



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/81/2023-Rectt.

Walk-in-Interview on 11-08-2023

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 stipendiary / fellowship basis:

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

1. Junior Research Fellow / Research Associate (Chemical/Nano Science) - One position

Age limit– 28 Years for Junior Research Fellow

35 Years for Research Associate

Fellowship – Rs. 31,000/- per month + (HRA as admissible or Hostel facility, if available) for JRF

Rs. 47,000/- per month + (HRA as admissible or Hostel facility, if available) for RA

For JRF

(a) **Tenure:** One Year, extendable on annual basis for subsequent years subject to satisfactory progress, institutional needs and financial provisions.

(b) **Qualifications:**

(i) Master's Degree in Chemical Sciences / Biological Sciences / Pharmaceutical Sciences from a recognized University / Institute

and

(ii) NET / GATE / GPAT any other relevant equivalent nature of test qualified.

For Research Associate

(a) **Tenure:** Six months, extendable for subsequent period subject to satisfactory progress, institutional needs and financial provisions.

(b) Qualifications: Ph.D. in Chemical Sciences / Biotechnology / Chemical Engineering from a recognized University / Institute and having at least one first-author research publications in Science Citation Indexed (SCI) journal.

Desired Experience

Biomass valorization, nanotechnology, biomaterial development.

2. Junior Research Fellow / Research Associate – One position

Age limit– 28 Years for Junior Research Fellow
35 Years for Research Associate

Fellowship – Rs. 31,000/- per month + (HRA as admissible or Hostel facility, if available) for JRF
Rs. 47,000/- per month + (HRA as admissible or Hostel facility, if available) for RA

(a) Tenure: One Year, extendable on annual basis for subsequent years subject to satisfactory progress, institutional needs and financial provisions.

(b) Qualifications:

For JRF

(i) M.E. / M. Tech. / B.Tech. / B.E (Bioprocess / Biochemical / Chemical / Biotechnology) from a recognized University / Institute or M.Sc. (Microbiology / Biotechnology) from a recognized University / Institute

and

(ii) NET / GATE / GPAT any other relevant equivalent nature of test qualified.

For Research Associate

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

OR

M.E./ M.Tech. in Chemical Engineering / Biochemical Engineering / Environmental Engineering / Biotechnology from recognised University/ Institute with three years' experience in industry / research / teaching.

Desired Experience

Agro waste valorization/ Biomass valorization, Process development of biomaterial.

3. Senior Research Fellow - One position

Age limit– 32 Years

Fellowship– Rs. 35,000/- per month + (HRA as admissible or Hostel facility, if available)

(a) Tenure: One Year, extendable on annual basis for subsequent years subject to satisfactory progress, institutional needs and financial provisions.

(b) Qualifications:

- (i) M.Sc. in Chemistry / Biochemistry / Material Science / Biotechnology / Life Sciences from recognized University / Institute,
- (ii) NET / GATE / any other relevant equivalent nature of test qualified and
- (iii) Two years of relevant research experience in material characterization.

4. Senior Research Fellow - One position

Age limit– 32 Years

Fellowship– Rs. 35,000/- per month + (HRA as admissible or Hostel facility, if available)

(a) Tenure: One Year, extendable on annual basis for subsequent years subject to satisfactory progress, institutional needs and financial provisions.

(b) Qualifications:

- (i) M.Sc. / M. Tech. in Biotechnology from a recognized University / Institute,
- (ii) NET / GATE / any other relevant equivalent nature of test qualified and
- (iii) Two years of relevant research experience in the area of molecular biology / biotechnology.

Preferable: One research paper (SCI)

5. Junior Research Fellow (Bioprocessing/ Food Engineering) - One position

Age limit: 28 Years

Fellowship: Rs. 31,000/- per month + (HRA as admissible or Hostel facility, if available)

(a) Tenure: One Year, extendable on annual basis for subsequent years subject to satisfactory progress, institutional needs and financial provisions.

(b) Qualifications:

- (i) M.E. / M. Tech./ B.Tech/ B.E (Bioprocess / Biochemical / Chemical / Biotechnology / Food Technology) from a recognized university/institute **OR** M.Sc. (Microbiology / Food Science / Biochemistry / Biotechnology) from a recognized University / Institute

and

- (ii) NET / GATE / any other relevant equivalent nature of test qualified.

Application Procedure

The interested candidates may appear for a Walk-In-Interview **on 11-08-2023** along with the application form available on the website www.ciab.res.in. The duly filled application form must be submitted at the time

of the registration from **09:00 AM to 10:30 AM on 11-08-2023**. The candidates must ascertain their eligibility before applying, as ineligible candidates would not be interviewed.

Process of Engagement

The eligible applicants would be interviewed by a duly constituted committee. The committee would recommend the candidates, if found suitable, for consideration of the competent authority for engagement on purely on Fellowship/Stipendiary basis.

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 photocopies of all the relevant educational and experience certificates are to be submitted at the time of registration at Center of Innovative and Applied Bioprocessing (CIAB), Sector-81 (Knowledge City), Manauli P.O., S.A.S. Nagar, Mohali - 140306, Punjab from **09:00 AM to 10:30 AM on 11-08-2023**.
- 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.
- No TA/DA etc. would be paid for attending the walk-in-interview.
- Candidates should bring their original documents for verification and one set of photocopy (for submission) of their all relevant certificates related to education, experience, publications, thesis/dissertations etc. at the time of interview.
- Candidates found eligible after scrutiny of applications post registration, shall be required to appear before a Selection Committee. 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. If required, a written test may also be conducted to short-list candidates. The decision of the CEO, CIAB to conduct a written test shall be final and binding on all in this respect.

(Chief Executive Officer)