



National Agri-Food Biotechnology Institute

(Department of Biotechnology, Ministry of Science and Technology)

C-127, Industrial Area, S A S Nagar, Phase 8, Mohali, Punjab, India-160071

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TECHNICAL, BIOINFORMATICS AND ADMINISTRATIVE POSITIONS ON DIRECT SELECTION OR DEPUTATION BASIS

(Advt. No. 4/2011)

National Agri-Food Biotechnology Institute (NABI), Mohali, is an autonomous R&D Institute under Government of India, Department of Biotechnology. The Institute has been allotted 35 acres of land in Knowledge City, Sector-81, Mohali, but as an interim-facility, NABI is functioning at Plot No.C-127, Industrial Area, Phase-8, Mohali-160071. The institute is meant to strengthen research at the interface of agriculture biotechnology, food processing and nutritional sciences. Applications are invited from individuals with enthusiasm to develop an organisation with world class environment with culture and ability to execute research programmes with efficiency and function in partnership with public and private sector.

NABI needs officers and staff of high calibre and potential to generate a transformational institute. They will be taken on direct selection or on deputation basis on the following positions:

Sr. No.	Name of Post	Maximum Age Limit by March 31, 2011 (Years)	Pay Band + Grade Pay	Essential Qualification and Eligibility Criteria	No. of Posts
1.	Management Assistants (Administration, Accounts, Stores, Public Relations)	26*	PB2 (₹9300 - ₹34800) + GP ₹4200 + allowances. Total at minimum of scale (approx.) ₹23,435	<p>Essential Qualifications: First class Graduate with relevant subjects and minimum of two years experience in administration, accounts, stores management, human resource or public relations in a government office or a public body or organisation of high repute.</p> <p>Desirable:</p> <p>a) Knowledge of government rules with respect to administration, finance, purchase and skills in computer applications, public relations and information management.</p> <p>b) For Administration: Post Graduate Diploma or MBA.</p> <p>For Accounts: Graduate with SAS/CA/ICWA or MBA (Finance)</p>	Four (One post reserved for OBC candidate)**

Sr. No.	Name of Post	Maximum Age Limit by March 31, 2011 (Years)	Pay Band + Grade Pay	Essential Qualification and Eligibility Criteria	No. of Posts
				<p>or Commerce.</p> <p>For Stores: Diploma in Materials Management or MBA.</p> <p>For Public Relations: Graduate in communications, Post Graduate in English or MBA.</p> <p>Job Requirement: Skillful management in administration, finance, information, accounts; liaison with scientists, staff, visitors, outside agencies.</p>	
2	System Analyst (High Performance Computing)	30*	PB3 (₹15600 - ₹39100) + GP ₹5400 + allowances. Total at minimum of scale (approx.) ₹36970	<p>Essential Qualifications:</p> <p>(i) First class B. Tech/BE/MCA/M. Sc. (Computers or Electronics or IT) with minimum two years experience on system administration in highly reputed organisation.</p> <p>(ii) Detailed technical understanding and troubleshooting skills in systems administration of UNIX/Linux and/or their variants/derivatives, experience with task automation using scripting. Hands on experience in installation & troubleshooting of WIN, UNIX, LINUX based Servers on various architectures. Installation & configuration of storage, LAN and SAN.</p> <p>Desirable: Experience in Perl/C/Python/Java languages with strong Bash scripting skills, understanding of Web Services, experience in managing HPC clusters and Linux based servers. Relevant industry standard certifications. Should possess the mindset and intelligence to probe into reasons behind failures of services/ components, perform critical root cause analysis,</p>	One

