

**CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY**

[Council of Scientific &amp; Industrial Research]

Jorhat-785006, Assam

**ADVERTISEMENT NO. 1/2019-REC***“Government strives to have a workforce which reflects gender balance and women candidates are encouraged to apply”*Date of commencement of online applications: **06.07.2019**Last Date of receipt of online applications: **07.08.2019**Last Date of receipt of hard copy of the application print out: **16.08.2019****Careers in Science & Technology**

CSIR-North East Institute of Science and Technology, Jorhat, a premier institute under the Council of Scientific and Industrial Research (CSIR), 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. The Institute is equipped with sophisticated state-of-art analytical and other equipments, lab and pilot facilities to carry out research activities in frontier areas of science.

CSIR-NEIST invites online applications from Indian citizens who are dynamic, energetic, innovative and possess leadership qualities, for the below mentioned categories of posts to fill up vacancies as per the particulars given below.

Particulars of the Post: Scientist, Pr. Scientist.			Total – 16 posts UR-6, OBC-5, SC-1, ST-2, PWD: HH-01,EWS-1	
Post Code	No. of posts	Reservation	Pay Matrix Level	Upper Age Limit (Age relaxation as per Gol rules)
SCT-1 Backlog	1	ST	Level 11, Rs 67700/-	32 years as on 07.08.2019
SCT-2 Backlog	1	OBC		
SCT-4 Backlog	1	UR (HH)		
SCT-13 Backlog	1	OBC		
SCT-15 Backlog	1	SC		
19SCT-1	1	UR		
19SCT-2	1	EWS		
19SCT-3	1	OBC		
19SCT-4	1	OBC		
19SCT-5	1	UR		
19SCT-6	1	UR		
19SCT-7	1	ST		
19SCT-8	2	1-UR,1-OBC		
19PSC-1	1	UR	Level 13, Rs 123100/-	45 years as on 07.08.2019
19PSC-2	1	UR		

Abbreviations used: UR - Unreserved, SC-Scheduled Castes, ST - Scheduled Tribes, OBC - Other Backward Classes, HH-Hearing Handicapped, EWS- Economically Weaker Sections.

Applications are invited along with requisite experience for the following posts. The minimum essential qualifications, experience, job requirements for the above posts are as under:

**Backlog Posts (Scientist):**

Post code No./ No. of post/ Reservation	Division	Essential Qualification	Desirable Qualification/ Experience
SCT-1 ST	BSTD: Medicinal Aromatic and Economic Plant	Ph.D. (awarded / thesis submitted) in Agriculture/Agronomy	Minimum 2 years Post Doctoral Research/Industry/Field experience in Medicinal, Aromatic and Economic plants/ Agronomy.
SCT-2 OBC	BSTD: Biotechnology	Ph.D. (awarded / thesis submitted) in Biotechnology/Microbiology/Life Sciences/Botany	Minimum 2 years Post Doctoral Research/Industry experience in environmental biotechnology/fermentation technology/ microbiology/ enzymology.
SCT-4 UR (HH)	CSTD: Analytical Chemistry	Ph.D. (awarded / thesis submitted) in Chemistry/ Chemical Sciences/Applied Chemistry/Analytical Chemistry/ Materials Science	Minimum 2 years Post Doctoral Research/Industry experience in crystallization, characterization and analysis of pharmaceuticals, organic/ coordination compounds etc. by single crystal X-ray diffraction technique, SEM,TEM, XPS, etc.
SCT-13 OBC	GSTD: Geoscience	Ph.D. (awarded / thesis submitted) in Geology / Applied Geology	Minimum 2 years Post Doctoral Research/Industry experience of working in Structural Geology/Engineering Geology related to the Seismically active regions.
SCT-15 SC	MSTD: Advanced Materials	Ph.D. (awarded / thesis submitted) in Chemistry / Chemical Sciences/ Applied Chemistry/ Materials Sciences	Minimum 2 years Post-Doctoral Research/Industry experience in synthesis and application of ceramic membranes/ monoliths, high temperature ceramics, heterogeneous catalysts, nano materials/composites in air/water purification and catalytic chemical reactions.

