

## CENTRE FOR BIOCHEMICAL TECHNOLOGY

(Council of Scientific and Industrial Research)

Delhi University Campus, Mall Road,  
Delhi 110 007

### Advertisement no. 1/2001

The Centre for Biochemical Technology (CBT) has rapidly transformed from a singular laboratory working in the area of biochemical research to a network laboratory leading to the formation of a virtual institute of Genomics and modern biology. In the recent years an interactive programme involving molecular biologists, cell biologists, immunologists, bio-organic chemists, molecular geneticists and information technologists along with the medical scientists from various institutions in the country has been undertaken to make use of the knowledge derived from new biology of genomics.

CBT invites applications from the Indian citizens who dare to dream of highest scientific accomplishments in an Indian Laboratory with strong research aptitude, proven record of scientific achievements and scientific leadership in the following expertise areas:

- i. Human molecular genetics and functional genomics technology.
- ii. Eukaryotic genome analysis.
- iii. Comparative genomics & gene expression analysis, DNA microarray application.
- iv. Proteomics technology, protein expression and vector design for gene therapy.
- v. Structural genomics: Protein crystallography and computer modelling for drug target development and protein-protein interaction.
- vi. Structural biology: Spectroscopy of biomolecules and scanning probe & confocal microscopy.
- vii. Computational biology, pathway modelling, biomolecular conformation.
- viii. Genome informatics: Genome sequence analysis, software development and database management.
- ix. Microbial genomics & host-pathogen interaction.
- x. Oligonucleotide microarray, DNA chip and Biosensor technology.

#### Level of recruitment

Scientist EII/EI     5 posts  
Scientist C            3 posts

The essential qualifications and other details are mentioned against each post:

#### 1. Scientist EII [Group IV(4)]

**Scale of pay:** Rs 14300-400-18300

**Age limit:** 40 years

**Essential qualifications and experience:** Ph.D. with 7 years experience or MS/MD with 8 years experience or First Class M.Sc. in Physics/Chemistry/Genetics/Biology/Life Sciences or equivalent or First Class MBBS/MVSc, with not less than 65% marks; and 10 years experience.

**Desirable:** Having leadership qualities and potential of leading a group in the above mentioned areas (i) to (vii). Having published original findings in internationally reputed journals of high impact or leading to international patents. Experience in high throughput environment and business driven R&D will be an added advantage.

**Job description:** The incumbent is expected to provide scientific leadership to a group working in various facets of functional genomics, and to establish new group and facilities for developing cutting edge technology in the areas as mentioned above.

#### 2. Scientist EI [Group IV(3)]

**Scale of pay:** Rs 12,000-375-16,500

**Age limit:** 40 years

**Essential qualifications and experience:** Ph.D. with 4 years experience or MS/MD with 5 years experience or First class M.Sc. in Physics/Chemistry/Genetics/Biology/Information Sciences/Computer Sciences/Life Sciences or First class MBBS/MVSc with not less than 65% marks; and 7 years experience.

**Desirable:** Ability to lead active research in above mentioned areas (i) to (vii). Having published original findings in internationally reputed journals of high impact or leading to international patents.

**Job description:** The incumbents are expected to plan and conduct active research in the areas as mentioned above.

#### 3. Scientist C [Group IV(2)]

**Scale of pay:** Rs. 10,000-325-15200

**Age limit:** 35 years

**Essential qualifications and experience:** Ph.D. with 1 year experience or MS/MD with 2 years experience or First class M.Sc. in Physics/Chemistry/Biochemistry/Microbiology/Biotechnology/Genetics/Life Sciences or equivalent or First class MBBS/MVSc. with 4 years experience in the use of techniques in molecular biology/molecular genetics/molecular immunology.

**Desirable:** Having leadership qualities and potential of planning, organizing and carrying out independent research/assist the existing group, in the above mentioned areas (viii) to (x). Having published research papers in internationally reputed journals or leading to international patents.

**Job description:** The incumbent is expected to actively contribute in the ongoing R&D projects in the areas mentioned above and participate in planning and coordinating research activities.

**Note:** (a) Applicants for serial no. 1 and 2, may be considered for lower positions if found not-suitable for the position applied at the discretion of the selection committee.

(b) If suitable candidates are not found for posts at serial no. 1 and 2, these positions may be filled from the applicants of serial no. 3 at the level of scientist C [Group IV(2)] at the discretion of the selection committee.

**General conditions:**

1. (a) Application form may be downloaded from our website: [www.cbt.res.in](http://www.cbt.res.in)  
Application form may also be obtained on request from the Administrative Officer, Centre for Biochemical Technology, Mall Road, Delhi 110 007 by sending a self-addressed envelope of the size of 23 × 11 cm affixed with postage stamps of Rs 8/-.  
(b) Candidate residing abroad may also apply on plain paper giving details of name, date of birth, educational qualifications, research publications, experience, atleast three testimonials, 6 names of referees, etc.
2. Candidate should clearly express if she/he should be considered for more than one post and indicate the area of expertise (i to x).
3. The number of vacancies indicated against each category is provisional and may vary at the time of selection.
4. The upper age limit will be reckoned as on 15 October 2001.
5. The period of experience mentioned against the above said posts shall be counted from the date of acquiring the prescribed minimum educational qualifications.
6. The positions carry usual allowances as admissible to Central Government employees of the same pay and status stationed at Delhi.
7. Candidates appearing for interview will be paid single second class rail fare including reservation to and fro by the shortest route from the place of residence/actual departing station whichever is nearer to Delhi/New Delhi.
8. Candidates from abroad appearing for interview will be paid single second class rail fare including reservation charges to and from by the shortest route from the place of landing/disembarkment in India to Delhi/New Delhi.
9. Candidates of Indian origin settled abroad who are of proven merit as evidenced by their research work may be considered by the selection committee in absentia.
10. Relaxation in age limit, qualification and/or experience in case of exceptionally meritorious candidates (both departmental and outsiders) may be allowed with the prior approval of the competent authority.
11. Completed applications in all respects, supported by attested copies of certificates of educational qualifications, experience certificates, community certificate (in the case of SC/ST/OBC), etc. should be sent to the Administrative Officer, Centre for Biochemical Technology, Delhi University Campus, Mall Road, Delhi 110 007 **so as to reach on or before the closing date 15 October 2001.**
12. Rs 25/- Demand Draft valid for atleast 3 months, drawn in favour of Director, Centre for Biochemical Technology, payable at Delhi (at the back of the DD indicate your name and date of birth) should be appended along with the application. SC/ST candidates and regular employees of CSIR are exempted from payment. Candidates applying from outside India have to pay if called for interview.
13. Applications from employees of Government/Semi-Govt. Departments and Public Sector Undertakings will be considered only if forwarded through proper channel, certified by the employer that the applicant will be relieved within one month of the receipt of the appointment orders, if selected. However, advance copy of the application may be submitted before the closing date, ensuring that the application routed through proper channel reaches this Centre before closing date.
14. Candidates should specifically note that the applications received after the closing date for any reason whatsoever (such as envelopes wrongly addressed, delivered elsewhere, postal delay, etc.) will not be entertained by this Centre. No representation in this regard will be entertained.
15. Incomplete application in any respect will be summarily rejected.
16. Mere fulfillment of essential educational qualifications and experience does not entitle a candidate to be called for interview.
17. Canvassing in any form or bringing of any influence, political or otherwise, will be treated as a disqualification.
18. The decision of Director, CBT in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, conduct of interview will be final and binding on the candidates and no enquiry or correspondence will be entertained in this connection from any individual or his/her agency.

Administrative Officer, CBT