**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

NAME: Dr. D. LOKANADHA REDDY

DATE OF BIRTH: 05.01.1960

DESIGNATION: DEAN

DEPARTMENT: COLLEGE OF AGRICULTURE

EMAIL ID: [lokanadhadurgam@gmail.com](mailto:lokanadhadurgam@gmail.com)

DATE OF JOINING: 26.10.2024

EMPLOYEE ID: 2301

**ACADEMIC PROFILE**

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| **QUALIFICATION** | **NAME OF THE BOARD / UNIVERSITY** | **YEAR** |
| B.Sc.,(Ag.)  (Agricultural Sciences) | Andhra Pradesh Agricultural University, Hyderabad (APAU) | 1981 |
| M.Sc.,(Ag)  (Genetics and Plant Breeding) | Andhra Pradesh Agricultural University, Hyderabad (APAU) | 1983 |
| Ph.D.  (Genetics) | Indian Agricultural Research Institute,  New Delhi | 1996 |

**RESEARCH DETAILS**

1. Area of Specialization: Genetics and Plant Breeding
2. List of Publications: 26
3. Awards Received: Merit certificate from Govt. of AP on the eve of

Independence Day celebrations at Anantapur on 15th

August 2011.

1. Research Guidance:
2. No. of Ph.D. Students Guided: 1
3. No. of M.Sc. Students Guided: 6
4. Details of Professional Membership:
5. Subjects Taught:

**U.G, Courses:** GPBR 311, Principles of Plant Breeding

GPBR 411, Seed Production and Certification

**P.G. Courses:** GPB 603, Plant Breeding

GPB 704, Heterosis Breeding

GPB 804, Breeding for Quality Improvement

1. Crop Varieties Developed and Released

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| **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**

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| **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 |

**PATENT DETAILS**

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| S.No. | TITLE OF PATENT | SUBMITTED / PUBLISHED / AWARDED |
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