

CSIR-INSTITUTE OF HIMALAYAN BIORESOURCE TECHNOLOGY (Council of Scientific & Industrial Research) PALAMPUR -176 061 (H.P.)

ISO 9001:2008 Registered

Last Date of Receipt of Applications: 02.07.2014

Advertisement No. 1/2014

A unique opportunity for research careers in Science & Technology

The CSIR-Institute of Himalayan Bioresource Technology, Palampur (CSIR-IHBT) is one of the National Institute under the Council of Scientific & Industrial Research which is an Autonomous Body. It is located on a 250 acres of land with the backdrop of snow-covered peaks of Dhauladhar Range in salubrious climate. The Institute is engaged in research and technology development programmes for sustainable management of bioresources of the Himalayas. The Institute has successfully carried out mission-oriented projects on tea, temperate floriculture and aromatic plants and is well equipped for Tissue culture and Biotechnology. Facilities include Tea Processing Unit, FRP greenhouses and equipments like GC-MS, FT-IR, Ultrascan, Automated DNA sequencers, Phosphoimager, Q-TOF, XL Laser densitometer, HPLCs, MALDI-TOF, CONFOCAL MICROSCOPY, CO₂ Extractor, FPLC, HP-TLC, IRGA, NMR, Scintillation counter, computer networking etc.

CSIR-Institute of Himalayan Bioresource Technology, Palampur invites applications from young and dynamic candidates having excellent academic records for the under mentioned Scientific and Technical posts.

The emoluments and age limit for various posts as per norms is summarized as below :-

A. Scientific Posts:

Designation	No. of Posts	Pay Band (PB)	Grade Pay	*Total emoluments (Approxi.)	** Upper Age Limit not exceeding (as on last date)
Senior Scientist	04 (01-UR 01-SC[backlog] 01-ST 01-OBC)	₹15600- 39100 (PB-3)	₹7600/-	₹68,945/-	37 years
Scientist			₹6600/-	₹57,445/-	32 years

Post Code	Pay Band (PB)	Names and no. of Posts/ Grade Pay (GP)/ Age limit not exceeding.	Reservations	Educational qualifications and Experience
101 to 104	₹15,600-39,100 (PB-3)	Senior Scientist GP ₹7,600/- Age Limit : 37 years	(01-UR 01-SC[backlog] 01 -ST 01-OBC)	Ph.D. (Science) with two years experience
		Scientist GP ₹6,600/- Age Limit : 32 years		Ph.D (Science) Submitted



B. (Technical Posts):

Designation	No. of Posts	Pay Band (PB)	Grade Pay	*Total emoluments (Approxi.)	**Upper Age Limit not exceeding (as on last date)
Sr. Technical Officer(2)	06 [03-UR	₹15600- 39100 (PB-3) and ₹9300- 34800 (PB-2)	₹6,600/-	₹55,925/-	40 years
Sr. Technical Officer(1)	01-ST(backlog)		₹5,400/-	₹49,325/-	35 years
Technical Assistant	01-SC(backlog) 01-OBC(backlog)]		₹4,200/-	₹ 31,500/-	28 Years

Post Code	Pay Band (PB)	Names and no. of Posts/ Grade Pay (GP)/ Age limit not exceeding.	Reservations	Educational qualifications and Experience
105 ₹15,600- to 39,100 110 (PB-3) and ₹9,300- 34,800 (PB-2)	39,100 (PB-3) and ₹9,300-	Sr. Technical Officer(2) GP ₹6,600/- Age Limit : 40 years	[03-UR 01-ST(backlog) 01-SC(backlog) 01-OBC(backlog)]	M.Sc. with minimum of 55% marks after 1 st B.Sc. (Science) with five years experience./ B.E./B.Tech. with 55% marks with five years experience.
	Sr. Technical Officer(1) GP ₹5,400/- Age Limit : 35 Years		B.E./B. Tech. or equivalent in Electronics with minimum 55% marks and two years experience in relevant area.	
		Technical Assistant G.P. ₹4,200/- Age Limit: 28 Years		1 st Class B.Sc. Agriculture/ Chemistry/Life Science with one year full time professional qualification in soil analysis or macro & micronutrient analysis of plant samples from a recognized Institute/ Organization./1 st Class B.Sc. in Food Science & Technology with one year full time professional qualification in the area of Food Processing from recognized Instt./Organization OR 10+2 with science subjects followed by 1 st Class Diploma in Food Science/Nutrition/Post Harvest Technology(2/2.5 years full time duration in cases of lateral admission after 10+2 if applicable). 1 st Class B.Sc.(Life Science) with one year full time professional qualification in microscopy, microtomy and other instruments used in Biology Lab from recognized

