

University of Hyderabad
Repository of Tomato Genomics Resources
Dept of Plant Sciences
School of Life Sciences

No. UH/ YSL/RTGR/DBT/INF/RA and DEO/SAA

Date: 13/12/2021

1. Applications are invited from eligible candidates (Indian Nationals only) on a plain paper or in the attached format (Form B) for the following position(s) in the research project funded by DBT on “Research and Service facilities for Plant Metabolomics and Proteomics”.

1	Name of the Post	Research Associate (RA) Data entry operator (DEO)/Scientific administrative assistant (SAA)
2	Number of positions	RA- Three positions DEO/SAA- One position
3	Fellowship / Honorarium/ Stipend in Rs.	For RA-Rs. 47,000 +24% HRA For DEO/SAA -Rs. 18,000 +24% HRA
5	Tenure of the Post	Initially for six months and followed by periodic review of performance for further extension
6	Essential Qualifications	RA- Research experience in Plant Proteomics, Plant Metabolomics, Plant Molecular Biology, Biochemistry and experience in handling plants - See detailed qualifications in attached Annexure DEO/SAA- Graduation in any subject is required. Experience in using SFACTS, FAMOUS, software knowledge for making Purchase Orders, Purchase Proposals, University of Hyderabad purchase policy, etc. is a must. See detailed qualifications in attached Annexure
7	Desirable Qualifications	For RA- MSc Plant Biology/Plant Molecular Biology/Biochemistry, PhD, with at least one to two years' post-doctoral experience - See detailed qualifications in attached Annexure DEO/SAA-See detailed qualifications in attached Annexure
8	Experience	RA- Should be supported by Research Publications DEO/SAA- Experience certificate is a must See Annexure for details
9	Age Limit	Open

2. Applicants should note that the appointments to be made are purely temporary and they have no right for claiming for any regular appointment in the University.

3. No TA/DA will be paid for attending the interview or at the time of joining.

4. A detailed CV and Self-Attested copies of all certificates in support of the information furnished in the application should be enclosed.

5. Last date for receipt of filled-in applications is: **5.00 pm on 30th DEC, 2021**

6. Address to which the applications should be sent: **By email to y.sreelakshmi@uohyd.ac.in with subject “application for RA” or “application for DEO/SAA”**

(Note: Only eligible candidates will be informed by email / letter at a later date for an online interview)

Sreelakshmi

Dr. Y. Sreelakshmi
Principal Investigator

To

Web Master, UoH - with a request to place in the University website and notice boards in the University

University of Hyderabad

Repository of Tomato Genomic Resources

Department of Plant Sciences

Research Positions in Tomato Functional Genomics

At the Repository of Tomato Genomics Resources (<https://lifesciences.uohyd.ac.in/rtgr/>), which is a DBT Centre of Excellence and Innovation in Biotechnology (CEIB): "Program Support on Genome Engineering of Tomato", we are working on Tomato Functional Genomics involving, Genome Editing, Whole Genome Sequencing, Proteomics, and Metabolomics along with TILLING approaches to manipulate the fruit ripening in tomato. The current aims of the group are to isolate tomato mutants with high lycopene, β -carotene (provitamin A) and folate content in tomato fruits. For recent publications of the group see (*Environmental and Experimental Botany* 2021 <https://doi.org/10.1016/j.envexpbot.2021.104608>, *The Plant Journal* 2021 <https://onlinelibrary.wiley.com/doi/10.1111/tpj.15206>, *The Plant Journal* 2021 (Accepted on Dec 3, 2020, published online on Dec 28, 2020) 106: 95-102 (April 2021) <https://doi.org/10.1111/tpj.15148>, *Bioinformatics* 2020 <https://doi.org/10.1093/bioinformatics/btaa617>; *Journal of Plant Growth Regulation* 2021 DOI 10.1007/s00344-020-10139-8, *Plant Science* 2020 <https://doi.org/10.1016/j.plantsci.2019.110358>, etc.).

Currently, we have three research associate and one scientific administrative assistant positions available in the project "Research and Service facilities for Plant Metabolomics and Proteomics" awarded to **Dr. Y. Sreelakshmi**, funded by Department of Biotechnology. The qualifications for the positions are as follows:

1. Research Associate I (Plant molecular Biology): Applicants should have PhD in Plant molecular biology preferably in tomato or other crop plants. We are looking for a candidate with research experience in plant functional genomics using CRISPR/CAS system and candidate should have expertise in gene cloning. The experience in crossing/backcrossing and maintaining mutant lines is desirable. 1-2 years' postdoctoral experience is required and experience should be supported by publications. Selected candidate would be paid Rs. 47,000+24% HRA.



