

TEZPUR UNIVERSITY, NAPAAM - 784 028, ASSAM

Notification dated 06 October 2020

Recruitment of 11 (Eleven) Assistant Chemist to be engaged under Jal Jeevan Mission (JJM), Assam.

1.0 Background and Scope of the Assignment

Drinking - water supply agencies are usually required to verify that the quality of water supplied to the consumers meets specific numerical standards. Yet, by the time, water quality analysis is completed, and results may indicate that the water is not safe to drink; people consuming that water may also be at risk. Moreover, even with frequent monitoring, the vast majority of water distributed to consumers will never be tested. Therefore, reliance on only end-of-pipe monitoring is inadequate to address the problem in totality.

In above context, it is relevant to quote some sentences from Gridlines for Drinking - Water Quality, Fourth Edition, published by the World Health Organization (WHO) which states that "The most effective means of consistently ensuring the safety of a drinking- water supply is through the use of a comprehensive risk management approach that encompasses all steps in water supply from catchment to consumer." (2011)

Such approaches are termed as Water Safety Plan (WSP). The purpose of a WSP is to ensure consistently the safety and acceptability of drinking -water supply. This is done by eliminating /minimizing potential risk of contamination in raw water sources, water treatment plants, catchment, distribution network, storage, collection and handling. WSP is an essential tool in providing safe water to the people for all types of water systems i.e. large piped drinking water supplies, small community supplies, stand-alone household systems such as wells and in rain harvesting systems. Water safety plan aims to minimize risks of contamination via sanitary surveillance and can be conjoined with water quality monitoring for ensuring safe water to the communities. This means that the water quality data is useful along with WSP for preventive and curative management measures.

Conjoined approach of using WSP with Water Quality Monitoring is an important tool which extends its application beyond the creation of water quality database. This can be achieved by shifting emphasis of drinking-water quality management to a holistic risk-based approach. Such an approach is called WSPs. Widespread implementation of WSPs can contribute to reducing the portion of the burden attributed to poor quality of drinking water.

Further, Bureau of Indian Standards (BIS) has specified drinking water quality standards in India to provide safe drinking water to the people. It is necessary that drinking water sources should be tested regularly to know whether water is meeting the prescribed standards for drinking or not and, if not, then the extent of contamination/ unacceptability and the follow-up required. Apart from BIS specification for drinking water, there is one more guideline for water quality, brought out by Ministry of Water Resources, Government of India in 2005. This is known as Uniform Protocol for Water Quality Monitoring. The Drinking Water Quality Monitoring Protocol describes specific requirements for monitoring drinking water quality with a view to ensure provision of safe drinking water to the consumers. In addition, this document also includes requirements for setting-up laboratories at State, District and sub-districts level and their quality control for regular testing and surveillance of drinking water sources.

The Mission Directorate, JJM, Assam intends to engage 11 (**eleven**) **Assistant Chemist in various districts of the State of Assam**. The selection will be done through partnership with Tezpur University. *However, TEZPUR University has no role in issuance of appointment letters and other employment related matters.*

2.0 Objective of the Position

- To ensure adequate monitoring of water quality and water safety in the entire rural water supply system.
- To maintain the water quality system of PHED, Assam at District/sub-divisional level.
- To undertake corrective action in ensuring safe water provision to the community.

- To coordinate with the Executive Engineer/ Assistant Executive Engineer and carrying out interventions in improving water supply in the district based on the results received from the District level Laboratory (DLL)/ Sub Division level Laboratory (SDLL)

3.0 Job description

- To conduct testing of water samples in laboratory
- To keep records of the test findings
- Documentation of test procedures and results and report the same to SRL/DLL for analysis.
- To check the test results before entry into IMIS
- To maintain stock register of chemicals & reagents
- Any other assignment as and when directed by the controlling officer.

4.0 Key Deliverables

- To conduct testing of water samples in laboratory
- Coordinate, plan and perform daily laboratory functions
- Maintain the laboratory for cleanliness, safety and keeping organized.
- Submission of monthly activity report by 5th of every month positively
- Prepare Quarterly Review Reports
- To achieve the target set by the higher authority
- Report equipment repair and maintenance requests and chemical requirements in timely manner.

5.0 Eligibility

- a) **Education:** Bachelor of Science degree with **Chemistry as Major/Honours** from a recognized university or institute.
- b) **Age:** Minimum age is 18 years and maximum age is 40 years as on 30-09-2020. The upper age limit is relaxable as follows:
 - A) 5 years for SC/ST candidates
 - B) 3 years for OBC/MOBC candidates
- c) **Computers skills:** Candidates must be well versed with computer operation and application.
- d) **Domicile:** Candidate should be a domicile of Assam

6.0 Duty Station

The selected Assistant Chemist(s) will be stationed at the SRL or at the different DLL and SDLL of PHED, Assam located at different districts and Sub-Divisions of Assam. (Annexure - 'A')

7.0 Remuneration

The proposed remuneration for the Assistant chemist will be **Rs. 21,500.00 per month** (Inclusive of all incentives & perks). Remuneration will likely be revised as per JJM, Assam norms.