UR: Unreserved; SC: Scheduled Caste; ST: Scheduled Tribe; OBC: Other Backward Class



- * Total emoluments means approximate total emoluments on minimum of PB including House Rent Allowance in Class 'Z' City.
- ** Please see age relaxation under Relaxation Column.

Post wise information regarding, minimum qualifications & experience, desirable and job requirement in respect of Scientific posts 'A' is as under:-

Post Code No. 101: Scientist /Sr. Scientist in the area of Plant Cell Tissue Engineering and Molecular Biology (01 Post-reserved for OBC).

Minimum Qualifications and Experience: For Scientist: Ph.D. submitted in Biotechnology with thesis in Plant Cell and Tissue Culture.

For Senior Scientist: Ph.D. in Biotechnology with two years research experience in tissue and cell culture systems as evidenced by high quality research publications.

Desirable: Experience in plant tissue culture, cell suspension culture and familiar with basic techniques in plant molecular biology.

Job Requirement: To carry out research in plant tissue cell & tissue culture and secondary metabolite productions.

Post Code No.102 :Scientist/Sr.Scientist in the area of Microbiology:(01 Post reserved for ST).

Minimum Qualifications and Experience: For Scientist : Ph.D. submitted in Microbiology /Biotechnology.

For Senior Scientist: Ph.D. in Microbiology/Biotechnology with two years experience in microbiology, microbial stress and microbial ecology as evidenced by high quality research publications.

Desirable: Specialization and working experience in microbial biotechnology, molecular characterization and bioprospection of microbes from specialized niches.

Job Requirement: Basic and applied research in microbial bioprospection for enzymes and other metabolites and enhancing plant productivity through microbial intervention.

Post Code No. 103 :Scientist/Sr. Scientist in the area of Animal Science :(01 Post-reserved for SC [backlog].

Minimum Qualifications and Experience: For Scientist: M.Vet. in Veterinary Science/Animal Science/Genetics and Breeding/Animal Reproduction/Biotechnology **OR**

Ph. D. submitted in Veterinary Science/Animal Science/Genetics and Breeding/Animal Reproduction/Biotechnology.

For Senior Scientist: M.Vet. in Veterinary Science/Animal Science/Genetics and Breeding/Animal Reproduction/Biotechnology with three years experience in breeding and creating models of lab animals as evidenced by relevant research publications **OR**

Ph.D. in Veterinary Science/Animal Science/Genetics and Breeding/Animal Reproduction/Biotechnology with two years experience in breeding and creating models of lab animals as evidenced by relevant research publications.

Desirable: Experience in care, management, breeding and safety and screening experiments on laboratory animals. Knowledge of regulatory guidelines, medical ethics and CPCSEA norms.

Job Requirement: Veterinary care, health, breeding and management and quality control of laboratory animals. Development/establishment and maintenance of animal models, immunodeficient / immunocompromised animals.

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Post Code No. 104: Scientist/Sr. Scientist in the area of Plant Proteomics (01 Post-UR)

Minimum Qualifications and Experience: For Scientist: Ph.D. submitted in the area of Life Sciences with thesis pertaining to the area of proteomics.

For Senior Scientist: Ph.D. in the area of Life Sciences with thesis pertaining to proteomics and two years research experience in the area of proteomics as evidenced by high quality research publications.

Desirable: Working experience and conversant with proteomic technologies.

Post wise information regarding, minimum qualifications & experience, desirable and job requirement in respect of Technical Posts 'B' is as under:-

Post Code No. 105: Sr. Technical Officer(2) in the area of Plant Tissue Culture (01 Post-reserved for ST[backlog] (For CSIR-IHBT, Centre for High Altitude Biology at Ribbling in Lahaul & Spiti H.P.).

