Faculty Profile

Basic Information:



NAME	:	Dr. D. LOKANADHA REDDY
DESIGNATION	:	DEAN
DEPARTMENT	:	COLLEGE OF AGRICULTURE
DATE OF BIRTH	:	05. 01.1960
DATE OF JOINING	:	26.10.2024
EMAIL ID	:	lokanadhadurgam@gmail.com
EMPLOYEE ID	:	2301

Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D. Genetics and Plant Breeding	Indian Agricultural Research Institute (IARI), New Delhi	1996
M.Sc., (Ag.) Genetics and Plant Breeding	Andhra Pradesh Agricultural University (APAU), Hyderabad	1983
B.Sc., (Ag.) Agricultural Sciences	Andhra Pradesh Agricultural University (APAU), Hyderabad	1981

Research Details:

1. Areas of Specialization :		Crop Improvement; Tissue Culture
2. No. of Publications :		26
3. Awards Received :		Merit certificate from Govt. of AP on the eve of Independence Day celebrations at Anantapuramu on 15th August 2011
4. Research Guidance		
	No. of Ph.D. Guided:	1
	No. of M.Sc., (Ag.) Guided:	6
	No. of B.Tech. Guided:	
5. Details of Professional Membership:		

6. Subjects Taught :	**U.G. Courses:** 1) GPBR 311 Principles of Plant Breeding 2) GPBR 411 Seed Production and Certification **P.G. Courses:** 1) GPB 603 Plant Breeding 2) GPB 704 Heterosis Breeding **Ph.D. Courses:** 1) GPB 804 Breeding for quality Improvement

7. Crop Varieties Developed and Released

S.No.	CROP	VARIETY
1	SORGHUM	Podalakur Jonna - 1
2	BLACKGRAM	Podalakur Minumu - 1
3	GROUNDNUT	**9 Varieties** Tirupati-3, Tirupati-4, Kalahasti, Narayani, Dharani, Anantha, Kadiri Harithandra, Kadiri Amaravathi and Kadiri Chitravathi.

Publication Details:

Title	Publisher	Published year
Screening of Sorghum varieties and hybrids for grain mold resistance	*Sorghum Newsletter*, 30: 73-74	1987
Varietal Resistance in Sorghum to Striga (*Striga asiatica* L.)	*The Andhra Agricultural Journal*, 35 (3&4): 305-306	1988
Heritability and Correlation studies in Blackgram (*Vigna mungo* (L) Hepper)	*Journal of Research APAU*, XVI/2: 49 - 52	1988
Performance of Sorghum Hybrids under varied Rainfed Conditions in Andhra Pradesh	*Journal of Research APAU*, XVII/1: 1-3.	1989
Genetic Parameters and Correlations in Greengram (*Vigna radiate* (L)Wilczek)	*Journal of Research APAU*, 17 (4): 387-390.	1989
Suitable Greengram variety for rainfed areas of Nellore District	*APAU News*, 20 (8):4	1989
Performance of Sorghum Hybrids under Rainfed Conditions in Southern Zone of Andhra Pradesh	*The Andhra Agricultural Journal*, 36 (1):79-80	1989
Effect of Centrifugation on Tetraploid and Hexaploid Species Seed of Wheat	*Journal of Research APAU*, 18 (3): 252- 255.	1990
Tips for Sorghum Hybrid Seed Production in Nellore district	*Journal of Research APAU*, 18 (4): 344-345.	1990
Hybridization of *Brassica tournefortii* and cultivated Brassicas	*Cruciferae Newsletter*, 16: 32-33.	1994
Modified Triple Test Cross in Sunflower, *Helianthus annus* L.	*Journal of Oilseeds Research*, 21 (1): 34-35.	2004
Combining ability studies in Sunflower, *Helianthus annuus* L.	*Journal of Oilseeds Research*, 22 (2):385-388.	2005
Combining ability for seed yield and yield components of new inbreds of Sunflower, *Helianthus annuus* L.	*Journal of Oilseeds Research*, 22 (2): 394-395	2005
Identification of Restorers and Maintainers for different cms - sources in sunflower using new Inbreds	*Helia*, 31 (49): 65-70.	2008

Micro propagation studies in Chrysanthemum cv. Basanthi with regards to hormonal concentration and type of explants	*The Asian Journal of Horticulture*, 3 (1): 90-92.	2008
In vitro studies on regeneration of Chrysanthemum cv. Snowcem	*International Journal of Plant Sciences*, 3 (2): 432-434.	2008
Standardization of hormonal concentration and type of explants for the invitro propagation of Chrysanthemum cv. CO-1..	*Progressive Research*, 3 (2): 163-165.	2008
Correlation and path coefficient analysis of yield and yield contributing traits in rice hybrids and their parental lines.	*Electronic Journal of Plant Breeding*, 2 (1): 112-116.	2011
Studies on combining ability for development of New Hybrids in Rice.	*Indian Journal of Agricultural Research*, 42 (2): 97-109.	2011
Correlation and path analysis of yield and yield components in Hybrid Rice (*Oryza sativa* L.).	*Agricultural Science Digest*, 32 (3): 199-203.	2012
The effect of Environment on Combining ability and Heterosis in Hybrid rice.	*Greener Journal of Agricultural Sciences*, 3(9): 669-686.	2013
First report of Tobacco streak ilarvirus infecting Jasmine and Horsegram,	*New Disease Reports*, 28: 7.	2013
Character association and path analysis for yield and yield attributes in sunflower (*Helianthus annuus* L.),	*International Journal of Applied Biology and Pharmaceutical Technology*, 5 (4): 27-30.	2014
First report of Tobacco streak virus infecting Pigeon pea (*Cajanus cajan*) in India.	*Plant disease*, 98 (2):287.	2014
Differential reaction of selected restorers/ maintainers with WA based CMS lines and genetics of fertility restoration in hybrid rice (*Oryza sativa* L).	*Agricultural Science Digest*, 35 (2): 116-120	2015
First report of Groundnut bud necrosis virus infecting *Parthenium hysterophorus* in India.	*Plant disease*, 99 (9): 1287.	2015