



नवोन्मेषी एवं अनुप्रयुक्त जैव - प्रसंस्करण केंद्र (सी०आई० ऐ० बी०)

जैव प्रौद्योगिकी विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय (भारत सरकार)

CENTER OF INNOVATIVE AND APPLIED BIOPROCESSING

Dept. of Biotechnology, Ministry of Science & Technology (Govt. of India)
Sector-81 (Knowledge City), PO-Manauli, SAS Nagar, Mohali -140306 (Punjab)

वेबसाइट/Website: www.ciab.res.in; Tel: 0172-5221400

Advertisement No: CIAB/64/2022-Rectt.

Last date of receiving applications: 10th February, 2022

Application format, details of the vacancies etc. can be downloaded from the institute website: www.ciab.res.in under heading "Vacancies".

Center of Innovative and Applied Bioprocessing (CIAB) is an autonomous national institute under Department of Biotechnology (Govt. of India). This futuristic innovation institute of its own kind in the country has a mission of advancing knowledge, leads and emerging technologies/processes relevant to agri-food sector towards applications and products. It aims to link them with societal benefits through catalysing/promoting entrepreneurial action around bioprocesses, bio-products, value-addition to bioproducts etc. with special reference to the agri-food sector. Currently, the four major mandated R&D areas in hand at the institute are (A) Value Addition to Primary Processing Residues/ Wastes for Edible Products; (B) Valorisation of Crop Waste for Speciality Products and Chemicals; (C) Nutritionals, nutraceuticals and upgradation of value or use of bio-products, (D) Biosynthetic technology/synthetic biology for low volume-high value products and industrial enzymes. To support and steer this mission, the institute requires following temporary research positions on stipendary / fellowship basis:

(A) FELLOWSHIPS FUNDED BY CIAB FOR INTERNAL R&D PROJECTS/ACTIVITIES

1. Research Associate (Chemical Engineering) – One position

Age limit – 35 Years

Fellowship – Rs. 47,000/- per month + HRA as admissible

Tenure: One Year.

Qualifications: Ph.D in Chemical Engineering/Biochemical Engineering/Environmental Engineering from a recognized University/Institute having at least one research paper in Science Citation Indexed (SCI) journal.

OR

M.E./M.Tech. in Chemical Engineering/Biochemical Engineering with three years' experience in industry/research/teaching and having at least one research paper in Science Citation Indexed (SCI) journal.

Note: B.E./B. Tech. should be in Chemical Engineering/Biochemical Engineering.

(B) FELLOWSHIPS UNDER EXTERNALLY FUNDED PROJECTS AT CIAB, MOHALI

1. Project Associate – One Position

Project Title – "Lignin nanoparticles as smart delivery vehicles for ginseng assisted treatment of microbial infection".

Funded by – Korean Society of Ginseng.

Principal Investigator – Dr. Jayeeta Bhaumik, Scientist-E

Age limit – 28 Years

Tenure – Six months, extendable for another six months subject to satisfactory progress, project needs and financial provisions.

Fellowship – Rs. 25,000/- consolidated.

Essential Qualifications – M.Sc. in Chemistry (any discipline) or M.S. (Pharm.)/M.Tech. in Medicinal Chemistry/Process Chemistry/Pharmaceutical Technology/Biotechnology/Nanotechnology or equivalent degrees in relevant fields from a recognized University/Institute.

2. Junior Research Fellow – One Position

Project Title – “Development of D-allulose based nanoformulations for enhanced stress tolerance and increased crop productivity”.

Funded by – Department of Biotechnology (Govt. of India).

Principal Investigator – Dr. Sudhir Pratap Singh, Scientist-D

Age limit – 28 Years

Duration of the project – Three years

Tenure – One year, extendable (post-evaluation) for subsequent two more years subject to satisfactory progress, project needs and financial provisions.

Fellowship – Rs. 31,000/- + (HRA as admissible or Hostel Facility, if available).

Essential Qualifications –

- (i) M.Sc. in Biotechnology/Biochemistry or M.E./M.Tech. in Biotechnology from a recognized University/Institute and
- (ii) NET/GATE or any other relevant equivalent nature of test qualified.

3. Junior Research Fellow – One Position

Project Title – “Valorization of agricultural fatty acid byproducts for the biosynthesis of industrially important bioplastic monomers using multi-enzyme cascades”.

Funded by – Department of Biotechnology (Govt. of India) under M. K. Bhan Young Researcher Fellowship Program (MKB-YRFP).

Principal Investigator – Dr. Mahesh D. Patil

Age limit – 28 Years

Tenure – One year, extendable (post-evaluation) for subsequent two more years subject to satisfactory progress, project needs and financial provisions.

Fellowship – Rs. 31,000/- + (HRA as admissible or Hostel Facility, if available).

Essential Qualifications –

- (iii) M. E. / M. Tech./ M. Pharma in Biotechnology/Microbial Biotechnology/Pharmaceutical Biotechnology/Biochemical Engineering or equivalent degrees in relevant fields from a recognized University/Institute and
- (iv) NET/GATE/GPAT or any other relevant equivalent nature of test qualified.

Application Procedure

The interested candidates may send their filled-in application form (available on institute's website) along with self-attested photocopies of relevant education, experience, caste (if applicable) certificates by e-mail only to: ciab642022@gmail.com latest by **10th February, 2022**. **Only shortlisted candidates will be called for interview through video-conferencing mode.**

Please note that no hard copy of application is required at this stage.

Process of Engagement

The applications received will be screened by a committee for shortlisting the candidates for interview. The eligible applicants would be interviewed by a duly constituted committee through video-conferencing mode. The committee would recommend the candidates, if found suitable, for consideration of the competent authority for engagement on purely on Fellowship/Stipendiary basis. Provisions of registration for Ph.D exist at Universities/Institutes having MoU with CIAB subject to scholar's tangible performance, promise, academic suitability, etc.

General Conditions

1. Incomplete applications and applications that are not in proper format may be summarily rejected.
2. The above research opportunities are open only to Indian Nationals.
3. **Candidates applying for more than one position, should submit separate applications for each position.**

Important

- The applications should be submitted in the prescribed format that can be downloaded from the CIAB website: www.ciab.res.in.
- Completed applications along with self-attested photocopies of all the relevant educational, experience, caste (if applicable) certificates should be sent by e-mail only to: ciab642022@gmail.com **latest by 10th February, 2022.**
- Please note that no hard copy of application is required at this stage.
- All the positions are based at Mohali, Punjab but some works may be assigned to be carried out at outstations also.
- Number of positions may vary.
- Relaxation of age for various categories (including woman candidates) shall be as per rules of DST and other Government of India agencies.
- If in any area no suitable candidate is found, no selection would be made in that case.
- Candidates found eligible after scrutiny of applications, shall be required to appear before a Selection Committee through video-conferencing mode. Kindly note that in case there are substantial number of applicants, the Chief Executive Officer, CIAB reserves the right to devise such criteria as deemed fit to shortlist the candidates for the interview. The decision of the CEO, CIAB shall be final and binding on all in this respect.

(Chief Executive Officer)