

University of Hyderabad
Repository for Tomato Genomic Resources
Department of Plant Sciences
Research Positions in Tomato Functional Genomics

At the Repository for Tomato Genomics Resources, we are working on Tomato Functional Genomics, using TILLING, Insertional Mutagenesis, proteomics, metabolomics approaches to study fruit ripening in tomato. The current aims of the group include using reverse and forward genetics strategies to isolate tomato mutants delayed in ripening, having high lycopene and folate content in tomato fruits and analysis of light and hormonal signal transduction pathways. For recent publications of the group see (*Plant Physiol* **161**: 2085–2101, *Plant Physiol* **156**: 1424-1438; *Molecular Plant* **3**: 854-869; *Plant Methods* **6**: 3; *Plant Methods* **5**:18; *Plant Signaling and Behavior* **5**:11.).

Currently we have one position available in the projects awarded to Prof. R.P. Sharma funded by Dept of Biotechnology. The qualifications for this Position is as follows:

Research Assistant: Applicants should have experience in networking using R language and should be able to develop networks using the transcriptome, proteome and metabolite data sets. M.Tech. in Bioinformatics is required. The selected candidate would be paid Rs. 13,000/-pm- consolidated.

Candidates interested in above 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. The candidates can send their application by email at rameshwar.sharma@uohyd.ac.in and y.sreelakshmi@uohyd.ac.in on or before November 10th, 2013. The positions is purely temporary in nature. Shortlisted candidates would be called for interview. No TA/DA would be provided for attending the interview. **We also have openings for CSIR-NET JRF candidates for pursuing PhD in above research areas. Interested candidates with CSIR-NET JRF can send their CV to the above email addresses.**