



राष्ट्रीय मात्स्यिकी विकास बोर्ड
National Fisheries Development Board
मत्स्यपालन विभाग
Department of Fisheries

मत्स्यपालन, पशुपालन और डेयरी मंत्रालय
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No. NFDB/IHL/MPR-Lab/2019-20

Date: 27.08.2019

Walk-in-Interview for various Technical Posts on contractual basis for In-house Laboratory at NFDB, Hyderabad

The objective of setting up the In-house laboratory is for testing diseases of importance in aquaculture and to test the presence of pesticide and antibiotic residue in aqua products. The major equipment are PCR and RT PCR for Pathogen detection of OIE identified diseases and LCMSMS, GCMSMS and ICPMS for pesticide and residue testing and also Sanger sequencing for Ribo-typing of Microbes and DNA bar-coding of Aquatic resources and detection of adulteration in the consumer products. The in house lab will also train the trainers and set standards in testing. Under these circumstances the following personnel are required to run the laboratory as desired, as well as to obtain NABL accreditation in the immediate future.

S. No.	Post	Qualification	Age limit	No. of posts	Experience
1	CTO- Chief Technical Officer (Labs)	Ph.D in Life Sciences (Molecular Biology / Bio -Technology)	45years	1	Minimum 15 years expertise in the National or state reputed laboratory. Preferably worked in Aqua testing laboratory
2	Lab Managers	Ph. D/M.Sc in Life Sciences	45years	1	10 years expertise in the reputed NABL laboratory with PCR, RTPCR and Sanger Sequencing and Microbiology lab
A	Molecular & Microbiology				
B	Pesticides & AB Residues, Feed & Water)				
3	Senior Technical Officers- Molecular Biology	Ph. D/M.Sc in Life Sciences	35years	2	Minimum 2 years expertise in NABL aqua testing laboratory with PCR / RTPCR experience
4	Senior Technical Officers- Residual testing	Ph.D/M.Sc Chemistry	35years	2	Minimum 2 years' expertise in NABL aqua testing laboratory hands on experience on GCMS/LCMSMS/ICP/MS
5	Junior Technical Officers	MSc Life Sciences	35years	2	2 years' experience preferably in Molecular Biology Microbiology lab operation

6	Lab Assistants (Technical/ Non-Technical)	BSc Life Sciences	30years	2	2 years' experience preferably in lab operation
7	Electrician/Mechanic	ITI	30years	1	5 years' experience in relevant field
8	Helpers (Autoclave &Washing)	SSC	30 years	2	Preferably Laboratory experience
	Total			14	

*** Walk-in-Interview will be held on 16-09-2019 for the Posts of Sl.No. 1 to 4 & Sl.No.5 to 8 on 17-09-2019 at NFDB Office from 11:00 AM.**

The candidates are requested to come for the interview along with the application format, all original educational & experience certificates, PP size photo, aadhar card along with set of xerox copy of all of documents/enclosures. No candidates will be allowed for interview, if they come after 11:00 AM.

Job role & responsibilities:

1) CTO- Chief Technical Officer: Complete in charge of the laboratory, tasked with all the decisions on behalf of NFDB, including managing the budget and investments. CTO should be expert in technical development and new processes and responsible for smooth running of the laboratory with required accreditations, should lead in scientific discussions with national and international organizations.

CTO will work directly under CE, NFDB and will act as both a technology and decision making expert that will impact the current and future operations of the laboratory.

2) Laboratory Manager: Laboratory Manager plays a vital role in the overall safety of the laboratory and is responsible for managing the daily operations of the lab, takes responsibility for all aspects of the lab, including instruments/equipment, users of the lab, and supplies needed to ensure the lab runs smoothly.

Management of the Laboratory:

- Be familiar with the regulatory requirements specific to the lab and ensures all users are in-compliance with those standards.
- Review protocols of internal and external labs in an effort to stay abreast of new developments in lab management.
- Update and maintain the Lab Safety Plan/Manual and other Manuals. Shall Manage Lab Inspections.

Laboratory Operation:

- Oversees laboratory safety and ensures that the laboratory remains in compliance with all local, state and federal regulations. In cases where non-compliance is found, documents the instances as well as how they were abated.
- Ensures all reagents and supplies are available when needed.
- Manages and updates Chemical inventories. Communicates and enforces laboratory safety rules to personnel working in the lab.
- Ensures all users of the lab are wearing the appropriate dress code and safety equipment.