2. Research Associate II (Metabolomics): Applicants should have experience in identifying plant metabolites using Mass spectrometry (GC-MS and LC-MS) and they should have operating knowledge of GC-MS/LC-MS or both and should be able to handle them independently. A PhD in Plant Biology/Biochemistry/Chemistry with 1-2 years' postdoctoral experience is required and experience should be supported by publications. Selected candidate would be paid Rs. 47,000+24% HRA.

3. Research Associate III (Proteomics): Applicants should have experience in proteomics-2D electrophoresis/LC-MS of plant samples and in data analysis. Experience in handling HPLC, nanoLC-MS is a must. Knowledge of characterizing PTMs is desirable. Experience should be supported by publications. A PhD in Plant biology/Biochemistry with 1-2 years' postdoctoral experience is required. Selected candidate would be paid Rs. 47,000+24% HRA.

4. Scientific administrative assistant/data entry operator - 1 position: Applicants should have minimum 5 years' experience in Basic computer skills, MS office, handling emails. Familiarity/experience in using SFACTS, FAMOUS, software knowledge for making Purchase Orders, Purchase Proposals, University of Hyderabad purchase policy, etc. is a must. Graduation in any subject is required. Selected candidates would be paid a consolidated pay of Rs. 18000 +24% HRA. *Applications for this position without enclosed experience certificate will be rejected.*

We also accept applications from the candidates who wish to pursue post-doctoral research with their own fellowships from DBT/DST/CSIR/UGC in the area of tomato functional genomics/metabolomics/proteomics. The candidates who wish to be considered for independent fellowship can send CV with a research proposal at the email id given below.

Candidates interested in above project positions *should send a one page statement* clearly explaining how their skills are relevant to the position. The candidates should also enclose detailed CV and the name/email id for three referees. In addition, they should fill the attached application form. The candidates can send their application by email at **y.sreelakshmi@uohyd.ac.in** on or before **Dec 30th, 2021**. *All the positions are purely temporary in nature. Shortlisted candidates would be called for interview. No TA/DA would be provided for attending the interview.*

	UNIVERSITY OF HYDERABAD P.O. Central University Campus, Gachibowli Hyderabad – 500 046., Telangana, INDIA	 <small>प्रतिष्ठान संस्थान INSTITUTION OF EMINENCE</small>
Application for a Position in the Project		
Post Applied for : _____ Advt. No. : _____ Date : _____	<i>Paste recent photograph</i>	

<i>Personal Details</i>			<i>Proof enclosed Sl. No.</i>
1	Full Name (in BOLD letters) <i>(As in SSC certificate)</i>		
2	Gender <i>(Male / Female)</i>		–
3	Date of Birth & Age <i>(As on last date of the Notification)</i>		
4	Father's Name		–
5	Nationality		–
6	Community <i>(General / OBC / SC / ST / PWD)</i>		
7	Marital Status <i>(Married / Unmarried)</i>		–

<i>Candidate's Name & Address for Correspondence</i>		
	Mailing address	Permanent address (if different)
Name		
Complete postal address with PIN Code		
Email ID		
Phone No.		
Mobile No.		
Fax No.		

Present Position held, if any			
Name of the employer	Name of the position and salary drawn	Nature of work	Proof encl. no.

Educational Qualifications						
Exam passed (class X onwards)	Board/ University	Month & Year of Passing	Division/ Class	Percentage / CGPA	Subjects studied	Proof encl. no.
(a)	(b)	(c)	(d)	(e)	(f)	(h)

Experience (Including Present Position / Employment)						
Designation & Scale of pay	Name & Address of the Employer	Period of Experience			Nature of work	Proof encl. No.
		From date (dd/mm/yyyy)	To date (dd/mm/yyyy)	No. of Years, Months, Days		
(a)	(b)	(c)	(d)	(e)	(f)	(g)

Other Details		Proof encl. No.
Have you qualified any competitive exams? (CSIR-UGT NET/ DBT JRF/ ICMR NET/ etc.) If 'yes', provide details		
Details of awards, fellowship and/or distinctions (If received any)		
Any research publications? If yes, provide details.		

Title of M.Sc. dissertation, Name, Designation, and affiliation of the Supervisor		—
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<i>Name and Contact Details of Two Referees</i>		
Details	Referee #1	Referee #2
Name		
Designation		
Department		
Affiliation		
Postal address with PIN code		
Email ID		
Tel. No. (with STD code)		
Mobile No.		

Declaration:

I hereby declare that the entries in this form are correct and true to the best of my knowledge and belief. It is further declared that the entries are complete in all respect. If at any time, I am found to have concealed/suppressed any material/information or given any false details, my candidature/appointment to the post is liable to be summarily terminated without notice or compensation. In such case, I will abide by the rules and by-laws of the University.

Place :

Signature of the Candidate

Date :