPER CHANNEL, failing which such persons shall be required to produce NOC at the time of Written/ Trade/ Computer Test, provided they must have sent an Advance Copy to **the Recruitment Cell, Room No. 207/C-7, Adjoining to Dy. Director (Ops)'s Office, IIT Delhi, Hauz-Khas, New Delhi – 110016.**
- (d) Incomplete application will be summarily rejected.
- 16) Other Terms and Conditions shall be as per Recruitment and Promotion Rules (R&PRs) of IIT Delhi and the Government of India Rules and orders as applicable to the Institute.
- 17) No correspondence or query will be entertained from the candidates regarding the eligibility, status of application, postal delays, conduct and result of tests, selection process etc.
- 18) The list (indicating only the Registration numbers) of Shortlisted and Non-Shortlisted candidates will be displayed on Institute Website viz. <https://home.iitd.ac.in/jobs-iitd/index.php> after the shortlisting of the candidates process is completed. The applicants must keep a continuous tab on this website for his/her shortlisting/non-shortlisting. Representations on the shortlisting, if any, must reach the Institute within a period of 10 (ten) days from the date of publication of such lists, on the email e2recruit@admin.iitd.ac.in .