



CSIR-NORTH EAST INSTITUTE OF SCIENCE AND TECHNOLOGY
(Formerly, RRL, Jorhat) JORHAT – 785006
(Council of Scientific & Industrial Research)

Advertisement N0.2/2011-REC

Last date of receipt of application:16th January,2012.

“Government strives to have a workforce which reflects gender balance and women candidates are encouraged to apply”

CSIR-North East Institute of Science and Technology, Jorhat, a constituent establishment of CSIR, an Autonomous organization under the Government of India, is an advanced multidisciplinary laboratory having research areas like Medicinal Chemistry, Natural Products Chemistry, Synthetic Organic Chemistry, Analytical Chemistry, Biotechnology, Medicinal, Aromatic and Economic Plants, Geosciences, Petroleum & Natural Gas, Applied Civil Engineering, Chemical Engineering, General Engineering, Cellulose Pulp & Paper, Material Science, Coal, Instrumentation etc. 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. The Director CSIR-North East Institute of Science and Technology, Jorhat invites application from Indian nationals who are young dynamic, self motivated, talented and experienced with leadership qualities for the under mentioned R&D Scientific posts in the following areas.

- **Name of post: Scientist**
- **No of Posts:12(6-UR,02-SC,01-ST,3-OBC)**
- **Pay Band 3, Rs. 15600-39100, Grade Pay:Rs.6600***
***[The Selection Committee depending on the performance of the candidate may choose to place the candidate in any of the Grade Pay within the pay band subject to meeting the minimum eligibility criteria).**
- **Maximum Age limit: 32 Years as on 16th January 2012.**

(Relaxable 5 Yrs for SC/ST & 3 Yrs for OBC in their respective reserved posts).

1. Code No: 01-GS, Area: Geophysics, No. of posts: One
Deptt. /Division: Geoscience, Reservation: UR

Essential Qualifications: PhD in Geophysics/Physics with theses topic on Electronics (thesis submitted/awarded)

Job Requirement: To assist the senior level Scientists in their project works. The incumbent will be required to assist in setting up of seismic observatories, site selection, creation of basic field infrastructure for installation and routine operation/maintenance of seismic equipments/multiparametric geophysical observatory. Apart from above, the candidate should be able to carry forward the research activities on Seismotectonics studies related to crustal velocity structure, waveform inversion, hazard related studies etc.

Desirable: Preference will be given to candidates with R&D work experience in Earthquake Seismology. Knowledge of handling seismological software and expertise related to estimation of Crustal velocity structure/waveform modelling/Anisotropy studies are desirable.

2.Post Code No.:02-CCh. No.of Post:One,Area:Fuel Engineering/Clean Coal&Energy Technology.Deptt/Division:Coal Chemistry.Reservation:SC.

Essential Qualification:ME/M.Tech(Chemical Engineering/Energy Technology/Fuel Engineering) from a Government recognized University/Institute.

OR

Ph.D in relevant subject(thesis submitted/awarded).

Job Requirement: The incumbent is expected to assist Scientists of higher grades in initiating & conducting experiments on process development. Should have knowledge on coal conversion processes and environmental issues. May be required to operate and maintain pilot plants for scale up processes related to coal utilisation, and operate equipments related to coal testing and analysis.

Desirable: The candidate should possess R&D work experience with good publications and experience in Clean Coal Technologies. The candidate should possess excellent communication skills, both written & oral along with good computer skills and should have ability to work in team.

3. Post Code No: 03-CE, No. of Post: One, Area: Civil Engineering (Geotechnical) Reservation: ST, Place of Posting: Branch Laboratory, Itanagar, Arunachal Pradesh.

Essential Qualifications:ME/M.Tech. in Civil Engineering

OR

PhD in Civil Engg. (Thesis submitted/awarded)

Job Requirement: The incumbent will assist & perform laboratory & field works in connection to geotechnical soil investigation projects, civil engineering related consultancy projects, soil/cement/building/road material test works and also perform civil engineering constructions related duties including R&D activities in Arunachal Pradesh Branch Lab. of NEIST-Jorhat, Manipur Sub-station and Tripura out-station.

Desirable: PhD in Civil Engineering, having experience in Geotechnical investigations, field and laboratory analysis and tests related to building materials. Knowledge in computer applications/programming, auto- CAD desired.

