



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/95/2024-Rectt.

Walk-in-Interview on 28-06-2024

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:

FELLOWSHIPS UNDER EXTERNALLY FUNDED PROJECTS AT CIAB, MOHALI

Project Title: Lignin valorization via biomaterial development, depolymerization and green technology

Funding Agency: Department of Biotechnology (Govt. of India).

Duration: 3 years

Project Coordinator: Dr Jayeeta Bhaumik

Project Investigators: Dr. Jayeeta Bhaumik, Dr. Saswata Goswami, and Dr. Sasikumar Elumalai

(A) Work Area: Lignin valorization via biomaterial development.

1. Junior Research Fellow - One position

Age limit- 28 Years for Junior Research Fellow

Fellowship - Rs. 37,000/- 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) Master's degree from a recognized University/Institute: M.Sc. (Chemistry (any discipline) / Biotechnology/Microbiology or related field), M. Pharm / M.S. Pharm (Biotechnology/Medicinal/Pharmaceutical/Process Chemistry), B.E./B.Tech./M.E. / M. Tech. (Biotechnology) or relevant discipline to the project title;

And

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

2. Research Associate- 1 position

Age Limit: 35 years

Fellowship: 58,000/- per month + (HRA as admissible or Hostel facility, if available)

(a) Tenure: 1 year, extendable on an annual basis for a subsequent period subject to satisfactory progress, institutional needs, and financial provisions.

(b) Qualifications:

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

(c) Desired experience: Biomass valorization, nanotechnology, biomaterial development.

(B) Work area: Value additive product development from lignin

3. Junior Research Fellow – 1 position

Age limit– 28 Years for Junior Research Fellow

Fellowship – Rs. 37,000/- 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 Microbiology/ Chemistry (any discipline) or Biotechnology or B.E/B,Tech./M.E./ M.Tech. in Pulp and Paper Engineering / Chemical Engineering / Biochemical Engineering / Environmental Engineering /Biotechnology from recognised University/ Institute / University

And

(ii) NET / GATE / CSIR/UGC or any other relevant/equivalent nature of test qualified.

4. Research Associate- 1 position

Age limit– 35 Years for Research Associate

Fellowship – Rs. 58,000/- per month + (HRA as admissible or Hostel facility, if available)

(a) Tenure – 1 year, extendable on an annual basis for a subsequent period subject to satisfactory progress, institutional needs, and financial provisions

(b) Qualifications:

Ph.D in Chemical Engineering / Biochemical Engineering / Environmental Engineering / Polymer and Process Engineering/ Biotechnology/ Life Sciences/ Biological Sciences/ Chemical Sciences 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 / Pulp and Paper Engineering/ Biotechnology from a recognized University/ Institute with three years experience in industry/research/teaching.

Desired Experience- Agro waste / Biomass valorization, Process development of biomaterial

(C) Work area: lignin depolymerization for aromatic bulk chemicals

5. Junior Research Fellow – 1 position

Age Limit: 28 years

Fellowship: 37,000/- per month + (HRA as admissible or Hostel facility, if available)

(a) Tenure: 1 year, extendable for a subsequent period subject to satisfactory progress, institutional needs, and financial provisions.

(b) Qualifications:

(i) Master's degree from a recognized University/Institute: M.Sc. (Chemistry / Electrochemistry / Microbiology or related field), M. Pharm / MS Pharm (Medicinal/Pharmaceutical Chemistry), M.E. / M. Tech. (Chemical Engineering or Sciences) or relevant discipline to the project title;

And

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

6. Research Associate- 1 position

Age limit- 35 Years for Research Associate

Fellowship – Rs. 58,000/- per month + (HRA as admissible or Hostel facility, if available)

(a) Tenure: 1 year, extendable for a subsequent period subject to satisfactory progress, institutional needs, and financial provisions

(b) Qualifications:

Ph.D. in Chemical Sciences (Chemistry/Physical Chemistry/Electrochemistry)/Chemical Engineering from a recognized *University*/ Institute and having at least one first-author research publication in Science Citation Indexed (SCI) journal.

Desired experience: Catalyst synthesis, chemical catalysis.

Candidates who have submitted the PhD thesis are also encouraged to apply. However they will be paid SRF Salary until the successful defense of the thesis.

Application Procedure

The interested candidates may appear for a Walk-In-Interview on 28-06-2024 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 28-06-2024. 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.

The selected JRF candidates may be allowed to enroll for PhD program at IISER, Mohali / PU Chandigarh.

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.

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 28-06-2024.
- 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)