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				<p>present his/her findings and propose solutions to solve/mitigate the problem. In-depth knowledge in application algorithms, performance analysis, system software, specialized hardware (GPUs etc.). Experience using multiple high-performance parallel computational platforms</p> <p>Job Requirement: Will be responsible for installing and configuring operating system and middleware/other software onto servers which are part of a cluster/grid, monitoring the status of such resources, taking corrective measures if necessary to ensure maximum uptime and availability and resolving/clarifying queries and issues that users of the system are likely to raise. Will be fully responsible for Management of High Performance Computing facilities, User support (Linux) in an HPC environment, Scientific Applications support, Linux based Systems Administration, High Performance computing.</p>	
3	Technical Officer (Software Support)	26*	PB2 (₹9300 - ₹34800) + GP ₹4200 + allowances. Total at minimum of scale (approx.) ₹23,435	<p>Essential Qualifications: First class in B. Tech/ BE/ MCA/ M. Sc. (in Computers/Electronics/ Information Technology). Experience of minimum two years in C/C++/Perl/Python/Java/XML/ Web Technology programming with excellent debugging and troubleshooting skills. Experience of working on UNIX/Linux and/or its variants/derivatives, working with GNU compilers, knowledge</p>	One

Sr. No.	Name of Post	Maximum Age Limit by March 31, 2011 (Years)	Pay Band + Grade Pay	Essential Qualification and Eligibility Criteria	No. of Posts
				<p>of UNIX shell scripting, Database – MySQL, Postgre SQL</p> <p>Desirable: Knowledge in multicore architecture. Experience of working with/contributing to FOSS and excellent documentation skills and a demonstrable inclination to research. Relevant industry standard certifications.</p> <p>Job Requirement: Will be part of dynamic team working towards researching and developing bleeding edge solutions to problems faced by users and administrators in the field of High Performance Computing. They should be able to port, parallelize applications and efficiently use large high performance computing clusters built using hundreds of server class multiprocessor nodes, several hundred terabytes FC SAN network based high performance storage system including automated tape library and systems area and storage area networks based on Infiniband and gigabit Ethernet on user sites.</p>	
4	Technical Officer (Database)	26*	PB2 (₹9300 - ₹34800) + GP ₹4200 + allowances. Total at minimum of scale (approx.) ₹23,435	<p>Essential Qualifications: Three year Diploma in IT/Computers/ Electronics with first class and atleast 2 years experience in Database handling designing, programming and management, software development OR first class MCA/B. Tech in Electronics/IT/CS.</p> <p>Desirable: Red Hat certification, CCNA, DBA certification, skills in database development, management and programming.</p> <p>Job Requirement: Development</p>	One

Sr. No.	Name of Post	Maximum Age Limit by March 31, 2011 (Years)	Pay Band + Grade Pay	Essential Qualification and Eligibility Criteria	No. of Posts
				and management of scientific and administrative database RDBMS, Development of ERP, Management of Networks.	
5	Assistant Engineer (Electrical)	30*	PB2 (₹9300 - ₹34800) + GP ₹4200 + allowances. Total at minimum of scale (approx.) ₹23,435	<p>Essential Qualifications: B.Tech in Electrical Engineering with 5 years experience or AMIE/ Diploma in Electrical engineering with 8 years experience in a government or reputed organisation as incharge of development and maintenance of infrastructure.</p> <p>Desirable: Five years experience as Assistant Engineer or 8 years as Junior Engineer or equivalent post in CPWD/MES/ other engineering departments in Government/PSU/ autonomous bodies.</p> <p>Job Requirement: Planning and supervision of electrical, air conditioning, safety aspects and civil works in construction of campus and maintenance of research laboratory. Responsibility of tendering quotations, liaise with institutional consultants in finalisation of designs, tender documents based on major works. Monitor execution, certify payments as per governmental procedures.</p>	One
6	Senior Technical Assistants {(i)Chemistry, (ii)Agronomy}	26*	PB2 (₹9300 - ₹34800) + GP ₹4200 + allowances. Total at minimum of scale (approx.) ₹23,435	<p>Essential Qualifications: First class M. Sc. or equivalent with one year experience or First class B. Sc. with five year experience in relevant area i.e. (i) high-end chemical analysis of natural plant fractions OR (ii) crop management, statistical design of field experiments and plant breeding.</p> <p>Desirable: (i) Experience of conducting</p>	Two

Sr. No.	Name of Post	Maximum Age Limit by March 31, 2011 (Years)	Pay Band + Grade Pay	Essential Qualification and Eligibility Criteria	No. of Posts
				<p>analysis of natural plant products, extracts, purification of fractions in large amounts, using LC, GC, MS, IR, MALDI, NMR etc.</p> <p>OR (ii) Experience of designing field experiments, micropropagation, hardening, crop management, planning and executing crosses and progeny analysis on medicinal or food crops.</p> <p>Job Requirement: Assisting scientists and scholars in research, maintaining equipments and infrastructure, QC and large scale preparations.</p>	

