



CSIR- INDIAN INSTITUTE OF INTEGRATIVE MEDICINE
Canal Road, Jammu-180001(J&K)
Website: www.iiim.res.in
ADVERTISEMENT NO.30/2021

APPLICATIONS ARE INVITED FOR THE POSITIONS OF SCIENTISTS/SENIOR SCIENTISTS/PRINCIPAL SCIENTIST

Date of Commencement of Online Application: 10.01.2022

Last Date for Receipt of Online Application: 31.01.2022 till 05:00 P.M

Last Date for Receipt of Hard Copy of Online Application: 10.02.2022

(For candidates residing in far flung areas viz North Eastern regions, Andaman & Nicobar Islands, Lakshadweep, Lahaul & Spiti Districts of Himachal Pradesh, U.T of Ladakh, etc. the last date of receipt of hard copy of Online Applications is 15.02.2022)

A unique opportunity for research careers in Science & Technology

CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu, is one of the constituent Institutes of the Council of Scientific & Industrial Research (CSIR), a premier multi-disciplinary R & D organization in India which is an autonomous body under the Ministry of Science & Technology, Government of India. CSIR-IIIM, Jammu is engaged in high quality research and development having primary focus on drug discovery from natural resources (medicinal plants and microbial species). The key research areas of CSIR-IIIM are (i) Natural Products/Medicinal/Analytical/Bio-Organic Chemistry, (ii) Plant Sciences (Plant Biotechnology/ Biodiversity/ Genetic Resources/Taxonomy/Ethno Biology), (iii) Fermentation Technology, (iv) Clinical Microbiology, (v) Biological/ Pharmacological Sciences, (vi) Quality Control/Quality Assurance and (vii) cGMP/Formulation Development. CSIR-IIIM offers excellent infrastructure support, start-up research funding along with a vibrant environment to perform collaborative research in interdisciplinary areas. Additionally, access to resources of other CSIR Institutes and strong networking with medical institutes, hospitals and universities provide opportunities to do globally competitive drug discovery. The Institute is interested in recruiting enthusiastic young researchers with proven track record of scientific achievements. The candidates with industrial research experience and those with aptitude and attitude for undertaking collaborative drug discovery projects, rather than individual-driven research, will be preferred. The emoluments and age limit for various posts, as per norms, is summarized as under:

Designation	No. of Posts with Reservation	Pay Level & Pay Matrix	*Emoluments (in Rs.)	**Upper Age Limit not exceeding (as on last date)
Scientist	10 Posts [UR-05, EWS-01, OBC-03, SC-01]	Pay Level-11 [67,700-208700]	1,05,589/-	32 years
Senior Scientist	02 Posts [UR-02]	Pay Level-12 [78,800-209200]	1,22,128/-	37 years
Principal Scientist	01 Post [UR-01]	Pay Level-13 [123100-215900]	1,88,135/-	45 years

*** Emoluments means approximate total emoluments as on 10.02.2022 on minimum of pay including House Rent Allowance in Class 'Y' City and other allowances. **Please see age relaxation under Relaxation clause. The applications are invited in the following areas:-**

VACANCIES

Post Code	Area /No. of Posts/ Reservation	Designation	Essential Qualification & Experience	Desirable Qualification/ Experience	Job Requirements
S-1	Medicinal Chemistry Total Post: 01 (UR)	Sr. Scientist	PhD in the area of Chemistry/ Organic Chemistry / Chemical Sciences and two years of post PhD relevant experience.	Experience in medicinal / synthetic chemistry, multi-step synthesis, designing of chemical compounds for biological activity and data analysis; clearly evident from published work in peer reviewed publications and patents.	Design and synthesis of novel chemical compounds for target-based drug discovery. The candidate is expected to be part of dynamic team engaged in medicinal chemistry / drug discovery programs, interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.
S-2	Natural Products Chemistry Total Post: 01 (Reserved for SC)	Scientist	PhD submitted in Natural Products/ Bioorganic Chemistry / Organic Chemistry/ Chemical Sciences	Doctoral work in the area of natural products chemistry / phytochemistry / marine chemistry / microbial chemistry and experience in the extraction, isolation and characterization of natural products, structural derivatization of bioactive Natural products for specific targets; use of modern analytical and spectroscopic techniques, knowledge of phytopharmaceutical drug discovery, clearly evident from peer reviewed publications and patents.	To conduct R&D in natural product chemistry aimed towards new drug discovery and development in phytopharmaceutical /Botanical mode from natural resources. The candidate is expected to be part of dynamic team engaged in drug discovery programs, interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.