4. Post Code No: 04-MAEP, No. of Post: Three, Area: Plant Science (Plant Breeding/Agronomy), Deptt./Division: Medicinal Aromatic& Economic Plants, Reservation: 1-SC(for BLI, Itanagar), 1- UR(for sub-station Imphal, Manipur), 1-OBC(for Jorhat)

Essential Qualifications: Ph D in Agriculture (Agronomy/ Plant Breeding)/Botany with specialization in Agronomy/Plant Breeding (Thesis submitted/awarded)

Job Requirement: Conducting field trials for development of Agro-technology package and superior varieties of Medicinal/Aromatic Plants, multiplication of designated varieties under field condition etc.

Desirable: The candidate should possess work experience in field studies, layout designing and familiarities with plant breeding approaches.

5. Post Code No: 07-BT, No. of Post: One, Area: Bioinformatics, Deptt./Division: Biotechnology, Reservation: UR

Essential Qualifications: PhD in Bioinformatics (Thesis submitted/awarded)

Job Requirement: To perform, computer aided drug-designing, protein modelling, imparting trainings to scholars in Bioinformatics and Chem-informatics software, maintaining and operating bioinformatics centre.

Desirable: Experiences in Bioinformatics (BIF) centre, operating various bioinformatics software, servers, delivering talks and conducting national level training in bioinformatics.

6. Post Code No: **08-BT**, No. of Post: One, Area: Molecular Biology, Deptt./Division: Biotechnology, **Reservation: UR**

Essential Qualifications: PhD in Molecular Biology/Microbiology/Biotechnology (thesis submitted/ awarded)

Job Requirement: To perform Real time PCR; antisense technology; RNA/DNA analysis; molecular taxonomy and metagenomics.

Desirable: Incumbent must possess minimum one year R&D work experience in relevant subject, with proven knowledge/skills of basic microbiology techniques, gene manipulation and molecular cloning in bacterial systems, plasmid vector construction, isolation of genomic and plasmic DNA and nucleic acid separation with published research paper, patents.

7. Post Code No: **09-E&I**, No. of Post: One, Area: Instrumentation, Deptt./Division: Instrumentation, **Reservation: Hearing handicapped(H.H) (Age Relaxation for this post will be : 10 years for SCs/STs and 8 years for OBCs, 5 Yrs for Gen.)**

Essential Qualifications:ME/M Tech. in Electronics & Instrumentation/Electronics and Communication from a recognized University / Institute.

OR

PhD in Electronics /Electronics and Communication (Thesis submitted/awarded).

Job Requirement: Maintenance of electronic equipments, internal LAN and telephone network, testing and calibration of equipments, taking up projects in the field of electronics and communication technology and to assist senior staff of the department.

Desirable: Ph D in Electronics or Electronics & Communication or two years experience in the field of Electronics/Instrumentation/communication will be added qualification.

8. Post Code No: **010- NPC**, No. of Post: One, Area: Cell Biology & Cell line & Tissue Culture, Deptt. /Division: Natural Products Chemistry, **Reservation: UR**

Essential Qualifications: PhD in Zoology/ Pharmacology/Pharmacy (Thesis submitted/awarded)

Job Requirement: To carry out *in vitro* bio-evaluation to determine bio-efficacy/toxicity of Organic molecules/extracts. To take active interest to develop independent projects in the area and generate high quality research output.

Desirable: 2-3 years experience in Cell biology, cell line and animal tissue culture or PhD in Zoology/ Pharmacology/Pharmacy/Chemistry with 1-year experience in Cell biology, Cell line and animal tissue culture.

9. Post Code No: **011-NPC**, No. of Post: One, Area: Veterinary Science, Deptt./Division: Natural Products Chemistry, **Reservation: OBC**

Essential Qualifications: Ph D in Veterinary Science with specialization in Live Stock Production & Management/ Animal breeding & genetics (Thesis submitted/awarded)

Job Requirement: To assist in setting up a new animal house facility. To breed experimental animals and rear them. To up-keep the animal house facility as per latest national guidelines.

Desirable: 2-3 years experience in breeding experimental animals like mice, rats, etc.

10. Post Code No: **012- NPC**, No. of Post: One, Area: Animal Pathology/Animal Toxicology, Deptt. /Division: Natural Products Chemistry, Reservation: **OBC**

Essential Qualifications: Ph D in Veterinary Pathology/ Veterinary Microbiology (Thesis submitted/ awarded)

Job Requirement: To maintain the experimental animals in the animal house facility and maintain them for experimental study.

Desirable: 2-3 years experience in working with rearing and maintenance of experimental animals like mice, rats etc.