Training:

- Ensures lab users have been trained on the correct use of the lab equipment, in addition to mentoring and disciplining lab users for not following safety policies/procedures that have been established for the lab.
- Schedules safety training for new lab users and retraining for lab users who are in need of refresher training to include but not be limited to: equipment training, safety training and/or lab safety plan reviews and ensure the training has been documented.

Maintenance/Housekeeping

- Ensures that the laboratory is cleaned/sanitized and kept in an orderly manner.
- Ensures all instrumentations/equipment is functioning properly to include but not limited to eyewash/safety showers and when instruments/equipment are found to be in need of maintenance/repair, he/she contacts the Equipment Engineer to have it repaired.

Technical Officers:

The Technical Officer – Reports to the Laboratory Manager and is responsible for providing high level research and teaching laboratory support and expertise to the Analytical Instrumentation Laboratories. Technical Officer will be responsible for the smooth operation of the testing laboratory including oversight of laboratory safety, procurement and repairs, maintenance, operation and training.

Responsibilities:

- Oversight of daily operations of the instruments in the laboratory
- Lead training programs for new staff and students for laboratory and techniques and equipment
- Ensure laboratory operations are undertaken in accordance with the Occupational Health and Safety Policies
- Maintain, calibrate and demonstrate the use of analytical instrumentation providing expert advice on methods
- Ensure users use and leave laboratories in an ideal state and respond to any misuse immediately
- Maintain experimental preparation notes, chemical register, risk assessments, and other documentation

Skills & Experience:

- Extensive experience in operation and use of a range of mass spectrometer and other analytical instrumentation, and their application, with experience in managing or coordinating a laboratory
- Experience in operating and maintaining analytical chemistry instrumentation
- Strong analytical skills, with the ability to communicate results to a broad audience
- In-depth knowledge of Work Safe legislations and ISO standards – handling, storage, usage and disposal of Dangerous chemicals
- Ability to build strong relationships, with excellent written, verbal and information technology skills
- Strong time management skills and ability to work autonomously in a fast-paced environment

Lab Assistants:

A laboratory assistant is a professional who helps in preparing samples and materials used during laboratory operations and demonstrations. Those with a chemistry background will work in the Residue Lab while those with a zoology, botany and microbiology work in the other lab. They must adhere to the prescribed lab protocols and follow dress code, such as wearing a white coat and closed shoes, while working.

Electrician/Mechanic:

A laboratory Electrician/Mechanic is a professional who should attend minor repairs of the instruments, electrical lines and pipelines etc. Identify major problems and report to the manager. Help the company engineers during the repair. Maintenance of toolkit and instruments spares. They must adhere to the prescribed lab protocols and follow dress code, take necessary safety precautions while working.

Helpers (Autoclave & Washing):

Maintenance/Housekeeping, ensures that the laboratory is cleaned/sanitized and kept in an orderly manner, autoclave operations, glassware/ plastic ware cleaning autoclaving and drying.

Sd/-
Senior Executive (A&F)

Application for Technical Posts for In-house Laboratory

Affix PP Size Photo

1. Post Applied:
2. Name of the Candidate:
3. Father's Name:
4. Date of Birth and Age:
(as on 31.07.2019)
5. Permanent Address:
6. Address for communication:
7. Phone Number & E-mail Id:
8. Educational Qualifications:
(High School onwards with self-attested supporting certificates)

Name of the Examination	Board/ University	Year of Passing	Grade/Division percentage of marks in aggregate	Subjects Passed	Remarks

9. Work Experience (Attach self- attested experience certificates)

Name of the Employer & Contact details	Designation	Period		Experience	Pay	Job Profile	Reason for Leaving
		From	To				

10. Languages known:

11. Computer Proficiency:

12. Any other relevant information you would like to share to support your candidature for the above post (Not more than 100 words):

Declaration:

I do hereby declare that the all statements made in application are true, complete and correct to the best of my knowledge and belief. I understand and agree that in the event of any information being found false or incorrect/incomplete or ineligibility being detected at any time before or after selection /interview, my candidature is liable to be rejected.

Date:

Signature of the candidate

Place: