

# SUN AGRO BIOTECH RESEARCH CENTRE

## LIST OF M.Sc. / M.TECH. STUDENT PROJECT HOSTED DURING 2007-2013.

S.No	Student Name	Project Title	College	Year
		<b>A. Mass Production of Microbial biopesticides</b>		
1	Nirmala Kumari	Evaluation of raw materials for the mass- products of biopesticides, <i>Pseudomonas fluorescens</i> and their compatibility with chemical pesticides.	Acharya Nagarjuna University	2007
2	G.Ramya	Guar gum and polyethylene glycol an economical inducer for improved growth kinetics of <i>Pseudomonas fluorescens</i> and <i>Trichoderma viride</i>	AVC College (Autonomous) Mayiladuthurai	2007
3	A.Mohamad Ibrahim	Production of enzyme cellulose from <i>Trichoderma viride</i>	Arunai College OF Engineering - Thiruvannamalai.	2008-09
4	C.Subashini	Production of Amylase from <i>Trichoderma viride</i> and <i>Verticillium lecanii</i>	Arulmugi Panirupidi Ayyan College of Arts & Science.	2008-09
5	Fareena ramzan	Production of Antibiotic like substances from <i>Metarhizium anisopliae</i> and <i>Trichoderma viride</i> and its activity against pathogens.	Sastra University Thanjavur.	2008-09
6	L.Vidya	Evolution of Wheat , rice husk and tapioca for the cost-effective production of <i>Beauveria bassiana</i>	JJ College of Arts & Science Sivapuram,Pudukkotta i.	2009
7	S.Mohamed Moliken Subin	Effect of additives and combination products on efficacy of entomopathogen- <i>Beauveria bassiana</i>	Annai Velankanni College of Arts & Science Tholayavattam Nagarcoil	2010-11
		<b>B. Mass Production of Biocontrol agents</b>		
8	S.Manivannan	Study of strain selection in <i>Trichogramma chilonis</i> (Trichogrammatidae : Hymenoptera )	Madras Christian College (autonomous) Chennai	2007

9	H.Shalini	Study of scope for genetic improvement and cold storage of commercially produced biocontrol agent- <i>Trichogramma</i>	Annai Velankanni College of Arts & Science Tholayavattam Nagarcoil	2010-11
		<b>C. Use of beneficial microbes for Bio-remediation.</b>		
10	N.Narmadha	Strategy assessment of pendimethalin degradation rate by <i>Pseudomonas fluorescence</i>	AVC College (Autonomous) Mailadudurai.	2007
11	r.Gokul Raj	Study on the evaluation of lituron-degradation using <i>Trichogramma viride</i>	AVC College (Autonomous) Mailadudurai.	2007
12	Anjali Kumari	Aerobic degradation of herbicide Diuron , employing antagonistic organisms	St. Prters Engineering College –n Avadi - Chennai.	2007-08
13	Swetha S. Mohan	Exploitation of the antagonistic organisms <i>Trichoderma viride</i> and <i>Pseudomonas fluorescence</i> for degradation of the herbicide Diuron.	Hindusthan College of Arts & Science – Coimbatore.	2007-08
14	R.Jayalakshmi	Exploitation of the antagonistic organisms <i>Trichoderma viride</i> and <i>Pseudomonas fluorescence</i> for degradation of the herbicide Diuron.	JJ College of Arts & Science – Sivapuram-Pudukkottai.	2007-08
15	R.Jayachandran	Remediation of Malachite green using <i>Verticillium lecanii</i>	Arunai College OF Engineering - Thiruvannamalai.	2008-09
		<b>D. Eco-safety of Pesticide Products</b>		
16	R.Vijayaraghavan	Persistence toxicity of thiobencarb on <i>Verticillium lecanii</i> under in conditions.	Arunai College OF Engineering - Thiruvannamalai.	2008-09
17	R.Ranjith	Compatibility of <i>Trichoderma viride</i> with <i>Azoxystrobin</i> .	Sastra University m-Thanjavur.	2008-09
18	A.Stepani	Evaluation of persistence and toxicity of Buprofezin on <i>Paecilomyces fumosoroseus</i> under invitro conditions.	Ethiraj College for Women – Chennai.	2008-09
19	J.Mary Pramila	Toxicity study of biopesticides and synthetic pesticide to commercially produced biocontrol agent	Annai Velankanni College of Arts & Science-Tholayavattam	2010-11

		<i>Trichogramma</i> .	- Nagarcoil.	
20	D.Vigneshwar	Toxicity study of biopesticides and synthetic pesticide to commercially produced biocontrol agent <i>Trichogramma</i> .	St.Josheps College of Engineering – Chennai.	2010-11
21	M. Vakini	Interaction of <i>Azospirillum</i> with chemical and bio-pesticides	Annai College of Arts and Science, Kumbakonam	2012-13
22	N. Giridharan	Interaction of <i>Rhizobium</i> with chemical and biopesticides	Hindustan College of Arts and Science, Coimbatore	2012-13
23	J. Richard Susaimani	Interaction of <i>Rhizobium</i> with chemical and biopesticides	Loyola College, Chennai	2012-13
24	J. Mohamed Batcha	Biosafety of botanical products to <i>Trichogramma chilonis</i>	Hindustan College of Arts and Science, Coimbatore	2012-13
		<b>E. Interaction of Botanical Biopesticides</b>		
25	M. Vinotha	Interaction of botanical biopesticides with <i>Beauveria bassiana</i>	Annai College of Arts and Science, Kumbakonam	2012-13
26	S. Priyatharshni	Bio safety of botanical products to Heat tolerant strain of <i>Trichogramma chilonis</i>	Annai College of Arts and Science, Kumbakonam	2012-13
27	M. Sripaul	Bioassay of seed extracts of Noni on Bruchid pests.	Loyola College, Chennai	2012-13

## 2. LIST OF PH.D RESEARCH PROJECTS:

Name of the Candidate	Institution/University	Year of Completion	Research topic
<b>2.1. COMPLETED</b>			
R. Raja	University of Madras	2008	Microbial control of <i>Plutella xylostella</i>
Puriya	University of Madras	2009	Biosystematics of Mizoram white flies
S. Gajalakshmi	University of Madras	2010	Bio-ecological studies of fruit flies
A. Anbuselvi	University of Madras	2011	Eco-safety of pesticides to <i>Trichogramma</i>
<b>2.2. PRESENTLY ONGOING</b>			
Name of the Candidate	Institution/University	Expected duration of Completion	Research topic
A. Venkatachalam	University of Madras	2012-15	Fruit flies and Noni
S. Judy	University of Madras	2012-15	Trichogramma genetics and HT strain
K. R. Manikandan	University of Madras	2012-15	Sugarcane Borer and Pheromone traps
R. Kalyanakumar	University of Madras	2012-15	Trichogramma production and Corcyra strain