* For deputation on Foreign Service, the age limit is 56 years

** 1. Amended vide corrigendum No. 4A/2011

2. Post of Office Assistant withdrawn vide corrigendum No. 4A/2011

General Conditions:

1. Depending upon merit and experience, advance increments can be given at the discretion of Selection Committee to a candidate with potential in the management of knowledge environment and networking with corporate sector and other organizations. Other allowances will apply as per Central Govt. Rules. Candidates working in Government Ministries/ Departments/Organisations/PSUs/Autonomous Bodies/Universities/Research Organisations should apply through proper channel along with ACRs and Vigilance / Cadre Clearance for consideration.
2. Appointment will be on direct selection or on standard deputation terms and conditions as issued by DOPT from time to time.
3. Upper age limit is indicated as on the last date for receipt of application i.e., March 31, 2011 and is relaxable for SC/ST (5-years)/OBC (3-years)/PH/Ex-servicemen and certain other categories as per GOI instructions. Attested copy of Caste/Tribe/Class certificate issued by designated authority as prescribed by Govt. of India should be enclosed with the application.
4. Candidates will be governed by New Pension Scheme of Central Government effective from 01-01-2004.
5. Appointment will be made initially on contract in project mode for a period of 5 years with an initial probation period of one year which may be extended at the discretion of the Competent

Authority. Further continuation, if any will depend on candidate's performance during the initial period of five years.

6. Candidates may choose to apply for more than one post by submitting separate application for each position. Depending upon suitability of the candidate, a higher or lower post may be offered by the Selection Committee.
7. In case of candidates employed in permanent posts, request for deputation and salary protection will be considered.
8. In case a large number of applications are received, screening will be done to limit the number of candidates to those possessing higher qualification or experience and, if required, a written examination may additionally be conducted for further screening.
9. Outstation SC/ST candidates called for interview will be paid to and fro second class railway fare, as per Government rules on presentation of the proof.

How to Apply: The application should be submitted in the prescribed format available at our website (www.nabi.res.in) or can be obtained by post from "Administrative Officer, National Agri- Food Biotechnology Institute, C-127, Phase VIII, Industrial Area, SAS Nagar, Mohali, Punjab-160071 (India)". Application completed in all respects, in the prescribed form accompanied by attested copies of certificates, testimonials in support of age, educational qualifications, experience, etc. along with non-refundable application fee of Rs.100/- for general and OBC category candidates (**NO application fee for Scheduled Caste/Scheduled Tribe/PWD candidates**), by means of Demand Draft (issued by State Bank of India only) valid for at least 6 months, drawn in favour of "National Agri-Food Biotechnology Institute, Mohali" payable at Phase-1Br., Mohali, should be sent to the Administrative Officer, National Agri-Food Biotechnology Institute, C-127, Phase-VIII, Industrial Area, SAS Nagar, Mohali, Punjab-160071 (India) super-scribing '**APPLICATION FOR THE POST OF _____**' on the envelope, so as to **reach on or before March 31, 2011**.

Synopsis-sheet to be submitted by email: In addition to submitting the hard copy of application form, the candidate is also required to fill up his particulars in the synopsis-sheet available on NABI website in MS-WORD or EXCEL format (NOT ON PDF FORMAT), and email to synopsis_4_2011@nabi.res.in as attachment. This is MOST-URGENT.

Canvassing in any form or bringing influence, political or otherwise, will lead to disqualification of the candidate. NABI reserves right to relax the eligibility requirements depending upon the other merits. The decision of NABI in all matters relating to eligibility, acceptance or rejection of application, mode of selection, and conduct of interviews will be final and binding on the candidates. Incomplete applications will be summarily rejected.

To know more about 'National Agri-Food Biotechnology Institute', kindly visit our website 'www.nabi.res.in' or e-mail to 'edoffice@nabi.res.in'.

Administrative Officer