**Fresh Vacancies (Scientist):**

Post code No./ No. of post/ Reservation	Division	Essential Qualification	Desirable Qualification/ Experience
19SCT-1 1 post UR	BSTD: Medicinal Aromatic and Economic Plant	Ph.D (Thesis submitted/awarded) in Agricultural Agronomy/ Botany	Minimum 2 years post-doctoral research/ Industry experience in the subject of Agronomy/Plant breeding
19SCT-2 1 post EWS	BSTD: Biotechnology	Ph.D (Thesis submitted/awarded) in Life Science/ Botany/ Environmental Engg./ Biotechnology	Minimum 2 years post-doctoral research/Industry experience in environmental microbiology / environmental biotechnology/ environmental engineering/ environmental pollution control
19SCT-3 1 post OBC	CSTD: Natural Products Chemistry	Ph.D (Thesis submitted/awarded) in Chemistry/Chemical Sciences/Natural Products Chemistry	Minimum 2 years post-doctoral research/industry experience in organic total synthesis or process technology or API development.
19SCT-4 1 post OBC	ESTD: General Engineering	M.E/M.Tech in Mechanical Engineering with First Class B.E/B.Tech in Mechanical Engineering	Minimum 3 years post qualification research/ Industry experience in Mechanical Design and Simulation for thermal and Fluid application from a recognized institute/ organization.
19SCT-5 1 post UR	ESTD: Chemical Engineering	Ph.D (Thesis submitted/awarded) in Chemical Engineering	Minimum 2 years Research/Industry experience in Chemical Process

			Development and optimization.
19SCT-6 1 post UR	MSTD: Advanced Materials	Ph.D (Thesis submitted/awarded) in Chemistry/Chemical Science,/Applied Chemistry/ Materials Science	Minimum 2 years Post doctoral research/ Industry experience in the areas of 2D materials/minerals like clay, graphite and derivative of graphitic compounds. Experience in synthesis, characterization and application of the nanocomposites.
19SCT-7 1 post ST	MSTD: Polymer, Petroleum and Coal Chemistry	M.E/M.Tech in Petroleum Technology /Petroleum Engineering/Petroleum Chemistry	Minimum 3 years post qualification experience in Petroleum Technology /Petroleum Engineering/ Petroleum Chemistry
19SCT-8 (2 posts) 1 UR, 1 OBC	ACDS: Advanced Computation and Data Sciences Division	Ph.D (Thesis submitted/awarded) in Computational Chemistry/ Computational Biology/ Computer Science	Minimum 2 years post doctoral research/industrial experience in programming, software development, machine learning, artificial intelligence and deep learning techniques.

### **Fresh Vacancies at Lateral Entry Level (Principal Scientist):**

Post code No./ No. of post/ Reservation	Division	Essential Qualification	Desirable Qualification/ Experience
19PSC-1 1 post UR	BSTD: Biotechnology	Ph.D. In Life Sciences/ Biological Sciences/Botany/Biotechnology/ Biochemistry/Molecular biology with 3 years Post-Doctoral experience in the relevant field	Minimum 6 years Post-doctoral research/Industry experience in Molecular biology/Proteomics in human health/ proteomics in plant sciences.
19PSC-2 1 post UR	CSTD: Applied Organic/Natural Product Chemistry	Ph.D in Chemistry/ Organic chemistry/ Chemical Sciences with 3 years Post-Doctoral experience in the relevant field	Minimum 6 years Post-doctoral research/Industry experience in organic total synthesis/synthetic methodologies/ process technology/natural products research or API development.

**Job requirements/ Nature of Job:** The incumbents are expected to participate in the ongoing research activities and bring value addition besides conceiving and initiating own research projects in his/her area. The incumbents are expected to be up to date and conversant with various standards prevalent and applicable to his/her relevant area. The incumbents are expected to have the capability to establish networks with other stake holders involved and participate in the societal projects in relevant areas. The incumbents are expected to adhere to the mandate of the institute and work towards the overall R&D goals of their respective divisions or work areas as assigned from time to time.