Minimum Qualifications and Experience: M.Sc. in Life Sciences with minimum of 55% marks after 1st Class B.Sc.(Science) with minimum of five years research experience in Plant Tissue Culture.

OR

B.E./B.Tech in Life Sciences with minimum 55% marks and five years experience in Plant Tissue Culture.

Desirable: Adequate experience to handle the tissue culture experiments independently.

Job Requirement: To extend help in maintenance of Tissue Culture Lab independently, hardening of tissue culture raised plants and field evaluation.

Post Code No. 106 : Sr. Technical Officer(2) in the area of Biochemical Engineering (01-Post-UR).

Minimum Qualifications and Experience: B.E./B.Tech in Biochemical Engineering/Biotechnology with minimum 55% marks and five years experience in relevant field.

Desirable: Adequate working experience in Fermentation/Processing Plants/Pilot Plants for microbial culture/cell culture/enzyme technology.

Job Requirement: Upscaling of fermentation, cell culture, enzyme and other related technologies.

Post Code No. 107: Sr.Technical Officer(1) in the area of Instrumentation (01-Post-UR)

Minimum Qualifications and Experience: B.E./B.Tech. or equivalent in Electronics with minimum 55% marks and two years experience in relevant area.

Desirable: Experience in maintenance/ service/ repair of scientific equipments such as available in the Institute [for details of equipments please visit our website www.ihbt.res.in).

Job Requirement: Maintenance/service/ repair of equipments available in the Institute.

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Post Code No. 108: Technical Assistant in the area of Soil and Plant Analysis (01-Post-reserved for OBC [backlog].

Minimum Qualifications and Experience:1st Class B.Sc. Agriculture/Chemistry /Life Science with one year full time professional qualification in soil analysis or macro & micro-nutrient analysis of plant samples from a recognized Institute/Organization.

Desirable: Candidates having postgraduate degree in Agriculture/Chemistry/Life Sciences will be preferred.

Job Requirement: Analysis of physical and chemical properties of soil, macro—and micro-nutrient analysis of plant samples & analysis of manures fertilizers and water.

Post Code No. 109: Technical Assistant in the area of Food Processing (01-Post-UR)

Minimum Qualifications and Experience: 1st Class B.Sc. in Food Science & Technology with one year full time professional qualification in the area of Food Processing from recognized Institute/ Organization OR 10+2 with science subjects followed by 3 years full time duration 1st class Diploma in Food Science/ Nutrition /Post Harvest Technology (2/2.5 years full time duration in cases of lateral admission after 10+2 if applicable).

Desirable: Candidates having postgraduate degree in the area of Food Sciences will be preferred.

Job Requirement: Development of food prototypes and nutraceuticals.

Post Code No.110:Technical Assistant in the area of Biology (01-Post-reserved for SC[backlog].

Minimum Qualifications and Experience: 1st Class B.Sc.(Life Science) with one year full time professional qualification in microscopy, microtomy and other instruments used in Biology Lab from recognized Institute/Organization.

Desirable: Candidates with M.Sc.(Life Science) will be preferred.

Job Requirement: Sample preparation and handling of sophisticated microscopes and other instruments.

Note: From the post Code Nos. 108 to 110, one post will be filled up amongst the PWD(OH/HH).

General information and conditions:-

1. Benefits under Council Service:

- a. These posts carry usual allowances i.e., Dearness Allowance (DA), House Rent Allowance(HRA), Transport Allowance (TA) etc. as admissible to the Central Government employees and as made applicable to CSIR. Council employees are also eligible for accommodation of their entitled type as per CSIR allotment rules depending on availability in which case HRA will not be admissible.
- b. Scientists in Pay Band -3 are also eligible for 2 additional increments(without DA) and Professional update allowance of Rs. 10,000/- per annum.
- c. Scientists in CSIR are also permitted to undertake consultancy and sponsored R&D project activity. These activities give them scope to earn consultancy fee and honorarium as per guidelines governing these activities. Opportunities also arise for foreign deputations for training/presentation of papers/specific assignments etc.



