Subject: Regarding recruitment for the post of Senior Laboratory Assistant for Department of Biochemical Engineering & Biotechnology (DBEB) at IIT Delhi.

The Institute vide Advt. No. E-II/02/2022 (DR) had invited online applications for filling-up 01 post (UR) of Sr. Lab. Asstt. in Level 5 of Pay Matrix as per 7th CPC for DBEB, IIT Delhi. The Shortlisting Committee has scrutinized the applications of the candidates in the light of Prescribed Educational and other qualification required and the ‘General Terms and Conditions’ of the advertisement for this post.

The following was the minimum advertised criteria:

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.

Attached are 03 lists (indicating only the Application Reference Numbers) (1) Shortlisted candidates, (2) Not-Shortlisted candidates with reasons for their not shortlisting and (3) Candidates who had not paid the requisite application fee and as such were not eligible for consideration.

For the candidates who have been declared Shortlisted for this post, the Institute will send them the Admit Card along with Syllabus for Written and Trade/Computer Tests in due course of time.

All candidates are requested to go through these lists and representations, if any from Not-Shortlisted candidates, should reach till 02.09.2022, on the email e2recruit@admin.iitd.ac.in. No correspondence or queries in this regard will be entertained after 02.09.2022, whatsoever the case may be.