**Persons belonging to the differently-abled category are also encouraged to apply for the above posts. The list of Posts identified suitable for differently-abled Persons along with the Physical Requirements and Functional Classifications are given below:**

Sl. No	Post Code / Name of Post	Physical Requirements	Functional Classification
1	SCT-1, 19SCT-1: Scientist(MAEP)	S,ST,W,MF,RW,SE,C	OL,OA,BL,HH
2	SCT-2 ,19SCT-2, 19PSC-1: Scientist(Biotechnology)	S,ST,W,RW,BN,MF,SE	OL,HH
3	SCT-4: Scientist(Analytical Chemistry)	S,ST,W,RW,BN,MF,SE	OL,HH
4	SCT-13: Scientist (Geo science)	S,ST,W,BN,MF,SE,H.C	OL,OA,HH
5	SCT-15, 19SCT-6: Scientist(Advanced Materials)	S,ST,W,BN,MF,SE,H,C	OL,OA
6	19SCT-3, 19PSC-2: Scientist(Natural Products Chemistry)	S,ST,W,BN,MF,SE,H,C	OL,OA
7	19SCT-4: Scientist (General Engineering)	S,ST,MF,SE,BN,KC,H,C	OL,HH
8	19SCT-5: Scientist(Chemical Engineering)	S,ST,W,BN,MF,SE,H,C	OL,OA
9	19SCT-7: Scientist(Polymer, Petroleum & Coal Chemistry)	S,ST,W,RW,BN,MF,SE	OL,HH

10	19SCT-8(2 posts): Scientist (Computer Science)	S,ST,W,MF,RW,SE,C	OAL,OL,OA,BL,HH
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**ABBREVIATIONS USED:**

Code	Physical Requirements
S	Sitting
ST	Standing
W	Walking
BN	Bending
KC	Kneeling & Crouching
MF	Manipulation by Fingers
RW	Reading & Writing
SE	Seeing
H	Hearing
C	Communication

Code	Functional Classification
OA	One Arm
BL	Both Leg
OAL	One Arm and One Leg
HH	Hearing Impaired
OL	One Leg

**Selection Procedure:** The candidates recommended by the Screening Committee will be called for Personal Interview.

**Mode of selection:** Personal Interview.

**General information and conditions:-**

**1. Benefits under Council service:**

- 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 Residence allotment rules depending on availability in which case HRA will not be admissible.
- 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, Conveyance advance and House Building Advance are available as per CSIR rules.
- 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.
- CSIR provides excellent opportunities to deserving candidates for career advancement under Assessment Promotion scheme for Scientists.
- Deserving candidates may be considered for advance increment as per CSIR Rules.
- The appointees are liable to be posted any of the Laboratories/ Institutes of CSIR situated in other parts of India as and when need arises.

**2. Other Conditions**

- The applicant must be a citizen of India.
- All applicants must fulfil 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.
- Applications from employees of Government Departments, Autonomous bodies, Public Sector Undertakings, etc 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 in such cases. However, advance copy of the application may be submitted before the closing date. Applications routed through proper channel should reach CSIR-NEIST, Jorhat at the earliest.
- The hard copy (print-out) of the application should be accompanied by self attested copies of the relevant educational qualification, category, experience etc. 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.

- 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. The decision of CSIR with regard to equivalence of qualification(s) and about recognition of Universities/ Institutes shall be final and binding.
- 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.
- g. 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.
- h. The date for determining the upper age limit, qualifications and / or experience shall be the closing date prescribed for submission of online applications i.e. 07.08.2019.
- i. The period of experience in a discipline / area of work, wherever prescribed, should be in relevant area of work/field indicated against such posts and shall be counted after the date of acquiring the minimum prescribed educational qualifications prescribed for that post.
- j. Persons with disabilities (PWD) fulfilling the eligibility conditions prescribed under GOI instructions are encouraged to apply.
- k. Reservation for Economically Weaker Sections (EWS) is applicable as per GOI instructions.
- l. In case a candidate is staying abroad, his/her candidature may be considered in absentia by the Selection Committee on his/her written request.
- m. Any discrepancy found between the information given in application and as evident in original documents will make the candidate ineligible for appearing in the personal interview. Such candidate will not be paid any fare.
- n. 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 Jorhat Railway Station on production of Rail Tickets/Rail Ticket Numbers or any other proof of journey.
- o. The decision of the CSIR-NEIST, Jorhat in all matters relating to eligibility, acceptance or rejection of application, mode of selection, and conduct of examination/interview will be final and binding on the candidates.
- p. Canvassing in any form and/ or bringing any influence political or otherwise will be treated as a disqualification for the post.
- q. The Director, CSIR-NEIST reserves the right to cancel the advertisement without assigning any reason thereof.
- r. Notifications regarding dates for Personal Interview shall be displayed on the Institute's website: [www.neist.res.in](http://www.neist.res.in)
- s. No interim enquiry or correspondence will be entertained.