General Benefits under Council Service:

1. Council accommodation will be provided to the incumbents as per priority list of the Institute.
2. Scientists are eligible for two additional increments (without D.A) as personal pay.
3. All scientists are eligible for professional update allowance as per existing rules of CSIR.
4. In addition to the emoluments indicated against each category, benefits such as New Pension Scheme based on defined contribution, Reimbursement of indoor medical treatment Expenses, Conveyance Advance, House Building Advance etc. and all benefits/allowances applicable in Jorhat under the 6th Central Pay Commission are admissible as per rules of CSIR.
5. A Scientist can augment his income with earnings by way of honorarium/intellectual fees from consultancy/technical services and R&D sponsored project undertaken by the Institute.
6. CSIR/NEIST, Jorhat offers excellent opportunities for career advancement. Scientist can look forward for promotions under Flexible Complementing Scheme of CSIR.

General terms and conditions:

1. Apart from the post code No.09-E&I, which is specifically reserved for the Hearing Handicapped, the following posts are also identified suitable for persons with disabilities:

- (i) Post code Nos.04-MAEP, 07-BT & 08-BT: OL,BL, OA &OAL
- (ii) Postcode Nos.010-NPC,011 NPC,012-NPC : HH & OL
- (iii) Postcode No.03-CE: OA, OL & HH

Therefore, persons with hearing impaired and orthopedically handicapped can also apply suitable posts (even though not reserved for them) with necessary testimonials as per DoPT guidelines.

Concession in upper age limit for persons with disabilities shall be 5 years (10 years for SCs/STs and 8 Years for OBCs). This relaxation of age applies to all posts irrespective of the fact whether the post is reserved for PH or not. Reserved posts of SC/ST/OBC may be applied only by Handicapped persons belonging to the particular category. Physically handicapped Candidates are exempted from payment of application fee.

2. Candidates should ensure that he/she possesses educational qualification/experience in the relevant area as required in the category/post, for which he/she is applying, on the last date of receipt of application.
3. The application has to be submitted only in prescribed proforma issued by CSIR-NEIST, Jorhat. Application submitted in any other format will be summarily rejected.
4. The Advt.No.2/2011-REC alongwith the application forms have been incorporated in CSIR-NEIST-Jorhat websites <http://www.neist.res.in> and <http://www.rrijorhat.res.in>.
5. Separate application should be submitted for each post indicating the name and code number of the post accompanied by separate requisite DD.
6. The Qualifications prescribed should have been obtained from recognized Universities/Institutions prior to the last date of submission of applications.

7. The period of experience shall be counted after the date of acquiring the minimum prescribed educational qualification for the post.

8. The candidates applying for the reserved posts should enclose certificate on the prescribed proforma issued by the competent authority in support of their claim of belonging to such categories.

9. Candidate must indicate clearly as to whether any of their blood/close relative is working in NEIST, Jorhat or in CSIR or in any other National Labs. /Instts. of CSIR.

10. The prescribed Upper Age limit for respective posts should not exceed as on 16th January 2012. However, age relaxation for exceptionally meritorious candidates may be considered.

11. **Age relaxation:**

(a) Special Age Relaxation: Up to the age of 40 years in the case of Widows, Divorced Women and Women Judicially separated from their husbands, who are not re-married.

(b) Age relaxation of 5 years for SC/ST Candidates and 3 years for OBC Candidates applicable on respective reserved posts only.

(c) Age relaxation up to 5 years may be allowed to the employees of CSIR/Central/State Government/Autonomous bodies/Public Sector undertakings in accordance with the instructions and orders issued by the Govt. of India from time to time in this regard.

(d) Relaxation of upper age limit for Ex. Servicemen will be applicable as per Govt. of India orders issued from time to time.

(e) Relaxation in the upper age limit of 5 years applicable for persons who had ordinarily been domiciled in the Kashmir Division of the state of J&K during the period of 01.01.1980 to 31.12.1989 subject to production of certificate from the District Magistrate in the Kashmir Division within whose jurisdictions he/she had ordinarily resided or from any other authority designated in this behalf by the Govt. of J&K to the effect that he/she had ordinarily being domiciled in the Kashmir Division of J&K during the period from 01.01.1980 to 31.12.1989.

(f) Relaxation in age, qualification and/or experience may be permitted if sufficient number of candidates possessing the requisite qualification and/or experience are not likely to be available to fill up the posts.