8.0 Reporting

The Assistant Chemist(s) will report to the District Mission Director JJM cum Executive Engineer (PHE) at the district level and to Chief Water Analyst (PHE), cum Deputy Director-WQMSP, JJM, Assam at the state level.

Preference: As the appointment will be made in different laboratories in Assam, candidates should give their preference for posting in 3 districts out of the districts in Annexure "A" The selected Assistant Chemist (s) will be stationed at the SRL or at the different DLL and SDLL of PHED, Assam located at the different districts and sub division of Assam. (Annexure-A)

9.0 Terms of Contract

- a. He/she will remain in service of the contractual post as Assistant Chemist for a period of 11 months from the date of joining subject to the terms and conditions contained herewith.
- b. He/she has to join within 15 days from the date of issue of the offer letter failing which the offer will stand cancelled automatically.
- c. He/she will perform duties as per the job specified by the Appointing authority/Controlling officer (Ref. 2.0 and 3.0). He/she will remain duty bound and maintain official norms.
- d. His/her service (s) will stand automatically terminated at the expiry of the contract period, without any necessity on the part of the office to serve any notice - pay to the contractual employee and without any liability on the part of the office to pay any

retrenchment or other compensation or any other amounts to him/her.

- e. Any action either directly or indirectly on the part of contractual employee for the change of posting will be treated as disqualification for the post and the Appointment authority/controlling officer will have the right to terminate his/her engagement without any notice for such action.
- f. He/she will be entitled to a leave on a pro-rata basis of 1.5 days per month. Period of leave to be taken should be agreed with the Controlling officer. Leave not availed during the month shall lapse after the month is over. Any unauthorized absence may affect deduction in their compensation package at a suitable rate.
- g. Sick leave : In case of illness, he / she is obliged to inform the Mission Director, JJM, Assam immediately. If the illness lasts for more than 3 days, a medical certificate must be produced. No more than six sickness days will be recognized during a calendar year, further days would be considered to be part of the annual leave from the 1st day onwards if entitlement exists, or as unpaid leave if no such entitlement exists.
- h. Travel and subsistence: Where for the purposes of the programme he/she may be required to travel outside H.Q , all related travel and subsistence costs will be repaid to him/her on actual cost basis on presentation of official bills and receipts, subject to the travel rules of the organization.
- i. It is explicitly made clear that the appointment is purely on a contractual basis and he/she would not be entitled to any claim, interest or further benefits in terms of regularization or consideration of further appointment/ engagement to the said post or any other post in the department.
- j. It is further explicitly made clear that notwithstanding anything contained herein above , his/ her contractual services may be terminated at any time by the Appointing authority without any notice, if he/she is found to be guilty of any insubordination, intemperance or other misconduct or of any breach.

- k. The selected candidate must stay in the respective PHED Division and Sub-Division HQ under whose jurisdiction the DLL/SDLL is located.

10.0 Methodology for Selection

Due to current situation with reference to the Pandemic COVID 19, a contact-less recruitment process purely based on academic performance from class X to Graduation, quality/relevance of work experience, performance in online Personal Interaction (PI) will be followed. The weightage of marks for shortlisting of candidates will be as:

Class X :	10%
HS :	20%
Graduation:	60%

10% weightage to candidates who have experience of more than one year in working in laboratories for drinking water testing and water purification.

Shortlisted candidates will be required to appear for PI through online mode. Applicants not producing any of the documents shall not be eligible for shortlisting. They should produce original documents whenever required.

11.0 Application Requirement:

- An application with all details needs to be filled online in by clicking <https://forms.gle/VzTqShvXjgRgwDu46>
- Copies of Academic transcripts (HSLC onwards), work experience documents and proof of domicile of Assam must be uploaded

12.0 Application submission deadline:

Interested applicants should submit the online application along with all above mentioned documents as attachment latest by **25 October 2020**. For any further details, mails may be sent to jaljeevantu@gmail.com

CANDIDATES WILL BE COMMUNICATED THROUGH E MAIL ONLY.

Canvassing in any manner for place of posting or transfer will result in cancellation of the Offer to engage in the Mission.

sd/- Registrar
Tezpur University

Annexure- A

Vacancy position – Assistant Chemists

SI No	District	Division	Type of Laboratory	Laboratory Name	No. of vacant position
1	Kamrup		State Referral Laboratory	State Referral Laboratory, Guwahati	2
2	Bongaigaon	Bongaigaon	DLL	DLL Bongaigaon	1
3	Dima Hasao	Dima Hasao		DLL Haflong	1
4	Goalpara	Goalpara		DLL Goalpara	1
5	Kokrajhar	gossaigaon		DLL Kokrajhar	1
6	Dhemaji	Dhemaji		SDLL	SDLL Jonai
7	Dima Hasao	Dima Hasao	SDLL Umrangso		1
8	Kamrup	Rangia	SDLL Rangia		1
9	Sonitpur	Tezpur Div-I	SDLL Jamguri		1
10	N.C Hills	Maibong	SDLL Maibong		1
TOTAL					11