### **3. Relaxation:**

- a. The upper age limit is relaxable upto 05(five) years for SC/ST and 03(three) years for OBC 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 format prescribed by Govt. of India signed by the appropriate competent authority at the time of interview. It may please be noted that the appointments to the reserved posts will be provisional and subject to the verification of caste certificates through proper channel.
- 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. This concession is admissible to such Govt. servants who have rendered not less than three years continuous service and are working in posts which are in the same line or allied cadres and where a relationship could be established that the service already rendered in a particular post will be useful for the efficient discharge of the duties of the posts, recruitment to which has been advertised.
- c. Upper age limit for persons with disabilities shall be relaxable by
  - i. 10 Years relaxation is allowed. (15 years for SC/ST candidates and 13 years for OBC candidates).
  - ii. Relaxation in age limit shall be applicable irrespective of the fact whether the post is reserved or not, provided the post is identified suitable for persons with disabilities.
  - iii. 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 posts to be filled by Direct Recruitment by Selection.

d. As per GOI provisions, age relaxation for Widows, Divorced Women and Women Judicially separated from Husbands, who are not remarried, 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). 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. 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 is 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. Eligible candidates are required to apply ONLINE through our website **WWW.NEIST.RES.IN**. No other mode of application will be considered.
- b. If the candidate does not have a valid email id, he/she should create a new valid email id before applying online.
- c. Candidates are advised to go through the instructions for Online Application carefully before applying.
- d. Online application will be available in the CSIR-NEIST website from **06.07.2019** and the closing date of online application will be **07.08.2019 till 5 PM**. The applicant has to upload his/her recent passport size photo while filling up the online application and take the print out of the successfully submitted online application.
- e. 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-NEIST, Jorhat" payable at Jorhat**. The last date for submitting online application and making of Demand Draft is **07.08.2019**. 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 are exempted from payment of application fee.
- f. Successful online application is indicated by the page displayed after clicking **Submit Button** indicating the generated **"APPLICATION NUMBER"**. Please note down the same carefully and preserve it, you will not be able to Re-print the Application.
- g. In case candidate wants to modify/withdraw the application there is a 'CANCEL' option to cancel the online application. Please note that application once cancelled will not be retrieved at any stage. If you have cancelled the application, please reapply before the closure of Application Date as per advertisement. Please remember to take fresh print out after modifying any details.
- h. This duly signed computer generated application (print-out) accompanied by self - 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 an envelope super scribed **"APPLICATION FOR THE POST OF \_\_\_\_\_(Post Code \_\_\_\_\_)"** by post to the address:

**The Administrative Officer,  
CSIR- North East Institute of Science and Technology (NEIST),  
Jorhat-785006,  
Assam.**

- i. Candidates applying for more than one post must submit separate application form for each post indicating the Code No. of the post. The hard copy(s) of each application must be accompanied by separate Demand Draft(s). Only a single application will be entertained from each applicant for each post code and in case an applicant submits multiple online

applications for the same post code with different email ids, only the latest completed application will be considered in case he/she submits the hard copy (print out of the online application) within the prescribed time.

- j. 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.
- 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 CSIR-NEIST, Jorhat.
- l. In case of universities/Institute awarding CGPA/SGPA/OGPA grades etc., candidates are requested to convert the same in to percentage based on the formula as per their university/institute.
- m. Incomplete applications (i.e. without photograph, unsigned, application fee(if 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. Signed copy of the printed online application form.
- b. Demand Draft of Rs.100./-(Rupees One hundred only) as application fee, where applicable.
- c. Coloured photograph pasted on the form and signed across in full.
- d. Self Attested photocopy of Date of Birth Certificate.
- e. Self Attested photocopies of education qualification certificates.
- f. Self Attested photocopy of Caste Certificate, if applicable.
- g. Self Attested photocopies of experience certificates, if any.
- h. Self Attested photocopies of PWD category certificate (if applicable).
- i. No Objection Certificate (NOC) if applicable.

Sd/-

**प्रशासनिक अधिकारी/Administrative Officer**  
**CSIR- NORTH-EAST INSTITUTE OF SCIENCE AND TECHNOLOGY,**  
**JORHAT, ASSAM.**