



CURRICULUM VITAE OF DR.G.S.KANNAN

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Ph: 0451-2426407
3. Qualification : B Sc. (Zoology), B.Sc.(Ag), M.Sc. (Ag.)
(Mycology and Plant Pathology), and
Ph.D. in Agriculture
4. Date of birth : 15.05.1962
5. Experience in present organization: 18 Years

6. Educational Qualifications

Degree	University	Year of award	OGPA / Marks
B.Sc., (Zool.)	Madurai Kamaraj University	1983	79.80 %
B.Sc., (Agrl.)	Tamil Nadu Agrl University, Coimbatore	1987	72.00 %
Awarded ICAR Research Fellowship	ICAR, New Delhi	1987	I in the National Level

M.Sc., (Agri) Plant Pathology	Annamalai University Chidambaram	1989	86.00 %
Ph.D	Gandhigram Rural Institute, Gandhigram	2002	Highly commended

7. Title of Ph.D. Thesis : “Studies on the Interaction of Arbuscular Mycorrhizae and Collar rot of Groundnut”

- 8. Current Areas of Research and Positions Held**
- a) Interaction of Arbuscular Mycorrhizae with root infecting Pathogens of Crop plants and *Jatropha curcus*.
 - b) Studies on Ochratoxin A in Coffee.
 - c) Response of *Jatropha* plants towards Bio-inoculants.
 - d) Studies on the effect of Flubendiamide 240+ Thiacloprid 240-480SC (RM) on management of Cardamom pest.
 - e) Eco-friendly management of rice sheath blight disease caused by *Rhizoctonia solani* Kuhn
 - f) Base on my proposal, recently the University Grants Commission, New Delhi has sanctioned a **Centre for *Jatropha* and Bio-Fuels Promotion (CJBP)** at an out lay of Rs. 88 lakhs (Rupees Eighty Eight Lakhs) to the Faculty of Agriculture & Animal Husbandry of Gandhigram Rural University under One time Grant in Tenth Five Year Plan. **Dr. G. S. KANNAN, Reader in Plant Protection**, Faculty of Agriculture & Animal Husbandry of Gandhigram Rural University is the **Director of the Centre**.
 - g) **Associate Coordinator, Center for Indigenous Knowledge in Agriculture**, Faculty of Agriculture & A.H., Gandhigram Rural University, Gandhigram, Dindigul- 624 302.

9. Projects undertaken:

S.No.	Year	Title of the Project	Funding Agency	Outlay
1.	2006-2008	Centre for <i>Jatropha</i> and Bio-fuels Promotion	UGC, New Delhi	Rs. 88,000,00/-
2.	2007-2009	Major Research Project on “Validation and Standardization of Indigenous Dryland Practices ”	UGC, New Delhi	Rs.4,05,900/-

10. Details of Programmes attended

- a) Orientation Course : One
b) Refresher Courses : Three
c) Winter School : One
d) Training Programme/
Short courses attended : Four

11. Seminars conducted as Seminar Co- Director

Particulars	Sponsored by	Period	No. of Days
1. State Level Seminar on 'Indigenization of Indian Farming: Problems and Prospects'	UGC-Unassigned Grant through GRU	07.03.03-08.03.03	2
2. National Seminar on Recent Trends in Jatropha Production and Processing.	UGC-Unassigned Grant through GRU	09-02-07-10-02-07	2

12. Seminar /workshop/symposium/ attended

- a. International Level : One
b. National Level : Eighteen
c. Regional Level : Eight
d. Papers presented in various Seminars/Workshops/Symposia

Authored/co-authored the following papers presented in various Journals, Seminars and Workshops:

13. Publications:

Title of the paper	Date	Published in
1. Bio Control of Cereal Beetle <i>Tribolium Castaneum</i> (Herbst) in Rice.	July 2002, Vol.V, No.1	Journal of Extension and Research, Department of Applied Research GRI, Gandhigram.
2. Efficacy of Azoxystrobin (Amistar 25 sc) against major diseases in grapevine	March 2003 Vol. XXVII, No.3	Pestology Journal
3. Bio manures and productivity of Indian agriculture	March 2004 Vol. VI, No.1.	Journal of Extension and Research, Department of Applied Research GRI, Gandhigram.

