



**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: 08.03.2013**

**Advertisement No. 1/2013**

**(Including one Backlog Post of SC Category)**  
**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, CO<sub>2</sub> Extractor, FPLC, HP-TLC, IRGA, NMR, Scintillation counter, computer networking etc.

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

<b>Designation</b>	<b>No. of Posts</b>	<b>Pay Band (PB)</b>	<b>Grade Pay</b>	<b>*Total emoluments</b>	<b>** Upper Age Limit not exceeding (as on last date)</b>
Senior Scientist	07	₹15600-	₹7600/-	₹62027/-	37 years
Scientist	(04-UR, 01-SC (Backlog), 02-OBC)	39100 (PB-3)	₹6600/-	₹53954/-	32 years

\* 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 Code	Pay Band (PB)	Names and no. of Posts/ reservation & Grade Pay (GP)/ Age limit not exceeding.	Reservations	Educational qualifications and Experience
01 To 07	Rs. 15600-39100 (PB-3)	<b>Senior Scientist</b> GP Rs. 7600/- Age Limit : 37 years	04-UR  01-SC (Backlog)  02-OBC	Ph.D (Science) with two years experience OR M.Vet. (Sc.) With 3 years experience
		<b>Scientist</b> GP Rs. 6600/- Age Limit : 32 Years		Ph.D (Science) Submitted / M.Vet. Sc.

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

**Post wise information regarding , desirable , qualification and experience and job specification is as under :-**

**Code No. 01 : NANOTECHNOLOGY : 01 Post [UNRESERVED]**

**Minimum Qualifications and Experience :** For Scientist : Ph.D. submitted in Biological Sciences/Biochemical Sciences/Chemical Sciences/Biophysical Sciences or area relevant to nanotechnology OR  
For Senior Scientist : Ph.D. in Biological Sciences/Biochemical Sciences/Chemical Sciences/Biophysical Sciences or area relevant to nanotechnology with two years experience in related area .

**Desirable :** Candidate is expected to initiate independent research in the area of nanomaterial from biological sources and also to participate in ongoing research.

**Code No. 02 : VETERINARY PATHOLOGY: 01 Post [UNRESERVED]**

**Minimum Qualifications and Experience:** For Scientist : M.Vet. Sc.-(Veterinary Pathology) OR  
For Senior Scientist: M.Vet. Sc.-(Veterinary Pathology ) with 3 years Experience / Ph.D with two years experience .

**Desirable :** Proven experience in histopathological techniques in preclinical trials and toxicity evaluation as evidenced from publication(s) in referred Journal(s).

**Job Requirement :** To carry out clinical and pathological evaluation in toxicity trials on laboratory animals.

**Code No. 03 : ANIMAL BREEDING & GENETICS: 01 Post [Reserved for SC-Backlog]**

**Minimum Qualifications and Experience** : For Scientist: M.Vet.Sc.-(Animal Breeding & Genetics) OR

For Senior Scientist: M.Vet.Sc.-(Animal Breeding & Genetics) with 3 years Experience / Ph.D with two years experience .

**Desirable** : Experience in laboratory animal breeding and maintenance of animal house.

**Job Requirement** : To carry out the breeding of laboratory animals of different strains for preclinical and toxicological evaluation.

**Code No. 04 : NMR : 01 Post [UNRESERVED]**

**Minimum Qualifications and Experience**: For Scientist: Ph.D. submitted in Organic/Natural Product/ Analytical Chemistry or its equivalent in the relevant field OR

For Senior Scientist: Ph.D. in Organic/Natural Product/ Analytical Chemistry with two years experience.

**Desirable**: Experience in Spectral data interpretation and structure elucidation of Organic Molecules/Natural Products as evidenced by published work in highly reputed Journal(s). Preference will be given to the candidates having experience of handling NMR.

**Job Requirement**: Interpretation of NMR and other spectroscopy data.

**Code No. 05: PHARMACOLOGY: 01 Post [ UNRESERVED]**

**Minimum Qualifications and Experience**: For Scientist: Ph.D. submitted in Pharmacology/ Biochemistry/Biotechnology/Life Sciences OR

For Senior Scientist: Ph.D. in Pharmacology/Biochemistry/Biotechnology/Life Sciences with two years relevant experience.