- d. In addition to the emoluments indicated against each category of posts, benefits such as Provident Fund, applicability of New Pension Scheme, reimbursement of Medical Expenses, Leave Travel Concession, Conveyance advance and House Building Advance are available as per rules of CSIR.
- e. CSIR provides excellent opportunities to deserving candidates for career advancement under Assessment Promotion Scheme for Scientists/Technologist.
- f. For Post Code No. 103 candidates will be eligible for Non- Practising Allowance (NPA) @ 25% of the Pay, as admissible under CSIR Rules.

2. General Conditions/Information:

- a. The applicant must be a citizen of India.
- b. All applicants must fulfil the essential requirements of the post and other conditions stipulated in the advertisement. They are advised to satisfy themselves before applying that they possess at least the essential qualifications laid down for various posts. No enquiry asking for advice as to eligibility will be entertained. The prescribed essential qualifications are the minimum and the mere possession of the same does not entitle candidates to be called for interview.
- C. IN THE EVENT OF NUMBER OF APPLICATIONS BEING LARGE, CSIR-IHBT WILL ADOPT SHORT LISTING CRITERIA TO RESTRICT THE NUMBER OF CANDIDATES TO BE CALLED FOR INTERVIEW TO A REASONABLE NUMBER BY ANY OR MORE OF THE FOLLOWING METHODS:
 - i. On the basis of higher educational qualifications than the minimum prescribed in the advertisement.
 - ii. On the basis of higher experience in the relevant field than the minimum prescribed in the advertisement.
 - iii. By holding a written Test.
 - iv. Any other methodology as deemed fit by Screening Committee like publication, patents, outstanding academic record and R& D experience etc.
- d. The application should be accompanied by self attested copies of the relevant educational qualification and experience. The prescribed qualifications should have been obtained, through recognized Universities/Institutions etc. Incomplete applications/applications received not accompanied with the required certificates/ documents are liable to be rejected.
- e. The candidates applying for the post of Scientist with the qualifications of Ph.D. submitted, he/she is advised to enclosed authentic proof for submission of his/her Thesis from the respective Competent Authorities of University/Institute, failing which his/her candidature for the same post shall be rejected.
- f. In respect of equivalent clause in Essential Qualifications, if a candidate is claiming a particular qualification as equivalent qualification as per the requirement of advertisement, then the candidate is required to produce order/letter in this regard, indicating the Authority(with number and date) under which it has been so treated otherwise the Application is liable to be rejected.
- g. The period of experience rendered by a candidate on part time basis, daily wages, visiting/ guest faculty will not be counted while calculating the valid experience for short listing the candidates for interview.
- h. If any documents/certificates furnished in language other than Hindi or English, a transcript of the same duly attested by a Gazetted Officer or notary must be submitted failing which his/her candidature can be liable to be rejected.

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- i. The date for determining the upper age limit, qualifications and/or experience shall be the closing date prescribed for receipt of applications.
- j. The period of experience in a discipline/ area of work wherever prescribed, shall be counted after the date of acquiring the minimum prescribed educational qualifications prescribed for particular post.
- k. Candidate must ensure that he/she possesses minimum prescribed educational qualification/experience for the post for which he/she is applying on the last date of receipt of application.
- I. Applications from candidates working in Government Departments, Autonomous bodies, Public Sector Undertakings and Government funded Research Agencies will be considered when forwarded through proper channel within the prescribed time- limit along with requisite NOC.
- m. Persons with disabilities (PWD) fulfilling the eligibility conditions prescribed under GOI instructions are encouraged to apply.
- n. The posts carry usual allowances as admissible to Central government employees as have been made applicable to CSIR employees.
- o. Deserving candidates may be considered for higher start of pay.
- p. The post will be governed by the New Pension Scheme applicable w.e.f. 01.01.2004 as notified by the Government of India and adopted by CSIR vide their letter No.17/68/2001-E.II dated 23.12.2003 and other instructions issued on the subject.
- q. Only outstation candidates called and found eligible for interview will be paid to and fro single second class rail fare from the actual place of undertaking the journey or from the normal place of their residence whichever is near the Railway Station on production of Rail tickets/Rail Ticket Numbers or any other proof of journey.
- r. Any discrepancy found between the information given in application and as evident in original documents will make the candidate ineligible for appearing in interview. Such candidate will not be paid any fare.
- s. The number of vacancies indicated against each category is provisional and may vary at the time of selection.
- t. The decision of the Director, CSIR–Institute of Himalayan Bioresource Technology, Palampur in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, conduct of examination/interview will be final and binding on the candidates.
- u. Director, CSIR-IHBT reserve the right to accept/reject the applications summarily/merely against the advertised posts.
- v. Canvassing in any form and/or bringing any influence political or otherwise will be treated as a disqualification for the post.

