



# 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](http://www.ciab.res.in); Tel: 0172-5221400

### Advertisement No: CIAB/67/2022-Rectt.

### Walk-in-Interview on 11-04-2022

Application format, details of the vacancies etc. can be downloaded from the institute website: [www.ciab.res.in](http://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 UNDER EXTERNALLY FUNDED PROJECTS AT CIAB, MOHALI

#### 1. Senior Project Associate / 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** – Haldor Topsoe, Denmark

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

**Age limit** – 35 Years

**Duration of the project** – Upto 23-07-2022

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

**Qualifications** –

#### (i) For Senior Project Associate

M.Sc. in Chemistry (General / Organic / Inorganic / Physical / others) from a recognized University / Institute with at least four years' experience in Research and Development in industry / academic / research institutions.

**Preferences:** Knowing the synthesis of materials and their characterization with various techniques such as powder XRD, TEM, SEM, TGA, FTIR, XPS, physisorption analyzer and chemisorption analyzer.

## **(ii) For Research Associate**

Ph.D in Material Science and Engineering or Chemistry (Organic/Inorganic/Physical/Material) 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

## **Application Procedure**

The interested candidates may appear for a Walk-In-Interview on **11-04-2022** along with the application form available on the website [www.ciab.res.in](http://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 11-04-2022**. **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. Provisions of registration for Ph.D exist at Universities 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.

## **Important**

- The applications should be submitted in the prescribed format that can be downloaded from the CIAB website: [www.ciab.res.in](http://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 11-04-2022.**
- 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)**