




Bharath Institute of Higher Education and Research

Faculty Profile

Personal Details		
< Name>	Dr.S.ANANDHI LAVANYA	
<Designation>	Associate Professor	
<Department>	Faculty of Agricultural Sciences	
< Name of Institution>	Bharath Institute of Higher Education and Research	
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Area of Interest	Pulse breeder, Mutation Breeding and biotechnology.
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Subjects Taught	
UG	PG
Principles & Applied Biotechnology	
Principles & Methods of Plant Breeding	
Fundamentals of Genetics	
Breeding Field crops and Horticultural crops	
Fundamentals of plant Biochemistry and Biotechnology	
Principles of seed production technology	
Principles of Plant Breeding and seed science technology	

Academic Background				
Degree	Specialization	University	Class	Month & Year of Passing
Ph.D Agri	Plant breeding and Genetics	Tamil Nadu Agricultural University	I	May 2017
M.Sc., Agri	Plant breeding and Genetics	Tamil Nadu Agricultural University	I	May, 2013
B.Sc., Agri	Agriculture	Tamil Nadu Agricultural University	I	June, 2012

Work Experience as on Dec-2014							
Name of the Institution/Company		Position		From		To	
Dept.of Plant Molecular Biology & Bioinformatics, TNAU,Coimbatore		Senior Research Fellow		30.09.13		13.08.14	
The Gandhi gram Rural (Deemed to be University), Gandigram, Dindigul		Guest Faculty / Part time teacher		09.08. 17		30.07.1 8	
Annamalai University , Chidambaram		Research Associate		1.08.18		31.07.2021	
Bharat Institute of Higher Education and Research		Associate Professor		02.08.2021		Till Date	
Total experience	<Years> 4 years 8months	Teaching	<years> 11 months	Research	<years> 3 years 1months	Administration	<years>.

Research Publications				
International Journal	National Journal	International Conference	National Conference	Total Number of Publications
5	7	9	1	22

Recent Publications(Journals)- Chronological order	
Sl.No	Details
1	S. Anandhi Lavanya and C. Vanniarajan. 2014. Clustering of Greengram (<i>Vigna radiata</i> (L.)Wilczek) GenotypesBased on Qualitative Characters – VEGETOS 27 (2): 389-393.
2	S.Anandhi Lavanya , Vairam. N and Vanniarajan. C. 2014. Correlation Studies for Quantitative Traits in Greengram [<i>Vigna radiata</i> (L.)Wilczek] Genotypes - Indian Journal of Plant Genetic Resources
3	S. Anandhi Lavanya and C. Vanniarajan.2014. Biochemical Characterisation of Elite Green Gram (<i>Vigna Radiata</i> (L.)Wilczek) Genotypes- International Journal of Scientific Research 3(3): 1-2.
4	N.Vairam, S. Anandhi Lavanya , S. Muthamilan and C.Vanniarajan.2016. Screening of m ₃ mutants for yellow vein mosaic virus resistance in greengram (<i>vigna radiata</i> (l.) Wilczek). International Journal of Plant Sciences 11(2): 99 -102
5	A.Senbagam, C. Vanniarajan and S. Anandhi Lavanya .2016.Spectrum and

