

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 09-01-2020

Advertisement No: CIAB/49/2019-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) FELLOWSHIPS UNDER EXTERNALLY FUNDED PROJECTS AT CIAB, MOHALI

1. Junior Research Fellow – One position

Project Title – “Complete utilization of whey for the production of whey protein hydrolysate, bacterial cellulose and tagatose for various food applications”.

Funded By – LSRB, Govt. of India

Principal Investigator – Dr. Sudesh Kumar, Scientist-F, CIAB

Duration of the project – Upto 25th February, 2021

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

Age limit – 28 Years

Qualifications – (i) M. Sc. in Life Sciences (Biology/Biotechnology/Biochemistry/Microbiology) or B.E. / B.Tech / M. E. / M. Tech. (Biotechnology) from a recognized university/institute **and**

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

Tenure – Upto duration of the project and/or funding of the project by the project funding agency, whichever is earlier.

2. Junior Research Fellow – One position

Project Title – “Utilization of Rice Residues for Value Added Product Development (CIAB Flagship Project)”.

Funded By – Department of Biotechnology (Govt. of India)

Age limit – 28 Years

Project Coordinator – Dr. Sudesh Kumar, Scientist-F, CIAB

Investigators: Dr. Sudesh Kumar, Dr. Sasikumar Elumalai, Dr. Bhuwan B Mishra, Dr. Meena Krishania

Duration of the project – Upto 17th March, 2022

Fellowship – Rs. 31,000/- + (HRA as admissible or Hostel Facility, if available) per month for first two years
Rs. 35,000/- + (HRA as admissible or Hostel Facility, if available) per month for third year

Qualifications – (i) M.Sc in Chemistry (General / Organic / Inorganic / Synthetic) from a recognized University / Institute having a B.Sc. degree in Chemistry from a recognized university/institute **and**

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

Tenure of Fellowship: Initially one year, renewable for the subsequent years based on satisfactory performance but in no case beyond the duration of the project or cessation of operation and/or funding of the project by the project funding agency, whichever is earlier.

3. Junior Research Fellow – One position

Project Title – “Chemo-Enzymatic Processing of Kinnow Juice Industry for Value Added Nutritional Products”.

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

Principal Investigator – Dr. Meena Krishania, Research & Innovation – System Analyst, CIAB, Mohali

Tenure of fellowship/Duration of the project – Upto 22nd March, 2020

Age limit – 28 Years

Fellowship – Rs. 31,000/- + (HRA as admissible or Hostel Facility, if available)

Qualifications – (i) B.E. / B. Tech. / M.E. / M. Tech. (Food Engineering / Food Technology / Biotechnology / Biochemical) or M.Sc. (Food Science / Biotechnology / Biochemistry / Microbiology) from a recognized University/Institute **and**

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

(B) 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 Chemical Engineering / Chemistry (Organic/Inorganic/Synthesis Chemistry) from a recognized University/Institute with a dissertation in the area of chemical catalysis and its kinetic modelling or synthesis and characterization of organic compounds and having at least one research paper in Science Citation Indexed (SCI) journal. Candidates having the degrees starting from undergraduate in chemistry disciplines preferable for Ph.D in Chemistry.

Assignment – To carry out research related to disintegration of lignocellulosic biomass to product chemicals using the pilot plant setup, kinetic modelling of process data for optimization, etc.

Application Procedure

The interested candidates may appear for a Walk-In-Interview on **09-01-2020** 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 09-01-2020**. **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 09-01-2020**.
- 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)