NO INTERIM ENQUIRY OR CORRESPONDANCE WILL BE ENTERTAINED.

3. Relaxations:

a. The date for determining the age limit/experience /qualifications shall be the closing date prescribed for receipt of applications i.e. <u>02.07.2014</u>.



- b. The upper age limit is however relaxable upto 5 years for SC/ST and 03 years for OBC as per Government orders in force only in those cases where the post are reserved for respective categories, on production of relevant certificate in the prescribed format signed by the specified authority for the appointment in the Central Govt. Departments at the time of interview.
- c. Upper age limit is relaxable upto five years for the regular employee working in CSIR laboratories/Institutes Government Departments autonomous bodies and public sector undertaking.
- d. As per GOI provisions, age relaxation for Widows, Divorced Women and Women judicially separated from Husbands: The upper age limit is relaxable up to the age of 35 years (upto 40 years for members of Scheduled Castes/Scheduled Tribes and upto 38 years for members belonging to the Other Backward Classes in respect of the posts reserved for them) for Widows, divorced Women and Women judicially separated from Husbands who are not remarried. The persons claiming age relaxation under this sub-para would be required to produce following documentary evidence:
 - i) In case of Widow, Death Certificate of her husband together with the affidavit that she has not remarried so far.
 - ii) In case of divorced Women and Women judicially separated from their husbands, a certified copy of the judgment/decree of the appropriate Court to prove the fact of divorce or the judicial separation, as the case may be, with an Affidavit in respect of divorced Women and they have not remarried so far.
- e. Age relaxation to Physically Handicapped (PH) persons: Age relaxation of 5 years is allowed (total 10 years for SCs /STs and 8 years for OBCs in respect of the posts reserved for them) to blind, deaf-mute and Orthopedically handicapped persons for appointment to Group 'A' and Group 'B' posts/services. The persons claiming age relaxation under this sub- para would be required to produce a certificate in prescribed Performa in support of their claims clearly indication that the degree of physically disability is 40% or more. In any case, the appointment of these candidates will be subject to their being found medically fit in accordance with the standards of medical fitness as prescribed by the Government for each individual Group 'A' and Group 'B' posts to be filled by Direct Recruitment by selection.
- f. SC/ST/OBC/PH candidates are required to produce original certificate in the prescribed format signed by the specified authority at the time of interview. The OBC candidate should produce the certificate valid for appointment to posts under the Central Government as per instructions issued by the DOPT (GOI) notification No.36033/12013-Estt.(Res.)dated 27.05.2013.
- g. Relaxation in age, over and above the stipulated limit, educational qualification and/ or experience may be considered in case of exceptionally meritorious candidates and if sufficient number of candidates possessing the requisite qualification and/ or experience are not likely to be available to fill up the posts.
 - g. Relaxation of five years will also be permissible to those who had ordinarily been domiciled in the Kashmir division of the state of Jammu and Kashmir during the period from 1-1-1980 to 31-12-1989 subject to production of relevant certificate from concerned authority.

