**A unique opportunity for research career in Science & Technology**

CSIR-Indian Institute of Toxicology Research (CSIR-IITR), Lucknow, a constituent laboratory of the Council of Scientific and Industrial Research (CSIR), was established on November 4, 1965. It is the only institute of toxicology in the country contributing towards cutting-edge research and innovation in toxicology with the motto: "Safety to Environment and Health and Service to Industry". CSIR-IITR has made an impact in addressing problems critical to human health & the environment as well as the safety of chemicals/products. The Institute has Good Laboratory Practice (GLP) Compliance Certification from NGCMA, Government of India, and NABL accredited facilities for Biological and Chemical testing services. Please visit [http://iitrindia.org](http://iitrindia.org) for further information.

CSIR-IITR has world class infrastructure and human resources in toxicology and providing one stop solutions to address environment and health issues. The institute has contributed globally to the knowledge base in various aspects of toxicology. Apart from high impact journal articles, scientists of CSIR-IITR have published various monographs, books, environmental air & water quality survey reports, awareness pamphlets (multilingual), and scientific contents in Hindi. CSIR-IITR has been at the forefront towards contributing to the research for policy and has provided inputs towards many policy documents, guidelines, and BIS/ISO standards. CSIR-IITR also provides a healthy innovation ecosystem through its “Technology Development and Innovation Centre” supported by BIRAC-BioNEST, DSIR-CRTDH. Scientists constantly interact with the industry to solve their problems through innovative technological solutions.

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:

<table>
<thead>
<tr>
<th>Designation</th>
<th>No. of Posts &amp; Reservation</th>
<th>Pay Matrix Level</th>
<th>Total Emoluments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientist</td>
<td>08 (UR=03, SC=01, OBC=03, EWSs=01)</td>
<td>Pay Matrix Level-11</td>
<td>Rs. 98,465/-</td>
</tr>
<tr>
<td>Senior Scientist</td>
<td>03 (UR)</td>
<td>Pay Matrix Level-12</td>
<td>Rs. 1,13,228/-</td>
</tr>
</tbody>
</table>

UR: Unreserved; SC: Scheduled Caste; OBC: Other Backward Class; EWS: Economically Weaker Section.

Senior Scientist Posts are lateral entry posts, in which reservation is not applicable.

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

** Please see age relaxation under “Relaxation column”.
## Entry Level Posts

<table>
<thead>
<tr>
<th>Post code</th>
<th>Place</th>
<th>Pay Matrix Level / No. of Posts / Reservation</th>
<th>Names, Area / Age limit not exceeding</th>
<th>Essential Educational Qualifications &amp; Experience</th>
<th>Desirable Experience</th>
<th>Job specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong></td>
<td>Pay Matrix level- 11 No. of Post-01 (UR)</td>
<td>Post - Scientist Area- Ecological Sciences Age limit: 32 years</td>
<td>PhD submitted in Ecological Science</td>
<td>Experience in EIA of terrestrial and aquatic ecology as evident by publications in SCI journals or part of EIA reports submitted at MoEF &amp; Climate Change. The candidates should preferably be accredited by Quality Council of India (QCI)-NABET (National Accreditation Board for Education &amp; Training)</td>
<td>To be part of dynamic team to carry out studies on environmental monitoring and environmental impact assessment, risk assessment studies and related activities.</td>
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</tr>
<tr>
<td><strong>B.1 &amp; B.2</strong></td>
<td>Pay Matrix level- 11 No. of Post-02 [B.1 (SC) &amp; B.2(OBC)]</td>
<td>Post - Scientist Area- Epidemiology Age limit: 32 years</td>
<td>MD (Social &amp; Preventive Medicine)/ Physiology/ Pharmacology/ Occupational Medicine/ Pathology/ Occupational Health/ Public Health/ Community Medicine) Or Ph.D. submitted in Epidemiology/Public Health/Physiology.</td>
<td>Experience in Occupational/ Epidemiological studies as evident by publications in SCI journals in the relevant area.</td>
<td>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.</td>
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</tr>
<tr>
<td><strong>C</strong></td>
<td>Pay Matrix level- 11 No. of Post-01 (EWSs)</td>
<td>Post - Scientist Area- Molecular Toxicology Age limit : 32 years</td>
<td>PhD submitted in Biochemistry/ Biotechnology/ Life Sciences/ Molecular Medicine/ Science in relevant area Or ME/M.Tech in Biotechnology</td>
<td>Published/demonstrable experience in the field of epigenetics and/or epigenomics in SCI journals. Experience with techniques including DNA and protein methylation/ acetylation analysis, micro RNAs, ChIP-seq, analysis of cellular memory modules including polycomb/trithorax proteins and genomic imprinting will be preferred.</td>
<td>The selected candidate will be a part of group working on mechanism dealing epigenetic regulation following environmental exposures and work independently in the above area.</td>
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</tr>
<tr>
<td><strong>D.1 &amp; D.2</strong></td>
<td>Pay Matrix level- 11 No. of Post-02 [D.1(OCBC) &amp; D.2(UR)]</td>
<td>Post - Scientist Area- Molecular Toxicology Age limit : 32 years</td>
<td>PhD submitted in Biochemistry/ Biotechnology/ Life Sciences/ Molecular Medicine/ Science in relevant area Or ME/M.Tech in Biotechnology</td>
<td>Published/demonstrable experience in the field of genome and epigenome stability, high throughput genome analysis, understanding of genomics, transcriptomics, and proteomics, cellular reprogramming with</td>
<td>To be a part of group working on genome integrity and work independently in the above area.</td>
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</table>
publications in SCI journals.
Or
Working experience is required in the area of genetic toxicology using different animal model and animal substitute technologies as evident by publications in SCI journals.

