



Visvesvaraya National Institute of Technology, Nagpur  
Department of Chemical Engineering

Applications are invited for the post of Project Associate to work on SPVF (Sree Padmavathi Venkateswara Foundation) funded, Sree Ramakrishna Paramahansa Research Grant, (Sree PVF/GA/AS/23/1)[For a limited period of time]

Title of the project	Valorization of postharvest agro waste( with C/N>50) using indigenous fibrinolytic enzymes
Post	<b>Project Associate</b>
Duration of the Project	2 years
Essential qualification	M. Tech/ M.E in Chemical Engineering(Specialization in Bioprocessing/ Biochemical Engineering), Bioengineering, Biotechnology, Bioprocess Engineering, Biochemical Engineering
Desired qualification	1) Knowledge of both biology/microbiology and mathematics 2) Bioprocess Engineering 3)Enzyme technology 4) Microbial Engineering, primary and secondary metabolite production 5) Design of experiments and handling of analytical instruments like Spectrophotometer, Fermenter, GC,HPLC,FTIR,TOC, Bioreactor, etc
Project brief	<a href="https://youtu.be/TJcovjJuiag?si=L2pn9h8Cg_3bYnBH">https://youtu.be/TJcovjJuiag?si=L2pn9h8Cg_3bYnBH</a>
About the project work	Wet lab: Enzyme production, Solid State Fermentation, Process Optimization, Downstream Processing, Scale-up, Dry Lab : Process optimization tools, Origin, Excel, Data analysis
Preference	Candidate having a degree from or experience of working in a National Level institute, having prior dissertation project/work experience in relevant field, and publication in SCI indexed journal
Stipend	Rs 35,000 p.m. (Fixed consolidated)
Nature of post	The post is on contract basis upto a maximum period of Two Years subject to satisfactory performance evaluation every Six months.
Mode of Application	<b>Application on plain paper with full bio-data should be sent as an email attachment</b> to the Principal Investigator with <b>subject line: Application for the post of Project Associate (SPVF)</b> [e-mail: <a href="mailto:mandavgane1@gmail.com">mandavgane1@gmail.com</a> , Phone: 0712-2801563]
Last date to submit application	Extended Date 15 <sup>th</sup> Jan 2024
NOTE	The candidates can visit the lab to know details of the project Short-listed candidates will be intimated by E-mail and SMS only. The <b>Director, VNIT Nagpur</b> decision will be final in all respect. Traveling, field work and stake holder consultation are the integral part of the project work.

Dr Sachin A Mandavgane,  
Principal Investigator, Professor and Chem Engg