



CSIR-INDIAN INSTITUTE OF TOXICOLOGY RESEARCH

(Council of Scientific & Industrial Research)

Vishvigyan Bhavan, 31, Mahatma Gandhi Marg , P.O. Box No. 80

Lucknow - 226 001, Uttar Pradesh, India.

Advertisement .No IITR/1/2016

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Last Date for Receipt of the application is 05.05.2016

A Unique opportunity for research careers in Science & Technology

The CSIR- Indian Institute of Toxicology Research (CSIR-IITR), Lucknow, a premier institute under the Council of Scientific and Industrial Research (CSIR), is involved in multidisciplinary R&D programmes of both basic and applied nature across scientific disciplines for economic, environmental and societal benefits for the people of India. CSIR-IITR is engaged in the areas of Environmental Toxicology; Food, Drug and Chemical Toxicology; Systems Toxicology & Health Risk Assessment; Regulatory Toxicology; Nanotherapeutics & Nanomaterial Toxicology . CSIR-IITR has two campuses; the main campus is located at the centre of Lucknow City and the other campus at a distance of approx. 20 km from the main campus.

Applications for following Scientific positions are invited from enthusiastic, young Indian researchers having excellent academic record and proven scientific achievements along with requisite experience and a high degree of motivation and desire to take up research as a career in the above mentioned areas.

The details of the positions and the respective emoluments as well as age limit as per norms are given below:

Designation	No. of Posts	Pay Band	Grade Pay	*Total Emoluments	**Upper Age Limit not exceeding as on last date receipt of application.
Scientist	12 (SC -1, ST-1, OBC -3 , UR-7)	Rs. 15600-39100 (PB-3)	Rs.6600/-	Rs. 67745/-	32 years.
Senior Scientist			Rs.7600/-	Rs. 77663/-	37 years.
Principal Scientist	02 (UR)	37400-67000 (PB-4)	Rs. 8700/-	Rs. 117337/-	45 years.
Senior Principal Scientist			Rs. 8900/-	Rs. 124507/-	50 years.

* Total Emoluments means approximate total emoluments on minimum of scale including House Rent Allowance in Class 'Y' City.

** Please see age relaxation under Relaxation column.

Post- Scientist

Post code	Pay Band / No. of Posts/Reservation	Names, Area / reservation & Grade Pay(GP) /Age limit not exceeding	Essential Educational Qualifications & Experience (May be restricted to higher qualifications for specific requirement of the Labs/Instt.) by recording proper justification in the file.)	Desirable Experience	Job specification
A.1	15600-39100 (PB-3)	Post -Scientist Area- Pathology GP Rs. 6600/- Age limit : 32 years	MVSc or MD or Ph.D (submitted in Zoology)	Specialization in Pathology/ Veterinary Pathology. Experience in the field of histopathology under GLP will be preferred.	To conduct histopathology of rodents and interpretation of results as per GLP norms.
A.2	No. of Post-01 OBC-01	Post- Senior Scientist Area- Pathology GP Rs. 7600/- Age limit : 37 years	MVSc/MD with 3 yrs experience or PhD in Zoology with two year experience in relevant field.		
B.1	15600-39100 (PB-3) No. of Post-02 UR- 01 OBC-01	Post - Scientist Area- Epidemiology GP Rs. 6600/- Age limit : 32 years	MBBS, MD (SPM/ Physiology/ Pharmacology/ Occupational Medicine/ Pathology/ Occupational Health/ Public Health/ Community Medicine) or Ph.D. submitted in Epidemiology/Public Health/Physiology.	Experience in Occupational/ Epidemiological studies.	To be a part of the dynamic team engaged in the research and development programmes in the field of Epidemiology / Community Medicine / Occupational Medicine having relevance with different disciplines of toxicology: Capable of independently designing and executing experiments and analysis of results in
B.2		Post-Senior Scientist Area- Epidemiology GP Rs. 7600/- Age limit : 37 years	MBBS, MD (SPM/ Physiology/ Pharmacology/ Pathology/ Occupational Health/ Public Health/ Community Medicine) with 3 years experience. or MBBS + Ph. D. awarded in Public Health/Epidemiology/ Occupational Medicine/Community Medicine/Physiology. or Ph. D. in Public Health/ Epidemiology/ Occupational Medicine/ Community		