**Desirable** : Experience in tools and techniques employed to undertake *in vivo* experiments with small animals for systematic bio-evaluation and studies on molecular mechanism of action of lead molecules as evidenced by publications in reputed journals.

**Job Requirement** : To actively participate in the bio-evaluation of synthetic/natural molecules for human nutrition and health.

**Code No. 06 : CROP MODELING [01 Post reserved for OBC]**

**Minimum Qualifications and Experience**: For Scientist: Ph.D. submitted in Agricultural or Biological Sciences OR

For Senior Scientist: Ph.D. in Agricultural or Biological Sciences with two years experience in the relevant field.

**Desirable** : Experience in Mathematical Modeling as evidenced by publication in referred Journal(s). Ability to write programmes for modeling of crops.

## **Code No. 07 : ECOLOGY [01 Post reserved for OBC]**

**Minimum Qualifications and Experience:** For Scientist: Ph.D. submitted in Ecology, Environmental Sciences, Forestry, Botany OR  
For Senior Scientist : Ph.D. in Ecology, Environmental Sciences, Forestry, Botany with two years experience in the relevant field.

**Desirable:** Working experience in plant diversity and ecological studies.

**Job Requirement:** Floristic and ecological studies in Himalayan zone and integration with the remote sensing and GIS platform.

### **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. 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.
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- e. 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.
- f. CSIR provides excellent opportunities to deserving candidates for career advancement under Assessment Promotion scheme for Scientists.
- g. For Post Code No. 2 & 3 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.
- 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. 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.
- f. 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.
- g. If any documents/certificate furnished is in a language other than Hindi or English, a transcript of the same duly attested by a Gazetted officer or notary is to be submitted.
- h. The date for determining the upper age limit, qualifications and/or experience shall be the closing date prescribed for receipt of applications.
- i. 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 that Grade.
- j. Candidate must ensure that he/she possesses educational qualification/experience in the relevant area as required in the category/post, for which he/she is applying, on the last date of receipt of application.
- k. 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.
- l. Persons with disabilities (PWD) fulfilling the eligibility conditions prescribed under GOI instructions are encouraged to apply.
- m. The posts carry usual allowances as admissible to Central government employees as have been made applicable to CSIR employees.
- n. Deserving candidates may be considered for higher start of pay

- o. 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.
- p. 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.
- q. 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.
- r. The number of vacancies indicated against each category is provisional and may vary at the time of selection.
- s. The decision of the CSIR –Institute of Himalayan Bioresource Technology 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.
- t. 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 **08.03.2013**
- 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 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 since.
  - ii) In case of divorced Women and Women judicially separated from their husbands, a certified copy of the judgment/decreed 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 since.

- 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, def-mute and Orthopaedically 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 indicating that the degree of physical 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 a copy of the 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 of posts under the Central government.
- 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.
- h. 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.

#### **4. Mode of Selection**

- a. Mere fulfilment of educational qualifications and experience does not entitle a candidate to be called for interview. The duly 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.
- 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 of the candidate and subject to meeting the minimum eligibility criterion specified.
- d. SC/ ST/ CSIR 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](http://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 **22.02.2013**.

- c. Candidates are required to arrange for a crossed Demand Draft for Rs.100/- 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 **08.03.2013**. 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 appropriate place by the candidate himself.
- e. This application duly accompanied by attested copies of the certificates, mark sheets, testimonials in support of age, education qualifications, experience, re-prints of publications and caste 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- IHBT, Post Box No. 06, Palampur-176061 by Registered Post.**
- f. The complete Application Form should reach the above address by **08.03.2013** along with Demand Draft (including far flung areas) by 05.30 PM. Candidates applying for more than one post must submit separate application form for each post 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 count 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. Also, 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 Institute of Himalayan Bioresource Technology, Palampur-176061 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.
- j. Incomplete applications (i.e without 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**