12. Applications from the candidates working in Govt. departments, Public Sector Undertakings, Autonomous bodies and Govt. funded research agencies will be considered only if forwarded through proper channel and with a clear certificate that no vigilance case is pending/ being contemplated against him/her and the applicant will be relieved within one month of receipt of appointment order, if selected. The advance copy of application along with DD should reach on or before the last date i.e 16th January 2012 and the application forwarded through proper channel should reach CSIR-NEIST, Jorhat on or before 30 days from the last date of receipt of application. Further, it is the responsibility of the candidate to ensure that his/her proper channel application reach within the stipulated time. CSIR-NEIST, Jorhat will not accept any person retaining lien.

13. An application fee of Rs.100/-(Rupees One Hundred only) non-refundable is payable in the form of Demand Draft of nationalized bank, payable at SBI, CSIR-NEIST-Jorhat branch code No.5604 with validity of six months in favour "Director, NEIST-Jorhat". **However, candidates belonging to SC /ST, PH and regular employees of CSIR are exempted from payment of application fee.**

14. The prescribed essential qualifications are bare minimums and mere possession of it does not entitle candidates to be called for interview. If number of applications received in response to the advertisement is large, it will not be convenient or possible for the Institute to arrange interview for all the candidates. The Institute may restrict the number of candidates for interview to a reasonable limit, on the basis of qualifications and experience higher than that of the minimum prescribed in the advertisement. If required seminar/written test will be conducted for preliminary screening. The candidate should, therefore, mentioned all the qualifications and experiences of the relevant field, and over and above the minimum qualifications prescribed.

15. Synopsis sheet must be filled in by candidates in his/her own handwriting and should include all the relevant information of the candidate as the same will be used for the Screening purpose. The office will not be responsible if a candidate is screened out for not filling up the Synopsis sheet properly.

16. Applications that are incomplete/received after due date /not supported with attested copies of certificates, mark sheets, caste certificates etc./unsigned/without prescribed application fees etc. will be summarily rejected and no correspondence will be entertained in this regard.

17. Outstation candidates called for interview will be paid to and fro single second class rail fare/ ordinary bus fare from the normal place of their residence or that declared in the application or from the actual place of undertaking the journey, whichever is nearer to the place of the interview as per rules. For road journeys between stations not connected by rail, the actual bus fare or road mileage at the lowest rate as admissible under rules, will be-imbursed on production of documentary proof (bus tickets) and provided that the distance covered by road is more than 20 km each way.

18. Candidates of Indian origin settled abroad who are of proven merit, as evidenced by their research work, if suitable for the post may be considered by the selection committee, **in absentia**, on specific written request of the candidate(for such candidates interview by video conferencing/via internet may be arranged if feasible).

19. The candidates selected for the above posts shall be governed by the revised Contributory Pension Scheme of GOI, as made applicable to CSIR with effect from 01-01-2004.

20. The selected candidates are liable to be posted in any of the establishments under the administrative control of CSIR-NEIST, Jorhat/CSIR, situated anywhere in India as and when required.

21. Higher initial pay could be considered for exceptionally meritorious candidates.

22. The decision of NEIST/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 and no enquiry or correspondence will be entertained in this connection from any individual or his/her agency.

23. The Number of vacancies indicated against each category is provisional and may vary at the time of actual selection.

24. Canvassing in any form and or bringing in any influence, political or otherwise will be treated as a disqualification for candidature of the post.

25. Interim queries will not be attended to.

26. The last date for receipt of applications:16th January,2012.

Duly filled in and signed application may be sent by Registered Post/Speed Post/By Hand so as to reach the Administrative Officer CSIR- North East Institute of Science and Technology, Jorhat , Assam-785006 before 5.00 PM of the last date of receipt application. APPLICATION RECEIVED AFTER THE CLOSING DATE(S) WILL NOT BE ACCEPTED UNDER ANY CIRCUMSTANCE.

Check list: Please ensure that you have (a) indicated the Advt.No and name of the post applied for **on the top middle portion of the envelope**, (b) affixed your recent passport size photograph, (c) enclosed application fee of Rs.100/- which is in the form of Demand Draft only, if applicable (d) attached all requisite certificates (attested copies) including SC/ST/OBC/PH certificates as the case may be, issued by appropriate authority, (e) route the application through proper channel if employed in Govt./PSU/Autonomous bodies and (f) signed duly the application, summary sheet/synopsis sheet or any extra paper documents attached with your application .

Administrative Officer