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4. Mode of Selection:

- a. Mere fulfilment of educational qualifications and experience does not entitle a candidate to be called for interview. The duly area-wise constituted Screening Committee will adopt its own criteria for short-listing the candidates. The candidate should therefore, mention in the application all the qualifications and experiences in the relevant area over and above the minimum prescribed qualification, supported with documents. Completion of Ph.D. degree will be reckoned from the date of issue of provisional certificate/notification issued by the competent authority of concerned University/Institute.
- b. In case a candidate is staying abroad at the time interview, his/her candidature may be considered in absentia or by Video Conference by the Selection Committee on his/her written request with relevant details like IP address etc.
- c. The Selection Committee may choose to place the candidate in any of the Grade Pay within the Pay Band depending upon the performance during the interview of the candidate and subject to meeting the minimum eligibility criterion specified with respect to the scientific posts (Post Code No.101 to 104).
- d. SC/ST/CSIR permanent employees/abroad candidates/Physically Handicapped/Women are exempted from application fee.

5. How to apply:

- a. The Eligible candidates are required to apply on the prescribed application format available at our website www.ihbt.res.in.
- b. The prescribed Application Form for the above posts can also be obtained from the office of Administrative Officer, CSIR-I.H.B.T., Palampur-176 061 (Himachal Pradesh) by sending a requisition along with a Self-Addressed Stamped envelope (27 cms x 10 cms) bearing postal stamp of Rs. 10/- by 20.06.2014.
- c. Candidates are required to arrange for a crossed Demand Draft for Rs.100/-(Rupees One hundred only) drawn on any nationalized bank and valid for at least 3 months in favour of "Director, CSIR- IHBT" payable at Palampur (Himachal Pradesh) SBI-Bank Code No. 03632. The last date for receipt of application along with Demand Draft is 02.07.2014. This date will be the same for the candidates belonging to far-flung areas. The following details must be filled up on back side of Demand Draft (i) Candidate's Name, (ii) Candidate's category, (iii) Post Code Applied for. SC/ST/PH/Women (eligible for relaxation. Please refer clause No. d under "Relaxation" CSIR Employees/Abroad Candidates are exempted from submission of application fee.
- d. In case of Universities/Institute awarding CGPA/SGPA/OGPA grades etc. candidates are requested to convert the same into percentage based on the formula as per their University/Institute in the application format on appropriate place by the candidate himself.
- e. This application duly accompanied by attested copies of the Degree Certificates, mark sheets, testimonials in support of age, education qualifications, experience, re-prints of publications and caste certificate, PWD Certificate if applicable along with one recent passport size self-signed photograph affixed together with Demand Draft(if applicable) should be sent in a envelope superscribed APPLICATION FOR THE POST OF..........(Post Code.......)" by post to the address: Administrative Officer ,CSIR-Institute of Himalayan Bioresource Technology, Post Box No. 06, Palampur-176061(H.P.) by Registered Post.



- f. The complete Application Form should reach the above address by <u>02.07.2014</u> along with Demand Draft (including far flung areas) by <u>05.30 PM</u>. Candidates applying for more than one post must submit separate application form for each post in separate envelope indicating the Code No. of the post.
- g. Application once made will not be allowed to be withdrawn and fees once paid will not be refunded on any cost nor can it be held in reserve for any other recruitment or selection process.
- h. Applications from employees of Government Department will be considered only, if forwarded through proper channel, certified by the employer that the applicant, if selected will be relieved within one month of the receipt of the appointment orders. Vigilance clearance should also be recorded. However, advance copy of the application may be submitted before the closing date. Applications routed through proper channel should reach at CSIR-Institute of Himalayan Bioresource Technology, Palampur-176061(H.P.) at the earliest.
- i. Candidates should specifically note that the applications received after the closing date for any reason whatsoever (such as envelopes wrongly address, delivered elsewhere, postal delay etc.) will not be entertained by CSIR-Institute of Himalayan Bioresource Technology, Palampur (H.P.).
- j. Incomplete applications (i.e without attested copies of certificates of educational qualifications, photograph, unsigned and application fee, if applicable testimonials etc.) will not be entertained and is liable to be summarily rejected.
- 6. Following documents must be attached along with application form sent by post:
 - a. Demand Draft of Rs.100/- as application fee, where applicable.
 - b. Coloured photograph pasted on the form and signed across in full.
 - c. Self Attested photocopy of Date of Birth Certificate.
 - d. Self Attested photocopies of educational qualifications certificates.
 - e. Self Attested photocopy of caste certificate, if applicable.
 - f. Self Attested photocopies of experience certificate, if any.

Administrative Officer

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