S-3	Medicinal Chemistry Total Post: 01 (Reserved for OBC)	Scientist	PhD submitted in the area of Chemistry / Organic Chemistry/ Chemical Sciences	Experience in medicinal / synthetic chemistry, multi-step synthesis, designing of chemical compounds for biologically activity and data analysis; clearly evident from published work in peer reviewed publications and patents.	Design and synthesis of novel chemical compounds for target-based drug discovery. The candidate is expected to be part of dynamic team engaged in medicinal chemistry / drug discovery programs, interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.
S-4	Plant Biodiversity (Plant Identification and Collection) Total Post: 01 (Reserved for EWS)	Scientist	Ph.D. submitted in the area of Botany/ Plant Taxonomy/ Biosystematics.	Research experience in the area of field exploration, identification and authentication of higher plants using morphological, anatomical and molecular means as evident from high quality peer reviewed SCI publications and patents. Experience in managing herbarium and crude drug repository would be added advantage.	To undertake floristic surveys for the biodiversity assessment, collection and identification of flora using traditional and modern approaches, management of herbarium and crude drug repository. The candidate is expected to be part of dynamic team engaged in natural product-based drug discovery programs, interact effectively with other groups / collaborators and integrate well with institutional mandate/research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.

S-5	Plant Adaptation Biology Total Post: 01 (UR)	Scientist	PhD submitted in Botany/ /Plant Physiology/ Plant Adaptation.	<p>Research experience in the area of plant physiological processes and plant adaptive biology of higher altitudes plants using physiological, biochemical and molecular methods as evident from high quality peer reviewed SCI publications and patents.</p> <p>Experience of working with high altitude medicinal and aromatic plants would be added advantage.</p>	<p>To work in the area of plant functioning and adaptation in medicinal and aromatic plants of high-altitude regions. The candidate is expected to study the performance of plants in field conditions using high end physiological instruments.</p> <p>The candidate is expected to be part of ongoing research activities in high altitude areas and interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.</p>
S-6	Chemical Engineering Total Post: 01 (UR)	Scientist	PhD submitted in the area of Chemistry / Organic Chemistry/ Chemical Sciences Or M.E./M.Tech Chemical Engineering	Candidate should be well versed with, up scaling the lab level processes to kilo and industrial scale, upstream and downstream processes. Industry experience in large scale extraction of medicinal plant active ingredients, handling plant extracts in GMP plant in industrial/commercial setup will be an added advantage.	The candidate is expected to be part of dynamic team engaged in process upscale from lab to industrial scale, interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.

S-7	Molecular Pharmacology Total Post: 01 (UR)	Principal Scientist	Ph.D Pharmacology / Toxicology/ Biochemistry/ Biotechnology or equivalent with minimum 03 years post PhD experience in the relevant area evident from peer reviewed SCI publications and patents.	Experience in drug discovery and molecular pharmacology. Experience in cells and animals based pharmacological studies in particular in the central nervous system as evident from peer reviewed publications and patents.	The candidate is expected to lead a team engaged in natural products-based drug discovery programs in the area of Pharmacology, CNS and Neurodegenerative disorders and is required to interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.
S-8	Endocrinology and Metabolic Diseases Total Post: 01 (Reserved for OBC)	Scientist	PhD submitted/awarded in any area of sciences/ M.V.Sc./ MD or equivalent	Research experience in the area of diabetes mellitus and metabolic disorders with proven track record in cell based and animal studies as evident from peer reviewed publications and patents.	The candidate is expected to be part of dynamic team engaged in natural products based Anti-diabetic and Anti-obesity works and other programs on metabolic disorders, interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.
S-9	Rheumatology & Inflammatory disorders Total Post: 01 (UR)	Scientist	PhD submitted / awarded in any area of sciences/ M.V.Sc./ MD or equivalent.	Research experience in Rheumatoid Arthritis and inflammatory disorders with proven track record in cell based and animal studies as evident from peer reviewed publications and patents.	The candidate is expected to be part of dynamic team engaged in natural products based Anti-rheumatoid arthritis and Anti-Inflammatory Programs, interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.

