



Form No.: VSI/Personnel/ Job Advt./FM-16/2020-21

Job Title*	Applications are invited for the post of 1) Scientific Officer (Product Development) –01 Post 2) Scientific Officer (Quality Control) – 01 Post at Tissue Culture Section. Application should be submitted through Post or by Email or by Hand to VSI along with Photo copies of original Certificates and updated CV/Resume on or before 12th December 2020
Company Name	VASANTDADA SUGAR INSTITUTE PUNE
Company Profile	VSI established in 1975 by the sugarcane growers of the co-operative sugar factories, is the only organization of its kind in the World. The institute performs under one umbrella all scientific, technical and educational functions relevant to the Sugar Industry. The institute endeavour to improve and increase the productivity in the Sugar Industry through three main channels namely - Academics, Research and Extension. VSI symbolizes a unique partnership between Sugar Industry, the Scientific Community and the Cane Growers.
Name of the Post*	Scientific Officer (2 Posts)
Name of Department*	Tissue Culture Section
Compensation (Per month)*	VSI Pay Level S-18 (Rs. 35210 – Rs. 111550) (Starting Salary: Rs. 44013/- pm (including all eligible allowances)
Job Profile*	<u>For Product Development: -</u> <ul style="list-style-type: none">• Screen biopolymer nanoconjugates efficacy for inducing abiotic and biotic stress tolerance in different crops.• Conduct in-vitro and ex-vitro experiments for analysis of induced stress tolerance at morphophysiological, biochemical and cellular expression level.• Conduct field trials for the nanoconjugates for recommendation.• Associate with other sections/departments for extending nanoconjugates applications for different crop traits improvement. <u>For Quality Control: -</u> <ul style="list-style-type: none">• Establish quality control methods for biopolymer based biostimulants.• Analyze batch samples for raw material and finished product quality control.• Synthesize biopolymer nanoconjugates for inducing abiotic and biotic stress and improving crop productivity.• Characterize the nanoparticles and their nano-conjugates and their formulations.



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	<ul style="list-style-type: none">• Develop methods for commercial production of nanoconjugates.• To provide inputs into the design of experimental protocols and bio-analytical procedures for the analysis of samples.• To develop high throughput bio- analytical methods using HPLC/LC-MS-MS, Troubleshooting of methods and instruments along with the evaluation, interpretation and distribution of bio-analytical results.
Qualification*	<ol style="list-style-type: none">1. For Product Development: -M. Sc. in Biotechnology/Agri. Biotechnology/Biochemistry/Life Sciences with minimum 3 years' experience in research and development for analysis of biochemical /molecular analysis for abiotic and biotic stress tolerance in plants Or Ph.D in above subjects. Strong foundational knowledge and experience in plant-pathogen interactions and plant diseases caused by virus, fungi is must.2. For Quality Control: -M.Sc in Life Sciences/Biotechnology/Agri. Biotechnology /Biochemistry, Analytical Chemistry or other appropriate subject with minimum 3 years of relevant, hands on industrial experience in Bio-analytical method in research and development and assesment Or Ph.D in above subjects. Practical hand on analytical instruments is must. Ph.D in biopolymeric nanoparticles may be preferred. The Candidate should have expert knowledge of Bio-analytical Chemistry and experience in bio-analytical quantization and Metabolite Identification using High Tech Equipmental methods.Demonstrated technical capabilities particularly with FTIR, DLS , LC-MS-MS, HPLC, NMR etc. Experience with modern data acquisition and handling modern equipment's/software. Proven ability to maintain and troubleshoot analytical equipment.
Experience*	Minimum 3 years experience in the desired field
Ref. No.	21/10/2020
Location*	Pune
Terms & Conditions*	<p>*Age Limit not more than 35 years. Age relaxation up to 40 years depending on merit.</p> <p>*Application with requisite qualification, experience and received By Postor by Email or by Hand to VSI</p>



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	<p>*The post carries prescribed pay-scale, DA, HRA and other benefits as per the rules of the Institute.</p> <p>*No TA/DA will be provided if candidate called for Written/ Personal interview at Institute.</p> <p>*Decision of Selection Committee of the Institute shall be final. Selection committee reserve rights to select the deserving candidate</p> <p>*Institute reserves the right to fill in the post or cancel post without assigning any reason thereof</p> <p>*For location of VSI see location Map.</p>
Details of mode of application Submission*	<p>Application supported with evidence of academic and experience may be sent super scribing the envelope “Application for the Post of “SCIENTIFIC OFFICER (Product Development) or (Quality Control)”By Postor by Handor by email to</p> <p>The Director General Vasantdada Sugar Institute Manjari (Bk.), Tal. Haveli, Dist.Pune 412 307.</p>
Last Date of Application Submission by Post or by Hand or By Email*	<p>On or before 12th December 2020</p>
Contact Information*	<p>Mr. R.S. Gangele Personnel Manager Vasantdada Sugar Institute Manjari (Bk), Pune 412307 Tel: 020-26902100/113/114</p>
Web-mail*	<p>sp.jadhav@vsisugar.org.in</p>
Website	<p>www.vsisugar.com</p>
Keywords*	<p>Biopolymers , Nanoparticles, Crop Improvement, , Stress tolerance,</p>

Director General