



Dr. Eswara Reddy NP

Academic Qualifications				
Degree	Specialization	University	Year	Class
Ph. D	Molecular Plant Pathology	Vrije Universiteit Brussel, Belgium	1997	Great Distinction
M.S	Biotechnology	Vrije Universiteit Brussel, Belgium	1991	First
M.Sc (Agril)	Mycology and Plant Pathology	Banaras Hindu University, Varanasi	1982	Distinction
B.Sc (Agril)	Agriculture	ANGR Agricultural University, Hyderabad	1978	Distinction
Experience				
•	Principal Scientist	: 04 days	(27-04-2016 to as on 30 Apr 2016)	
•	Associate Dean	: 4 years, 05 months, 27 days	(02-11-2011 to 21-04-2016)	
•	Professor	: 13 years, 05 months, 19 days	(11-11-2002 to as on 30 Apr 2016)	
•	Associate Professor	: 6 years, 3 months 13 days	(28-07-1996 to 10-11-2002)	
•	Assistant Professor	: 10 years, 4 months, 13 days	(14-03-1986 to 27-07-1996)	
•	Research assistant/Instructor	: 02 years, 11 months, 27 days	(14-03-1983 to 13-03-1986)	
•	Total Experience	: 33 Years, 01 month, 16 days		
Patent				
•	A new product development on "A process for preparing dehydrated fruit bar from prickly pear fruits (<i>Opuntia ficus indica</i>) and PRO - 2015			
Technologies developed				
•	Chemical control of Tikka leaf spot in Groundnut during Kharif in Venkatapuram village, Bukkaraya samudram Mandal, Anantapur District, A.P. - 1998			
•	Evaluated the performance of drought tolerant groundnut genotypes (TCGS-888, TCGS-913) developed through APNL- BTU Project during Kharif and Rabi in Nalgonda and Mahaboob districts of Andhra Pradesh – 2006- 07			
•	Developed a spray schedule for efficient management of mango anthracnose in Chittoor district of Andhra Pradesh - 2009			
•	Talc based formulations of potential leaf endophytes against <i>Colletotrichum gloeosporioides</i> causing mango anthracnose - 2009			
•	Talc based formulations of potential seed endophyte against <i>Sclerotium rolfsii</i> causing stem rot of groundnut - 2010			
•	Talc based formulations of potential root endophyte against <i>Macrophomina phaseolina</i> causing charcoal rot of sunflower – 2013			
•	Developed techniques on cloning of pathogen-inducible plant promoter sequences by random β -glucuroindase gene fusions			
•	Polyacrylamide gel electrophoresis and isoelectric focusing to detect the polymorphism among canker resistant acid lime clones; <i>Fusarium wilt</i> resistant cultivars of pigeon pea			
International Award				
•	Striking of the American medal of Honour 2001 by the International American Biographical Institute, North Carolina, USA			
National awards				
•	Dr. BAP REDDY award for "Integrated Pest Management" for the period 2006-2008			
•	Prof. M.J. Narasimhan Gold Medal awarded for the best paper entitled "Studies on <i>Arabidopsis</i> – <i>Agrobacterium</i> interaction during 1998			

Principal Scientist, Professor of Biotechnology & University Head, Agricultural Research Station ANGR Agricultural University, Nellore -524004. Andhra Pradesh. Email: eswarnp@yahoo.com. Mobile: 9848480544.

University awards	
•	ANGRAU Meritorious Teachers' Award for 2005
•	ANGRAU Meritorious Best Research Scientist Award for the year 2000
•	Sri Veerapaneni Narasimham Memorial Prize consists of Gold Medal <i>and a citation for the Eminent Scientist in the discipline of Plant Pathology</i> for the year 2002
•	Best Teacher award for the year 2012 sponsored by the Mandava Foundation, Nuziveedu Seds, Hyderabad
State awards	
•	AP State University Meritorious Teachers' Award for 2009
Fellowships	
•	CRAWFORD Fund Fellowship, CSIRO, Australia – 2008
•	Awarded Belgian Government Fellowship for M.S. Studies at Vrije Universiteit Brussels, Belgium
•	Awarded ICAR Junior Fellowship for M.Sc. (Ag.) studies
•	Awarded first prize for securing first position in M.Sc. (Ag.) with an OGPA of 4.00/4.00 in the Department of Plant Pathology, Institute of Agricultural Sciences, BHU, Varanasi
Research Grants from External Agencies : 2 crores 26 lakhs	
•	ICT utilization in agricultural education – GAP analysis funded by ICAR for ₹ 14.50 lakhs (2015-18) (as Co-PI)
•	Diagnosis and Management of Leaf Spot Diseases of Field and Horticultural Crops funded by ICAR for ₹ 5.50 lakhs (2015-17)
•	Integrated management of <i>Rhizoctonia bataticola</i> causing dry root of chickpea and molecular characterization of potential biocontrol agents funded by UGC for ₹ 10.63 lakhs (2013-16)
•	Molecular characterization of potential biopesticides and development of specialized formulations against <i>Macrophomina phaseolina</i> causing charcoal rot of sunflower funded by DRDO , Govt. of India, New Delhi for ₹ 20.8 lakhs (20011-2014)
•	Training on low cost production technology of oyster and milky mushrooms in Chittoor and Kadapa district of Andhra Pradesh” funded by NABARD , Hyderabad for ₹ 7.98 lakhs (2011-13)
•	Diagnosis and management of leaf spot of Groundnut funded by Indian Council of Agricultural Research , Govt. of India, New Delhi for an amount of ₹ 45.51 lakhs (2009-2014)
•	Physiological and biochemical approaches for breeding drought tolerant groundnut genotypes funded by ANPL-BTU , Hyderabad for ₹ 54.74 lakhs Completed in March, 2007
•	Molecular characterization and development of commercial formulations of fungicide resistant potential bio-control agents against <i>Colletotrichum gloeosporioides</i> causing mango anthracnose - State Plan Research Project funded by A.N.G.R.A.U , Hyderabad for ₹ 5.56 lakhs
•	Molecular characterization and development of commercial formulations of potential biopesticide against <i>Sclerotium rolfsii</i> causing stem rot of groundnut funded by Department of Biotechnology , Govt. of India, New Delhi for ₹ 44.48 lakhs (2007-2010)
•	Development of nucleic acid based diagnosis of fungicide tolerant and integrated disease management of <i>Colletotrichum gloeosporioides</i> causing mango anthracnose funded by Department of Science and Technology , New Delhi for an amount of ₹ 21.00 lakhs (2007-2010)
•	Design, synthesis and structure – activity evaluation of some new organophosphorous molecules funded by UGC , Govt. of India for an amount of ₹ 9.50 lakhs (2008-2011) (as Co-PI)
•	Identification and molecular characterization of potential (phylloplane, leaf endophytes and fructoplane) antagonists against <i>Colletotrichum gloeosporioides</i> penz. causing mango anthracnose funded by UGC , Govt. of India for an amount of ₹ 9.98 lakhs (2009-2012) (as Co-PI)