			Medicine/Physiology with 2 years experience.		the field of Epidemiology / Community Medicine/ Occupational Medicine.
C.1	37400-67000 (PB-4) No. of Post-01 UR- 01	Post – Principal Scientist Area- Epidemiology GP Rs. 8700/- Age limit : 45 years	MBBS, MD (SPM/ Physiology/ Pharmacology/ Pathology/ Occupational Health/ Public Health/ Community Medicine) with 5 years experience. or MBBS + Ph.D. awarded in Public Health/Epidemiology/ Occupational Medicine/Community Medicine/Physiology with 3 years experience or Ph.D. in Public Health/ Epidemiology/ Occupational Medicine/ Community Medicine/Physiology with 3 years experience.	Experience in Occupational/ Epidemiological studies with proven documentary evidenced by publication in SCI journals.	To be a part of the dynamic team engaged in the research and development programmes in the field of Epidemiology / Community Medicine / Occupational Medicine having relevance with different disciplines of toxicology: Capable of independently designing and executing experiments and analysis of results in the field of Epidemiology / Community Medicine/ Occupational Medicine.
C.2		Post–Senior Principal Scientist Area- Epidemiology GP Rs. 8900/- Age limit : 50 years	MD/ MBBS +Ph.D (SPM/ Physiology/ Pharmacology/ Pathology/ Occupational Health/ Public Health/ Community Medicine) with 6 years experience. or MBBS + Ph.D. awarded in Public Health/Epidemiology/ Occupational Medicine/Community Medicine/Physiology with 6 years experience or Ph.D. in Public Health/ Epidemiology/ Occupational Medicine/ Community Medicine/Physiology with 6 years experience.		

D.1	15600-39100 (PB-3) No. of Post- 03	Post - Scientist Area- Analytical Chemistry GP Rs. 6600/- Age limit : 32 years	ME/M.Tech.(Chemistry) or PhD submitted in Chemistry/ Analytical Chemistry/ Science (AcSIR)	Experience in the field of Analytical Chemistry especially in the development and validation of novel analytical methods using the instruments like GC-MS/MS, LC-MS/MS, ICP-MS, UPLC coupled with sample preparation methods in complex matrices as evidenced by publications in SCI journals. The candidate must be familiar with NABL / ISO-17025 requirements.	To be a part of the dynamic team engaged in the development of novel analytical methods for environmental and biological samples as well as for new chemical entities. To assist biologists in characterizing the bio-transformed products using mass spectrometry; to analyze test samples as per NABL and GLP guidelines
D.2	UR-01 OBC-01 SC-01	Post-Senior Scientist Area- Analytical Chemistry GP Rs. 7600/- Age limit : 37 years	ME/M.Tech (Chemistry) with 3 years experience. or PhD in Chemistry/ Analytical Chemistry/ Science (AcSIR) with 2 years experience.		
E.1	15600-39100 (PB-3) No. of Post-01 UR- 01	Post - Scientist Area- Pulmonary Toxicology GP Rs. 6600/- Age limit : 32 years	MD (Medicine) Or MVSc Or PhD submitted in Physiology/Toxicology/ Biochemistry/Biotechnology/Zoology/Life Science/ Science (AcSIR).	Specialization in pulmonary biology with proven documentary evidenced by publication in SCI journals.	To be a part of dynamic team engaged in R&D relevant to inhalation toxicology and Pulmonary Pathobiology/ Toxicology.
E.2		Post – Senior Scientist Area- Pulmonary Toxicology GP Rs. 7600/- Age limit : 37 years	MD (Medicine)/Master of Veterinary Science with 3 years experience or Ph.D in Physiology /Toxicology/ Biochemistry/Biotechnology/Zoology/Life Science/ Science (AcSIR) with 2 years experience.		To assess safety/ toxicity of different particles/ chemicals in the context of pulmonary