S-10	PK/PD Toxicology Total Post: 01 (UR)	Scientist	PhD submitted / awarded in Biological Sciences or Pharmacology.	Experience in conducting in-vitro ADME studies as well as PK and Toxicology studies in animal models for profiling of in-house molecules. Hands on experience in handling of HPLC/ LC-MSMS etc. will be preferred. Above experiences should be evident from in peer-reviewed publications and patents.	<p>The candidate is expected to be part of drug discovery programme of the Institute and have to carry out cell based and animal experimentations for PK and Toxicological profiling of in-house natural / semi-synthetic/synthetic molecules.</p> <p>The candidate is expected to be part of dynamic team engaged in natural product-based drug discovery programs, interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.</p>
S-11	Quality Control & Quality Assurance Total Post: 01 (Reserved for OBC)	Scientist	PhD submitted / awarded in the area of Organic Chemistry/ Pharmaceutical Analysis/ Analytical Chemistry	<p>Experience in operation and troubleshooting of modern spectroscopic and chromatographic instruments like (LC-MS/MS, GC-MS/MS, HPLC, ICPMS etc.). Candidate is expected to have experience in CMC and stability studies, food testing, nutraceutical profiling and analysis evident from publications in peer reviewed publications and patents.</p> <p>Candidate is expected to have knowledge of the requirements of regulatory guidelines. .</p>	<p>Selected candidate will be required to work in Quality Control and Quality Assurance laboratory, to perform analytical testing of commercial as well as Institutional R&D samples as per the standards and regulatory guidelines (NABL, CDSCO, FSSAI etc)</p> <p>The candidate is expected to be part of dynamic team engaged in natural product-based drug discovery programs, interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.</p>

S-12	Instrumentation Total Post: 01 (UR)	Sr. Scientist	PhD in Analytical Chemistry / Organic Chemistry / Pharmaceutical Analysis and two years of experience evident from publications and patents Or ME/M.Tech. in Instrumentation or equivalent and two years of experience evident from publications and patents.	Experience in operation, maintenance, troubleshooting and management of sophisticated analytical instruments/working in the Analytical or NABL Accredited Laboratory with publications in peer reviewed journals in the area of analytical chemistry. Industry experience in operation and management of Instrumentation facility will have added advantage.	Selected candidate will be required to work in Instrumentation Division and provide operational and maintenance support for Chromatographic and Spectroscopic instruments like LC- MS/MS, GC-MS/MS, HPLC, NMR etc. The candidate is expected to be part of dynamic team engaged in natural product-based drug discovery programs, interact effectively with other groups / collaborators and integrate well with institutional mandate/ research programs, write extramural grants and take up consultancy/ industry sponsored R&D projects.
S-13	S&T Management Total Post: 01 (UR)	Scientist	PhD submitted / awarded in the area of Chemical Sciences / Pharmaceutical Sciences / Biotechnology.	Candidates with dual qualification in Science and Masters in Business Administration having experience in S&T Management will be preferred. Candidate is expected to have S&T management/ Project Management/ Academic Management/ Technology Transfer/ business development, coordination/ skill and can handle industrial/ institutional business development activities such as liaison with different stakeholders, business negotiations, drafting of MoUs, technology transfer, contract management and financial management. Candidate having Industry experience in Pharma sector will have added advantage. Candidate is required to have good writing and oral communication skills with computer literacy.	Selected candidate will be required to develop and implement strategies for S&T Management/ Project Management/ Technology/ IP Licensing etc. Selected candidate is expected to be involved in business development activities of the CSIR-IIIM, Jammu. He/ She will be responsible for marketing of research and technology as well as R&D services of CSIR-IIIM. He/she will act as an interface between the scientific staff and industry as well as the government.

