

## FACULTY PROFILE

- 1.Name : Dr. S.Leelavathi
- 2.Designation : Associate Professor
3. Qualification : M.Sc., M. Phil., Ph.D.
4. Area of Specialization: Physiology, Biochemistry and Ethnobotany

### Number of projects:

#### Completed

Sl.No.	Title of the Project	Funding Agency	Amount	Year(From-to)
1.	Phytochemical investigations of some medicinal herbs	University of Mysore	Rs.76,000-00	2006-2008

- Number of Ph.D candidates successfully completed: 3
- Number of Ph.D candidates currently working: 3
- Number of M.Phil candidates currently working: 1

### Publications:

#### Articles in Journals

Sl.No.	Title of the Article	Journal	Year/month
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1.	The effect of rubber factory effluent on seed germination, seedling growth and chlorophyll content of tomato, egg plant and chill.	Asian J. Microbial Biotech. Env. Sc. Vol. 4(3).	2002
2.	Toxicity of sugar factory effluent on germination. Vigor index and chlorophyll content of paddy.	Nature, Environment and Pollution Techno- -logy. Vol. 1(3).	2002
3.	Effect of insecticidal and fungicidal seed treatments on seedling Vigour and chlorophyll content in red gram and sunflower during seed germination.	Asian J. Microbial Biotech. and Env. Sc. Vol. 4(2).	2002
4.	Effect of Gaucho & Apron on seed germination, seedling growth & chlorophyll content of two cultivar varieties of sunflower ( <i>Helianthus annuus L.</i> )	Pollution research. Vol. 21(3)	2002
5.	Effect of some xenobiotics on early seedling growth & chlorophyll content in sunflower during seed germination.	Eco.Env.& Cons. 8(2).	2002
6.	Individual & synergistic effect of metalaxyl & gaucho on chloroplast pigments, relative water content & stability index of chlorophyll in <i>Helianthus annuus, L.</i>	Current Science 2(2)	2002
7.	Effect of different soaking periods of dimethoate	Asian Jr. of	2003

	30% EC on early seedling growth, chlorophyll pigment & percent phytotoxicity on germinating seeds of green gram variety.	Microbial Biotech. Env. Sc. Vol. 5(1)	
8.	Efficacy of antagonist fungal culture & culture filtrate spray on ergot development of pearl millet.	Geobios new reports.	1992

### Papers in conferences/ Seminars/ Proceedings:

Sl.No.	Title of the paper	Title of the Conference/Seminar	Year
1.	Preliminary studies on the effect of textile effluent on seed germination of paddy cultivars.	Proc. of Dr.Shivaram Karanth memorial International seminar on air & water pollution of urban environment.	1998
2.	Impact of sugar factory effluent on paddy seeds during germination.	Proc. 88 <sup>th</sup> Indian Science Congress . New Delhi.	2001
3.	Effect of Gaucho & Apron on seed germination, seedling growth & chlorophyll content of <i>Cajanus cajan</i> Mill.	Proc. 88 <sup>th</sup> Indian Science Congress . New Delhi.	2001
4.	Effect of different imbibition periods on seedling vigour & chlorophyll of <i>Vigna radiata</i> .	National Seminar, NPCECC, Belgaum.	2001
5.	Effect of Gaucho & Apron on seedling Morphology.Chlorophyll degradation & percent phytotoxicity of <i>Sorghum bicolor</i> , <i>L. dur-</i> -ing seed germination.	International Congress of chemistry & Environment, Indore.	2001
6.	Effect of pre-sowing seed treatments with Gaucho & Apron on early growth, germination, chlorophyll & phytotoxicity in Pigeon pea.	International conference of SAARC Countries on Biotechnology in Agriculture, Industry & Environment Microbiologist society, Karad.	2001
7.	Effect of seed treatment with imidacloprid	Proc. of 89 <sup>th</sup> Indian Science	2002

	70 WS & metalaxyl 35 WS on early seedlings growth & Chlorophyll content on germinating seeds of Zea mays.,	Congress.	
8.	Effect of invitro seed treatment with gaucho 70 WS and Apron 35 WS seedling vigour, chlorophyll degradation & phytotoxicity on germination seeds of soyabean.	National Seminar. Warangal, Andhra Pradesh.	2002
9.	Effect of Krilaxyl & gaucho on chloroplast & protein content on early seedlings of sunflower.	ISC, 90th session of Indian science Congress, Bangalore.	2003
10.	Participated in the Seminar as Convenor	National Seminar on "Biosafety global models in research & clinical trails", organized by the consortium of MSRIT, SCE & ACIT, Bangalore	2006