					exposure scenario.
F.1	15600-39100 (PB-3) No. of Post-01	Post - Scientist Area- R&D Planning GP Rs. 6600/- Age limit : 32 years	PhD submitted in Biological/ Chemical Sciences/ Science (AcSIR).	Experience in planning, preparation of annual document, project management.	To coordinate with different scientific groups for collection, collation and preparation of scientific reports/ annual plan documents.
F.2	UR- 01	Post – Senior Scientist Area- R&D Planning GP Rs. 7600/- Age limit : 37 years	PhD in Biological/ Chemical Sciences/ Science (AcSIR) with 2 yrs experience.	Working experience in a scientific institution and sound knowledge of computers would be preferred.	
G.1	15600-39100 (PB-3) No. of Post-01	Post - Scientist Area-Material Sciences GP Rs. 6600/- Age limit : 32 years	ME / M.Tech in Chemical Engineering/ Material Sciences OR MTech from AcSIR with distinction OR PhD submitted in Chemical Engineering.	Experience in the field of Bio-sensors/ Biomaterial devices/ diagnostics.	To be a part of dynamic team towards development of Sensors in the areas of food and food products, environmental contaminants and other relevant areas.
G.2		Post – Senior Scientist Area- Material Sciences GP Rs. 7600/- Age limit : 37 years	ME/MTech. in Chemical Engineering/ Material Sciences with 3 yrs experience. OR PhD(Engg)		
H.1	15600-39100 (PB-3) No. of	Post - Scientist Area- Molecular Toxicology GP Rs. 6600/- Age limit : 32 years	PhD submitted in Microbiology/ Life Sciences/ Molecular Medicine/ Science (AcSIR).	Experience in studying toxicity in model organism using omic approaches	To be a part of the dynamic team engaged R&D in the field of

	Post-01			as evidenced by published work in SCI journals and patents.	Environmental biotechnology / Microbiology/ Environmental risk and assessment; Capable of independently designing and executing experiments and analysis of results in the field of environmental safety and control measures of chemical contaminants.
H.2	UR- 01	Post – Senior Scientist Area- Molecular Toxicology GP Rs. 7600/- Age limit : 37 years	PhD in Microbiology/ Life Sciences/ Molecular Medicine/ Science (AcSIR) with 2 years experience.		
I.1	15600-39100 (PB-3) No. of Post-01	Post - Scientist Area- Environmental Engineering GP Rs. 6600/- Age limit : 32 years	PhD submitted in Environmental Engineering or ME/M.Tech in Environmental Engineering or BE/B. Tech with advance diploma or M.Tech from AcSIR from distinction.	Experience in environmental and stack monitoring and EIA studies.	To be part of dynamic team to carry out studies on environmental impact assessment related programmes.
I.2	ST-01	Post -Senior Scientist Area- Environmental Engineering GP Rs. 7600/- Age limit : 37 years	PhD in Environmental Engineering or ME/M.Tech in Environmental Engineering with 3 years experience or M.Tech from AcSIR from distinction with 3 year experience in relevant field.		
J.1	15600-39100 (PB-3)	Post - Scientist Area- Food Toxicology GP Rs. 6600/- Age limit : 32 years	PhD submitted in Life Science/Zoology/Biochemistry/ Science (AcSIR).	Experience in development of protein/ enzyme based food biosensors.	Development of biosensors.

J.2	No. of Post-01 UR- 01	Post – Senior Scientist Area-Food Toxicology GP Rs. 7600/- Age limit : 37 years	PhD awarded in Life Science/ Zoology/ Science (AcSIR) with two year experience.	Experience in the field of protein biochemistry.	
K.1	37400-67000 (PB-4) No. of Post-01	Post – Principal Scientist Area-Computational Biology GP Rs. 8700/- Age limit : 45 years	PhD in Chemistry/ Biochemistry/ Science (AcSIR) with 03 years experience	Research experience in one or more of the areas of Computational Toxicity, QSAR, DFT descriptor development,	Strengthen CSIR-IITR's on-going Chemical/ Nano Toxicity programme by devising computational approaches for the development of predicative models and evaluate toxicity of chemicals and materials. The candidate is expected to train young researchers in the institute in relevant research. Lead R&D team and coordinate interdisciplinary research with various groups.
K.2	UR-01	Post – Senior Principal Scientist Area-Computational Biology GP Rs. 8900/- Age limit : 50 years	PhD in Chemical/ Biochemistry/ Sciences (AcSIR) with 06 years experience.	Modeling and prediction of toxicity of chemicals as evidenced by excellent publication track records in SCI journals.	

