

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

(जैव प्रौद्योगिकी विभाग के तहत एक राष्ट्रीय संस्थान)

विज्ञान एवं प्रौद्योगिकी मंत्रालय (भारत सरकार)

CENTER OF INNOVATIVE AND APPLIED BIOPROCESSING

(A National Institute under Dept. of Biotechnology,
Ministry of Science & Technology, Govt. of India)

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



Walk-in-Interview on 28-03-2019

Advertisement No: CIAB/43/2019-Rectt.

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) JUNIOR RESEARCH FELLOWS (WITH OWN FELLOWSHIP)

1. Junior Research Fellow (Chemistry) – Two positions

Age limit – 28 Years

Fellowship – As per fellowship awarding agency

Qualifications – (i) M.Sc. in Chemistry (General / Organic / Inorganic / Physical / Others) from a recognized University / Institute and

(ii) having their own fellowship granted by CSIR/UGC/DBT/DST/ICAR/ICMR or other funding agencies.

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

1. Project Fellow – One position

Project Title – “Selective Transformation of Biomass-Derived Glycolaldehyde to C4-Sugars using Chemocatalysis”.

Funded By – Halder Topsoe, Denmark

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

Age limit – 35 Years

Duration of the project – One year

Fellowship – Rs. 25,000/- + (HRA as admissible or Hostel Facility, if available) per month

Qualifications – (i) M.Sc. in Chemistry (General / Organic / Inorganic / Physical / Others) from a recognized University / Institute.

OR

(ii) M.E. / M. Tech. (Chemical Engineering) from a recognized university/institute.

Preferences: Having knowledge/experience on biomass transformation with heterogeneous catalysis would be preferable.

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

2. Senior Research Fellow (Synthetic Biology/Biosynthetic Technology) – One position

Project Title – “Protein engineering and gene mining strategies for the development of thermo-acidic D-psicose 3-epimerase, useful in generating functional products”.

Funded By – Science and Engineering Research Board (SERB) under ECRA scheme of DST (Govt. of India).

Principal Investigator – Dr. Sudhir P. Singh

Age limit – 32 Years

Fellowship – Rs. 28,000/- + HRA as per DST norms

Qualifications – (i) M. Sc. in Life sciences (Biology/Biotechnology/Biochemistry/Microbiology) from a recognized institute / university with NET / GATE / any other relevant equivalent nature of test qualified.

OR

M. Tech. (Biotechnology) from a recognized University / Institute.

(ii) Two years of research experience.

Tenure – Till March 23, 2020 or cessation of operation and/or funding of the project by the project funding agency, whichever is earlier.

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

1. Research Associate (Chemistry) - CIAB – One position

Age limit – 35 Years

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

Tenure: One Year, extendable (post-evaluation) for subsequent years subject to satisfactory progress, institutional needs and financial provisions.

Qualifications: Ph.D[#] in Chemistry (Organic/Inorganic/Synthesis/Material) from a recognized University/Institute with dissertation in the area of photocatalytic systems and having at least one research paper in Science Citation Indexed (SCI) journal.

Assignment – To carry out research related to biomass-derived carbohydrates to furanic molecules using the as prepared photocatalyst, characterization of heterogeneous catalysts, catalysis kinetics, etc.

The candidates who have submitted Ph.D thesis will also be eligible for the position of Research Associate, but they would be treated as SRF and will be paid emoluments as applicable to SRF till successful completion of Ph.D thesis viva.

Application Procedure

The interested candidates may appear for a Walk-In-Interview on **28-03-2019** along with the application form (as per format for JRF/Project Fellow) 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 28-03-2019**. **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 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), Manuli P.O., S.A.S. Nagar, Mohali - 140306, Punjab from 09:00 AM to 10:30 AM on 28-03-2019 (guide map enclosed below)**.
- 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)

Guide Map to CIAB-NABI Campus, Knowledge City, Sector 81, Mohali