Abbreviations: UR: Unreserved; SC: Scheduled Caste; OBC: Other Backward Class; EWS: Economically Weaker Sections

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/applicable to CSIR employees. 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. In addition to the emoluments indicated against each category of posts, benefits such as New Pension Scheme 2004, reimbursements of Medical Expenses, Leave Travel Concession etc. as applicable to CSIR employees from time to time.
- 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 CSIR guidelines governing these activities. Opportunities also arise for foreign deputations for training/presentation of papers/specific assignments etc.
- d. CSIR provides excellent opportunities to deserving candidates for career advancement under Assessment Promotion scheme for Scientists.
- e. Deserving candidates may be considered for advance increment(s) as per CSIR Rules.

2. OTHER CONDITIONS:-

- a. The applicant must be a citizen of India.
- b. All applicants must fulfill the essential requirements of the post and other conditions stipulated in the advertisement as on the last date of receipt of the applications. They are advised to satisfy themselves before applying that they possess at least the essential qualifications laid down for various posts as on the last date of receipt of the applications. **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. 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.
- c. The application should be accompanied by self attested copies of the relevant educational qualification and experience. The prescribed qualifications should have been obtained from recognized Universities / Institutions etc. Incomplete applications received and applications not accompanied with the required certificates / documents are liable to be rejected.
- d. 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.
- e. 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.
- f. If any document/ certificate furnished are 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.
- g. The date for determining the upper age limit, qualifications and /or experience shall be the **closing date i.e.; 10.02.2022**, prescribed for receipt of applications.

- h. The period of experience in a discipline/ area of work, wherever prescribed, shall be counted after the date of acquiring the minimum educational qualifications prescribed for that particular level.
- i. Persons with disabilities (PwD) fulfilling the eligibility conditions prescribed under GOI instructions are encouraged to apply.
- j. In case a candidate is staying abroad, his/her candidature may be considered *in absentia* by the Selection Committee on his/her written request.
- k. Only outstation candidates found eligible and called 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 nearer to Jammu-Tawi Railway Station on production of Rail Tickets/Rail Ticket Numbers or any other proof of journey.
- l. 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.
- m. The decision of the **Director CSIR-IIIM/CSIR** in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, and conduct of examination/ interview will be final and binding on the candidates.
- n. Canvassing in any form and/or bringing any influence political or otherwise will be treated as a disqualification for the post.
- o. **Date of interview or any other updates as the case may be will be displayed on CSIR-IIIM website.**
- p. NO INTERIM ENQUIRY OR CORRESPONDANCE WILL BE ENTERTAINED.

3. RELAXATIONS:-

- a. The upper age limit is relaxable upto 05 years for SC/ST and 03 years for OBC (Non-Creamy layer) as per Government orders in force only in those cases **where the posts are reserved for respective categories**, on production of relevant certificate in the prescribed format signed by the specified authority at the time of interview.
- b. Upper age limit is also relaxable upto 05 years for the regular employees working in CSIR Laboratories/ Institutes, Government Departments, Autonomous Bodies and Public Sector Undertakings.
- c. As per GOI provisions, for Widows, Divorced Women and Women Judicially separated from their Husbands; who are not re-married, the upper age limit is relaxable up to the age of 35 years. 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/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 that they have not remarried since.
- d. Age relaxation to Persons with Disabilities (PWD): Age relaxation of 10 years is allowed to blind, deaf-mute and orthopedically handicapped persons for appointment to Group 'A' 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 possessing latest **Disability Certificate issued by Medical Board duly constituted by Central or State Government.**
- e. Relaxation in age, over and above the stipulated limit, educational qualification and / or experience may be considered in case of **exceptionally meritorious candidates** or if sufficient numbers of candidates possessing the requisite qualification and/ or experience are not available to fill up the posts.

IV. How to apply:

- i) Candidates are required to apply ONLINE ONLY through our website <http://www.iiim.res.in> followed by sending hard copy of online application duly signed along with copies of mark sheets, certificates, fee payment receipt, and other testimonials etc.
- ii) Online application will be available on our website <http://www.iiim.res.in> from 10.01.2022 to 31.01.2022 .
- iii) Interested candidates are advised to apply in time to avoid last minute rush.
- iv) Candidates applying for more than one post code must submit separate applications indicating the post code of the post in the application form. Each application should be accompanied by separate SB Collect payment receipt.
- v) The computer generated application duly signed by the candidate and accompanied by self attested copies of the certificates, mark sheets, testimonials in support of Date of Birth, education qualifications, experience, Category Certificate, EWS Certificate and fee payment receipt, if applicable along with one recent passport size self-signed photograph affixed should be sent in an envelope super scribed "APPLICATION FOR THE POST OF _____ (Post Code ____)" so as to reach the **Senior Controller of Administration, CSIR-Indian Institute of Integrative Medicine, Canal Road, Jammu-180001, (J&K)** on or before **10.02.2022 (15.02.2022 for candidates residing in far flung areas)** . Application once submitted 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.