	frequency and viable mutations in M ₂ Generation of Two Indeterminate type varieties of Blackgram (<i>Vigna mungo</i> (L.) Hepper) - Advances in Life Sciences 5(18): 7341-7344
6	S. Anandhi Lavanya , C. Vanniarajan and J. Souframanien. 2016. Kill curve analysis and response of first generation blackgram (<i>Vigna mungo</i> (L.) Hepper) cultivars to gamma rays and electron beam radiation. – The Bioscan 11(4): 3133 -3138
7	N. Vairam, S. Anandhi Lavanya and C. Vanniarajan.2017.Screening for pod shattering in mutant population of mungbean (<i>Vigna radiata</i> (L.) Wilczek. <i>Journal of Applied and Natural Science</i> 9 (3): 1787 -1791
8	S. Anandhi Lavanya , C. Vanniarajan and J. Souframanien. 2017. Influence of Gamma rays on Germination, Survival and Pollen sterility in Black gram (<i>Vigna mungo</i> L.) Mutants - The Bioscan - 12(2): 1151 -1154
9	S. Anandhi Lavanya , C. Vanniarajan and J. Souframanien. 2017. Effect of gamma irradiation on F ₁ M ₁ seeds in black gram (<i>Vigna mungo</i> (L.) Hepper) – Plant archives -17(2): 1533 -1536.
10	V.Kuralarasan, C. Vanniarajan, S.Kanchana, K.Veni and S.Anandhi Lavanya . 2018 Genetic divergence, heritability and genetic advance in Mutant lines of urdbean (<i>Vigna mungo</i> L. Hepper). - Legume Research – 41(6): 833 - 836.
11	C. Vanniarajan, S. Ganeshram, J. Souframanien, K. Veni, S. Anandhi Lavanya and V. Kurularasan. 2019. Gamma rays induced urd bean (<i>Vigna mungo</i> (L.) Hepper) mutants with YMV resistance, good batter quality and bold seeded type - Legume Research - 42(1): 25 - 31 .
12	S. Anandhi Lavanya , C. Vanniarajan and J. Souframanien. 2020. Study of Chlorophyll and Macro mutations Induced by Physical Mutagens in Black Gram [<i>Vigna mungo</i> (L.) Hepper] - Legume Research – LR 3824 (Published in Online)
Recent Publications(Conferences) -Chronological order	
Sl.No	Details
1	V.Divya bharathi, S. Anandhi Lavanya , R.Thirumalaiand S.Murugan. 2019 – Effect of Biochemical Substances Linked to Yellow mosaic virus in Greengram Genotypes [<i>Vigna radiata</i> (L)]
2	S. Anandhi Lavanya , R.Thirumalaiand S.Murugan. 2019 – Qualitative Characters OF Greengram Genotypes (<i>Vigna radiata</i> (L.) Wilczek)
3	S.Anandhi Lavanya , C. Vanniarajan and J. Souframanien and N.Vairam. 2019 - Induced viable mutants in M ₂ generation of blackgram <i>Vigna mungo</i> (L) Hepper
4	S.Anandhi Lavanya , C. vanniarajan and J. Souframanien.2017 – Influence of

	electron beam on Germination, Survival and Pollen sterility in Black gram (<i>Vigna mungo</i> L.) Mutants .
5	S. Anandhi Lavanya , C.Vanniarajan and N.Vairam .2017 - Genetic Variability studies in Greengram (<i>Vigna radiata</i> (L.)Wilczek) genotypes based on qualitative characters-Agri student conference
6	S. Anandhi Lavanya , C. Vanniarajan and J. Souframanien. 2017. Studies on Quantitative Characters for Gamma Rays Treatment in Urd bean (<i>Vigna mungo</i> (L.) Hepper). Applications of Radioisotopes and Tracer Techniques in Agriculture and Environment:P. 83
7	S. Anandhi Lavanya and C.Vanniarajan and E.Murugan.2014 – Studies in elite green gram (<i>Vigna radiata</i> (L.) Wilczek) germplasm
8	S. Anandhi Lavanya and C.Vanniarajan . 2013 – Genetic variability studies in elite green gram (<i>Vigna radiata</i> (L.) Wilczek) germplasm.
9	S. Anandhi Lavanya and C.Vanniarajan . 2013 – Clustering of Greengram (<i>Vigna radiata</i> (L.) Wilczek) genotypes on qualitative characters. – First Agricultural Student Conference.
10	N.Vairam, S. Anandhi Lavanya , C.Vanniarajan and Ibrahim. 2013 – Greengram for combating Malnutrition.

Roles and Responsibilities	
Sl.No	Details
1	Year Coordinator – 2018 Batch, FOA, Gandhigram rural Institute
2	Lab in charge in Biotechnology – Annamalai University

Awards Received	
Sl.No	Details
1	Development of an ideal ideotype for enhanced productivity and synchronized maturity through induced mutagenesis in blackgram (Student SRF) - Baba Research Nuclear Science - Baba Atomic Research centre.
2	Best young Researcher Award - GRABS Educational Charitable Trust.
3	Best Ph.D Thesis award – National conference on post graduate research in farm universities.
4	Best Doctoral Thesis in Blackgram Research – Dr.P.Veerababhiran Gold medal