<table>
<thead>
<tr>
<th>Post - Scientist</th>
<th>PhD submitted in Statistics/ Bio-Statistics</th>
<th>Experience in Bio-Statistical / epidemiological tools like SPSS or SAS or STATA/ EPIINFO etc. as evidenced by excellent publication track records in SCI journals.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area - Statistics</td>
<td>Or ME/M.Tech in Statistics/ Bio-Statistics</td>
<td>To work with other scientists in data analysis using modern medical statistical tools, and to strengthen on-going research programmes in the area of toxicology. Work with Statistical / epidemiological packages like SPSS / S or SAS or STATA/ EPIINFO / Open epi etc. Provide guidance to colleagues and collaborators on study design, sampling, analysis and interpretation of study findings and write scientific reports.</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Post - Scientist</th>
<th>MD (Physiology)</th>
<th>Background/experience in inhalation toxicology, inhalation models as well as familiarity with inhalation dosimetry, exposure methods, adverse health effects of airborne toxicants and lung toxicity endpoints with strong skills in cell culture techniques and basic toxicological cellular assays as evident by publication in SCI journals. Candidate should be capable of working independently with minimum supervision.</th>
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</thead>
<tbody>
<tr>
<td>Area - Inhalation Toxicology</td>
<td>Or MVSc (Physiology)</td>
<td>To be a part of dynamic team engaged in R&amp;D relevant to inhalation toxicology and Pulmonary Pathobiology/ Toxicology. To assess safety/toxicity of different particles/chemicals in the context of pulmonary exposure scenario.</td>
</tr>
<tr>
<td>Age limit : 32 years</td>
<td>PhD submitted in Physiology/Toxicology/Biochemistry/Biotechnology/Zoology/Life Science/Science in relevant area.</td>
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</table>

**B: Lateral Level**

<table>
<thead>
<tr>
<th>Post code</th>
<th>Pay Band / No. of Posts / Reservation</th>
<th>Names, Area / Pay Matrix Level /Age limit not exceeding</th>
<th>Essential Educational Qualifications &amp; Experience</th>
<th>Desirable Experience</th>
<th>Job specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>Pay Matrix Level-12 / No. of Post-01 (UR)</td>
<td>Post – Senior Scientist Area- Nanomaterial Toxicology Age limit: 37 years</td>
<td>PhD in Life Sciences/ Biochemistry/ Biotechnology/ Science in relevant area with 2 years experience in Nanomaterial Toxicology.</td>
<td>Experience in nanomaterial toxicology using animal models and animal substitute technologies and understanding of risks associated with nanomaterials and policy processes about the risks and regulation of nanotechnology.</td>
<td>To be a part of the dynamic team engaged in the research and development programmes related to nanomaterial toxicology and capable of independently</td>
</tr>
<tr>
<td>H</td>
<td>Pay Matrix Level-12</td>
<td>No. of Post-01 (UR)</td>
<td>Post – Sr. Scientist</td>
<td>PhD in Computational Biology/Bioinformatics with 2 years experience in desired area or ME/M.Tech in Bioinformatics or Genome Informatics or Genetic Engineering with 3 years experience in desired area</td>
<td>Experience of understanding fundamental science behind Artificial Intelligence, machine learning, novel Artificial Intelligence algorithms and architectures, software engineering principles for Artificial Intelligence, natural language processing with proficiency in programming as evident by publications in SCI journals with high impact factor.</td>
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</tr>
<tr>
<td>I</td>
<td>Pay Matrix Level-12</td>
<td>No. of Post-01 (UR)</td>
<td>Post – Senior Scientist</td>
<td>PhD in Biochemistry or Life Sciences or analytical chemistry, chemical sciences or Science in relevant area with 2 year experience in Metalobomics or ME/M.Tech in Chemistry with 3 years experience in relevant area.</td>
<td>The Metabolomic Study Scientist should be an exceptionally effective scientist with practical knowledge of metabolomics data sets, interpretation of complex set of analytical data to generate scientifically sound conclusions as evident by publications in the area of metabolomics</td>
</tr>
</tbody>
</table>

UR: Unreserved; SC: Scheduled Caste; ST: Scheduled Tribe; OBC: Other Backward Class; EWSs: Economically Weaker Sections.

**C: 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. In addition to the emoluments indicated against each category of posts, benefits such as applicability of New Pension Scheme 2004, reimbursements of Medical Expenses, Leave Travel Concession and House Building Advance are available as per CSIR rules.
   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 as per CSIR Rules.