V. Payment:

Candidates are to deposit a non- refundable fee of Rs. 100/- (Rupee One hundred only) online through **SBI Collect** from the following link only.

<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=310473>

The SBI Collect reference number generated after the successful payment of fee is required to be mentioned in the online application. The candidates are advised to download the E-receipt (SB Collect receipt) and enclose it along with the hard copy, which is to be sent to the Institute by Speed Post.

The candidates belonging to SC/ST/PwD/Women/CSIR Employees are exempted from payment of application fee.

The following details must be mentioned on the backside of printed copy of generated acknowledgement of remitted application fee.

- i) 1. Candidate's Name 2. Application No. 3. Post code Applied for 4. Candidate's category
- ii) *The last date for receipt of hard copy of application is 10.02.2022. (For candidates residing in far flung areas viz North Eastern regions, Andaman & Nicobar Islands, Lakshadweep, Lahaul & Spiti Districts of Himachal Pradesh, U.T of Ladakh, etc. the last date of receipt of hard copy of Online Applications is 15.02.2022)*
- iii) In case of Universities/Institute/Boards awarding Grades etc., candidates are required to convert the same into percentage based on the formula given by their University/Institute/Board, which is to be supported also by relevant documents. In the absence of any formula being available, it may be considered either as linear scale (example: Grade of 8.65 =86.5% and vice versa) or any other formula may be considered by CSIR-IIIM to arrive at the percentage of marks. Institute's decision in this regard will be final and binding on the applicants.
- iv) After completely filling the online application form candidate can submit and take printout of the generated filled application. Candidates need to note down the application number for future communication. **The candidate must sign the computer-generated application while sending the hardcopy of application.**
- v) Applications from the employees of Government Departments will be considered only if forwarded through proper channel, with a vigilance clearance certificate and a certificate from the employer that the applicant, if selected will be relieved within one month of the receipt of the appointment orders. However, advance

copy of the application may be submitted before the closing date. Applications routed through proper channel should reach **CSIR-IIIM, Jammu** at the earliest.

- vi) Candidates should specifically note that the applications received after the closing date for any reason whatsoever (such as envelopes wrongly addressed, delivered elsewhere, postal delay etc.) will not be entertained by the Institute.
- vii) Incomplete applications (i.e. without photograph, application fee, applicable testimonials and unsigned applications, etc.) will not be entertained and will be summarily rejected.

VI. List of enclosures - Self-attested copies of the following documents must be enclosed with the hard copy sent by post:

- a) One colour photograph pasted on the form and signed across in full.
- b) Self-attested photocopy of Certificate(HS/HSSC/Birth Certificate) proving Date of Birth.
- c) Printed copy of SBI Collect Reference number.
- d) Self Attested photocopies of Certificates & Marks Sheets (semester wise/year wise) in support of minimum qualification and any other higher qualification.
- e) Self Attested photocopy of SC/ST/OBC/EWS certificate, if applicable. In case of widow/divorced women/judicially separated women, the relevant certificate may be attached. Attested copy of disability certificate issued by the Competent Authority in the form prescribed by the Gol.
- f) Self Attested photocopies of experience certificates.
- g) NOC in case of employees working in Govt. Departments/Autonomous Bodies/Public Sector Undertakings.
- h) Candidates applying for more than one post must submit separate Application form for each Post indicating the Post Code number by indicating all the post codes in every application submitted by the candidate.

Any update regarding this Advertisement will be uploaded on CSIR-IIIM website only. Hence, candidates are advised to keep checking the website for updates regularly.

Sd/-

[ANJUM SHARMA]

SR. CONTROLLER OF ADMINISTRATION

