



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/62/2021-Rectt.

Last date of receiving applications: 29th July, 2021

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) Nutritional, 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 UNDER EXTERNALLY FUNDED PROJECTS AT CIAB, MOHALI

1. Research Associate – One position

Project Title – “Continuous-Flow Transformation of Biomass-Derived Oxygenates to Methyl vinyl glycolate with Sn-Beta Catalysts: A Study into Long-Term Stability and Deactivation of Sn-Beta”.

Funded By – Halder Topsoe, Denmark

Principal Investigator – Dr. S. Saravanamurugan, Scientist-E (Catalysis Chemistry)

Age limit – 35 Years

Duration of the project – Upto 04-04-2022

Fellowship – Rs. 47,000/- + (16% HRA or Hostel Facility, if available) per month

Qualifications –

Ph.D in Material Science and Engineering or Chemistry (Organic/Inorganic/Physical/Material) or Chemical Engineering or related areas in Material Science from a recognized University/Institute and having at least one research paper in Science Citation Indexed (SCI) journal.

Preferences – i) PhD thesis related to the synthesis of materials and their characterization with various techniques such as powder XRD, TEM, SEM, TGA, FTIR, XPS, physisorption analyser and chemisorption analyser.
ii) At least one-year post-doctoral experience.
iii) Having knowledge of zeolite and biomass transformations

Tenure of Fellowship: Initially three months, renewable on quarterly basis on satisfactory performance.

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 latest by **29th July, 2021**. **Only shortlisted candidates will be called for interview through video-conferencing mode.**

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.

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 self-attested photocopies of all the relevant educational, experience, caste (if applicable) certificates should be sent by e-mail only to: ciab622021@gmail.com **latest by 29th July, 2021**.
- 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)