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. In addition to the emoluments indicated against each category of posts benefits such as applicability of New Pension Scheme, 2004, reimbursement of Medical expenses, Leave Travel Concession, Conveyance Advance and House Building Advance are available as per rules of CSIR.
- c. Scientists in Pay Band-3 and Pay Band -4 are eligible for 2 additional increments (without DA) and Professional update allowance of Rs.10,000/- per annum .
- d. 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 deputation for training/presentation of papers/specific assignments etc.
- e. CSIR provides excellent opportunities to deserving candidates for career advancement under Assessment Promotion scheme for Scientists.
- f. Deserving candidates for the post of may be considered for advance increment 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 submission 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 submission of 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 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.

- c. The application should be accompanied by self attested copies of the relevant educational qualification, experience. The prescribed qualifications should have been obtained through recognized Universities/Institutions etc. Incomplete applications/applications received late/ or 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 candidate for interview.
- f. If any document/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.
- g. The date for determining the upper age limit, qualifications and/or experience shall be the closing date of submission 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 prescribed educational qualifications prescribed for that Grade.
- 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. 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.
- l. 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 nearer to Lucknow Railway Station on production of Rail Tickets/Rail Ticket Numbers or any other proof of journey.
- m. 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.
- n. The decision of the IITR/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.
- o. Details of short listed candidates to be called for interview will be displayed in the IITR website, on finalization.
- p. Canvassing in any form and/ or bringing any influence political or otherwise will be treated as a disqualification for the post.
- q. **NO INTERIM ENQUIRY OR CORRESPONDENCE WILL BE ENTERTAINED**

3. Relaxations:

- a. The upper age limit is relaxable upto 05 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.
- b. Upper age limit is also relaxable upto five years for the regular employees working in CSIR laboratories / institutes, Government Departments, autonomous bodies and public sector undertakings.
- c. 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 their 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.
- d. 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' posts/services. The persons claiming age relaxation under this sub-para would be required to produce a certificate in prescribed proforma 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' posts to be filled by Direct Recruitment by Selection.
- 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 number of candidates possessing the requisite qualification and/ or experience are not available to fill up the posts.
- f. 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. How to apply:

- a. **Application form will be available on our website www.iitrindia.org/faculty.htm**
- b. Eligible candidates are required to download the application form from our website www.iitrindia.org/faculty.htm
- c. 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.
- d. 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- IITR" payable at Lucknow branch. The last date for submitting application** and making of Demand Draft is **05.05.2016**. 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. The candidates belonging to SC/ST/PH/Women/CSIR Employees/Abroad Candidates category are exempted from submission of application fee.**
- e. The signed application duly accompanied by attested copies of the certificates, mark sheets, testimonials in support of age, education qualification, experience, re-prints of publications and caste certificate, if applicable along with one recent passport size self-signed photograph affixed and should be sent in an envelope superscribed "APPLICATION FOR THE POST OF(Post Code.....)" by post to the Director, CSIR-Indian Institute of Toxicology Research, Vishvigyan Bhawan, 31, Mahatma Gandhi Marg, Post Bag No. 80, Lucknow-226001 **on or before date 05.05.2016 at time 5:30 p.m.** Candidates applying for more than one post must submit separate application form for each post indicating the Code No. of the post.
- f. Application once made will not be allowed to be withdrawn.

- g. Applications from employees of Government Departments 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 the CSIR- Indian Institute of Toxicology Research, Lucknow at the earliest.
- g. 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 IITR, Lucknow.
- h. Incomplete applications (i.e. without photograph, unsigned and applicable testimonials etc.) will not be entertained and will be summarily rejected.

5. 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 education qualifications certificates.
- e. Self Attested photocopy of caste certificate, if applicable.
- f. Self Attested photocopies of experience certificates, if any.