2. **Other conditions**
   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 as on the last date of submission of online applications i.e. 21.09.2020 up to 5:30 pm. 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 online applications i.e. 21.09.2020 up to 5:30 pm. 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 to be submitted with the hard copy (print-out) of the application. Completion of Ph.D. degree will be reckoned from the date of issue of provisional certificate/notification.

c. The hard copy (print-out) of the application for each post, generated after filling Online application form, should be accompanied by self-attested copies of the relevant educational qualification, experience. Candidate should submit hard copy in separate envelope with post-code. The prescribed qualifications should have been obtained through recognized Universities/Institutions etc. Incomplete applications/applications received without 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 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 prescribed for submission of online application i.e. 21.09.2020.

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 Post.

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 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 performed within India. Candidates who are already in the service of the Central/State Govt., a Central/State Govt. Corporation, Public Sector undertaking, local Govt. Institution or Panchayat called for Interview will not get T.A.

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 IITR/CSIR 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.

n. Canvassing in any form and / or bringing any influence political or otherwise will be treated as a disqualification for the post.

o. NO INTERIM ENQUIRY OR CORRESPONDANCE WILL BE ENTERTAINED.

3. **Relaxations**:

a. The upper age limit is relaxable up to 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 up to 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 (up to 40 years for members of Scheduled Castes/Scheduled Tribes and up to 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/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 since.

d. Age relaxation to Physically Handicapped (PH) persons: Age relaxation of 10 years is allowed (total 15 years for SCs/STs and 13 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. Economically Weaker Sections (EWSs) reservation will be as per DoPT Ministry of Personnel, Public Grievances & Pension, Govt. of India O.M No. 36039/1/2019-Estt(Res.) dated 31.01.2019

f. 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.

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.

4: **How to apply**

a. Candidates can apply through online portal, link of which will be available on CSIR-IITR website http://iitrindia.org/En/Recruitment.aspx from 19-08-2020 at 11:00 am onwards and closes on 21-09-2020 at 5:30 pm. It is mandatory to take the print out of the successfully submitted online application form, sign the same and attach the self attested mandatory documents & Photo. The print out of the application along with the relevant documents must reach CSIR-IITR on or before 05-10-2020 at 5:30pm.

b. Candidates are required to pay application fee of Rs. 100/- as per “Fee payment procedure” available on the website. Printed copy of e-receipt of the same must be enclosed with the application.

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

d. Candidate is required to upload his/her recent passport size scanned colour photograph, signature each (max size 50 KB) and also relevant certificates at the specified places in the online application.

e. Candidates should keep a copy of the application print – out and payment details, if any , for their record.

f. Fee once paid will not be refunded on any account nor can it be held in reserve for any other recruitment of selection process.

g. A candidate can apply for multiple post codes subject to fulfilling all eligibility conditions attached to each individual post code. However, candidate needs to fill the application (except primary/registration details) with the requisite application fee separately for each post code.

h. Candidates applying for more than one post must submit separate application form for each post indicating the Code No. of the post.

i. The print-out of the application, generated after online submission, duly accompanied by self-attested copies of the requisite certificates, mark sheets, age proof, education qualifications, experience, re-prints of publications and caste certificate, if applicable, along with one recent colored passport size self-signed photograph affixed on the online generated application form should be sent in an envelope super-scribed “APPLICATION FOR THE POST OF ______________ (Post Code __________)” by speed/Registered post only so as to reach on or before 05-10-2020 upto 5:30 pm to “Director, CSIR-Indian Institute of Toxicology Research, Vishvigyan Bhawan, 31, Mahatma Gandhi Marg, Post Bag No. 80, Lucknow-226001”. Candidates applying for more than one post must submit each application in separate envelope for each post indicating the Code No. of the post.

j. Applications from Employees of Govt. Departments will be considered only if forwarded through proper channel along with vigilance clearance certificate certified by their employer that the applicant will be relieved within one month of the receipt of the appointment orders, if selected. However, advance copy of the application may be submitted before the closing date. Application routed through proper channel should reach CSIR-IITR, Lucknow within 15 days from the last date prescribed for receipt of applications otherwise online application will be rejected. NOC must be submitted at the time of interview.

k. 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.

l. Incomplete applications (i.e. without photograph, unsigned and applicable testimonials etc.) will not be entertained and will be summarily rejected.

**Printout of Online Application Form duly signed by the candidate along with following documents must be sent by Speed Post/Registered post only:**

a. Proof for remittance of application fee paid through SBI collect (E- Receipt/Transaction reference), wherever applicable.

b. One recent Passport size Coloured Photograph (same as uploaded with the online application form) to be pasted on the application form and signed across in full.

c. Self Attested photocopy of 10th/12th certificate indicating Date of Birth Certificate.

d. Self Attested photocopies of educational qualifications certificates as well as mark sheets.

e. Self Attested photocopy of caste certificate or any certificates, if applicable.

f. Self Attested photocopies of experience certificates, if any.

g. Recommendations of the referees, if any.

h. All other supportive documents in support of the application.