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Research guidance	
• Ph.D	: 02 as major advisor, 01 as co-chairman and 01 as co-advisor
• M.Sc (Agril)	: 20 as major advisor and 50 as co-advisor
Publications : 118	
• International Research Publications	: 56
• National Research Publications	: 46
• Books	: 03
• Book Chapters	: 03
• Bulletins/Scientific articles	: 08
• Lecture Notes	: 03
Consultancy	
• Institutional Bio Safety Committee (IBSC) Member for M/s Nuziveedu seeds Company, Hyderabad to monitor the Genetically Modified Organisms (GMOs) for food safety	
• Institutional Bio Safety Committee (IBSC) Member for Acharya N.G. Ranga Agricultural University, Rajendranagar, Hyderabad to monitor the Biotechnology work for food safety	
• Institutional Bio Safety Committee (IBSC) Member for M/s. Prabhath Agri Biotech Limited, Hyderabad to monitor the Biotechnology work for food safety	
Editorial Board	
• Executive council member in International Journal of Plant Protection, Muzaffarnagar, India	
• Zonal Councilor for South Zone of Association of Advancement of Pest Management in Horticultural Ecosystems (AAPMHE), Bangalore	
Fellowship in Professional Societies	
• Fellow of Phytopathological society of India (FPSI), IARI, New Delhi, India	
• Fellow of Hind Agri-Horticultural Society, Muzaffarnagar (FHAS), (U.P.), India	
• Fellow of National Environmental Science Academy (FNESA), New Delhi, India	
Expert Member	
• Member in the selection committee for recruitment of faculty positions of College of Horticulture & Forestry under Central Agricultural University, Imphal, Manipur	
• Member in the selection committee for promotions under career advancement scheme in Department of Biotechnology at Sri Padmavathi Mahila Viswavidyalayam, Tirupati	
• Member in the selection committee for UGC scheme award of BSR fellowship in sciences for meritorious students at Sri Venkateswara, Tirupati	
• Member in board of studies in Biotechnology at Sri Padmavathi Mahila Viswavidyalayam, Tirupati	
• Chairman of the Technical Session III – Crop Protection-Plant Pathology at Central Tobacco Research Institute, Rajahmundry in formulating technical programme of work	
• Expert member of project review committee for reviewing the completion of the project and utilization of funds at Sri Padmavathi Mahila Viswavidyalayam, Tirupati	
• Expert member of project review committee for reviewing the completion of the project and utilization of funds at Sri Venkateswara University, Tirupati	

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•	Advisory Committee member for DBT M.Sc. Biotechnology programme at Sri Padmavathi Mahila Viswavidyalayam, Tirupati
•	President for the AP Journal of Agricultural Sciences published by Society of Agricultural Scientists, Tirupati
Conferences	
•	International - 17
•	National - 16
Teaching ability	
•	Course material related to Agricultural courses viz. Path-371, Path-372 and PI.Path-505 were developed
•	Established Biotechnology laboratory to strengthen practical component for both UG and PG students
Life membership in scientific bodies	
•	Life member in Indian Phytopathological Society
•	Life member in Journal of Plant Biochemistry and Biotechnology
•	Life member in International Journal of Plant Protection
•	Life member in Life Science Reporter
•	Life member in Indian Journal of Plant Protection
•	Life member in National Academy of Biological Sciences (NABS)
•	Life member in National Environmental Science Academy
•	Member in Geobios; Member in Journal of Research ; Member in Journal of Mycology and Plant Pathology ; Member in Indian Journal of Plant genetic resources; Member in American Association for the Advancement of Science
Countries visited	
•	Australia, Austria, Belgium, France, Germany, Netherlands and USA