

Faculty Profile

Name: Dr. N. L. RAJU

Designation: Assistant Professor

Department/Centre: Life Science & Bioinformatics

Phone Numbers: 03671-273743 (O)

+91-094350 67339 (M)

Email id: rajunl@gmail.com

Educational Qualifications: M Sc in Botany, Andhra University (2000)

Ph D in Plant Sciences, University of Hyderabad (2006)

Post-doctorate, ICRISAT, Hyderabad (2007-2009)

Areas of Interest: Plant Genomics
Abiotic Stress Physiology
Molecular Conservation
RNAi gene silencing
Marker development

Work Experience:

Name of the Organization	Designation	Period		Nature of Post (permanent/ temporary/ Ad-hoc/ contractual etc.)
		From	To	
ICRISAT, Hyderabad	Post- doctorate	05 th Jan 2007	Dec 2008	Temporary
ICRISAT, Hyderabad	Visiting Scientist	Dec 2008	25 th March 2010	Contractual
Assam University Diphu Campus	Assistant Professor	26 th March 2010	Till today	Permanent



Awards and Honours (if any):

Award Details	Awarding Agency	Year	Remark (if any)
DBT - Post Doctoral Fellowship (IISc)	DBT-IISc	2007	
INSA -SRF	National Science Academies	2015	

Publications in Peer Reviewed Journals/Book Chapters:

Authors	Title of the Paper/ Chapter	Name of the Journal/Book	Journal/ Book details	ISSN/ ISBN
Raju NL , Pareek M and Rajam MV et al.	RNAi mediated silencing of <i>Fusarium oxysporum</i> Vascular protease a gene for Fusarium wilt resistance in tobacco.	Unpublished	2015	
Raju NL , Reddy PVB, Kiranmai Ch	Polymerase Chain Reaction (PCR), variants and its applications.	Biotechnology and Bio-informatics, tools, techniques and Applications	Chintamani Prakashan Publishers, Guwahati. 2014; Pp 48-59	
Dubey A, Raju NL and Varshney et al.	Defining the transcriptome assembly and its use of for genome dynamics and transcriptome profiling studies of pigeonpea (<i>Cajanus cajan</i> L.).	DNA Research	2011; 18 (3): 153-164	
Deokar AA, Raju NL , Varshney et al.	Comparative analysis of Expressed Sequence Tags (ESTs) between drought tolerant and susceptible genotypes of chickpea under terminal drought stress.	BMC Plant Biology	2011; 11: 70	
Raju NL , Varshney et al.	The first set of EST resource for gene discovery and marker development in pigeonpea (<i>Cajanus cajan</i> L.).	BMC Plant Biology	2010; 10: 45	
Raju NL and Prasad MNV	Influence of Growth hormones on adventitious root formation in semi-	Agroforestry Systems	2010; 79(2): 249-252	

	hardwood cuttings of <i>Celasturus paniculatus</i> Willd. - A contribution for rapid multiplication and conservation management.			
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Peer Reviewed Publications in Proceedings of National/International Conference/Workshop/Symposium (Maximum 5)

Authors	Title of the Paper	Name of the Program and Organizer	Publisher Details	ISBN/ISSN
Shilpa S, Udaysankar A, Reddy PVB, Raju NL , Kiranmai C	Silver Nano Particles. Novel weapon to combat antibiotic resistance in aquatic pathogens.	National Seminar on “Use of Chemicals and Antibiotics in aquaculture activities in Coastal region of Andhra Pradesh.	Proceedings of the National Seminar	2014; ISBN-930307-0-7. Pp. 978-981