4. Indigenous Grain Storage Structures of South Tamil Nadu, India	Accepted for publication	Compas Magazine, Netherlands.
5. Categorization and Analysis of Indigenous Agricultural Practices in Different Cropping Systems	March 2004 Vol. VI, No.1	Journal of Extension & Research Department of Applied Research, GRI, Gandhigram.
6.Efficacy of Fenamidone 50 SC and its ready mix combinations against downey mildew of grapevine	July 2004 Vol.XXVIII	Pestology Journal
7.Categorization and Analysis of Indigenous Agricultural practices in different cropping systems	January 2005 Vol.VII. No.1-2	Journal of Extension and Research, Department of Applied Research GRI, Gandhigram
8 Efficacy of Melody 50 WG and its ready mix combinations against downey mildew Disease and its economics in grapevine	December 2005 Vol. XXIX	Pestology Journal
9.Efficacy of Fenamidone 50 SC and its ready mix combinations against downey mildew of grapevine-II season	December 2005 Vol. XXIX	Pestology Journal
10.Categorization and Analysis of Indigenous Agricultural practices in different cropping systems	January 2005 Vol.VII. No.1-2	Journal of Extension and Research, Department of Applied Research GRI, Gandhigram
11.Analysis of some quality parameters of milk obtained from different sources of supply	4,5-03-2005	National Seminar on Recent Trends and Issues in the Evolution of appropriate Technologies for Integrated Rural Development
12. Prevalence, Distribution and Usage of Medicinal Plants in Dindigul District of Tamil Nadu	4,5-03-2005	National Seminar on Recent Trends and Issues in the Evolution of appropriate Technologies for Integrated Rural Development
13. Adoption of Indigenous Agricultural Practices for Rat Control in Different Cropping Systems	4,5-03-2005	National Seminar on Recent Trends and Issues in the Evolution of appropriate Technologies for Integrated Rural Development.

b. National Level

1. Studies on the effect of different seed dressing fungicides on the incidence of collar rot of groundnut	7-9 12.1989 3 days	Symposium on Plant Disease problems & there management in South India-Indian Phyto Pathological Society Southern Chapter), IIHR, Bangalore.
2. Effect of Certain fungicides on the Number and size of root nodules in groundnut crop	9-11 1.1990 3 days	XXX Annual conference of Association of Microbiologists of India-Dept.of Microbiology, F.Aagri., Annamalai University

3. Tree Culture and its constraints	18-20 9.1997 3 days	National Seminar on Environment Periyer Maniammal College of Technology for Women, Vallam, Thanjavur.
4. Efficacy of plant products as protectants against pulse beetle <i>Callosobruchus chinensis</i> (L) in Green gram	28-29 12.1997 2 days	National Conference on Frontiers in biofertilizers & Bio pesticides-Microbiologists Association, YC college, Karad, Maharashtra.
5. Efficacy of Plant Products as protectants against cereal beetle <i>Tribolium Castaneum</i> (HERBST) in Rice	13-18 3.1999 5 days	XXII Indian Social Science Congress, Agrl. Section GRI., Gandhigram
6. Farmers Technology for grain and seed storage.	13-18 3.1999 5 days	XXII Indian Social Science Congress, National Seminar on People Technology Democratic social organization & Rural Development. GRI, Gandhigram.
7. Possibilities for the use of Coconut Fronts for RCC Reinforcement.	13-18 3.1999 5 days	XXII Indian Social Science Congress, Agrl. Section GRI., Gandhigram
8. Influence of VA Mycorrhizal Fungi on the Development of Collar Rot disease of Groundnut.	10-11.3.2000 2 days	National Seminar on Environment Periyar Research Organization for Biotech & Eco-System (PROBE) Periyar Nagar, Vallam, Thanjavur.
9. Adoption of Indigenous Organic Practices for Pest and Disease Management in Different Farming Systems	7,8-02.2002 2 days	National Seminar On Market Oriented Agriculture. Organised by Dept. Agrl. Extension F. Ag. Annamalai University.
10. Some interaction studies on Arbuscular Mycorrhizae and collar rot of groundnut	20,21-03- 2003 2days	National seminar on integrated plant disease management for sustainable agriculture, Dept. of Plant Pathology Annamalai University
11. Farmers participation in irrigation management participatory rural appraisal (PRA) approach-case study	21,22-01- 2004	National seminar on Recent trends in water management RTWM-2004. Dept. of Civil Engg. Alagappa Chettiar college of Engg & Technology, Karaikudi.
12. Conservation of Medicinal Plants- Importance and Strategies	6,7-01-2005	National Seminar on Role of Universities in Intellectual Property Education, Research and Public outrage. Dept. of Economics. GRI., Gandhigram
13. Prospectus and Marketing Potential of Medicinal Plants	6,7-01-2005	National Seminar on Role of Universities in Intellectual Property Education, Research and Public outrage. Dept. of Economics. GRI., Gandhigram

14. Analysis of some quality parameters of milk obtained from different sources of supply	4,5-03-2005	National Seminar on Recent Trends and Issues in the Evolution of appropriate Technologies for Integrated Rural Development. Faculty of Agri & A H., GRU., Gandhigram
15. Prevalence, Distribution and Usage of Medicinal Plants in Dindigul District of Tamil Nadu	4,5-03-2005	National Seminar on Recent Trends and Issues in the Evolution of appropriate Technologies for Integrated Rural Development Faculty of Agri & A H., GRU, Gandhigram.
16. Adoption of Indigenous Agricultural Practices for Rat Control in Different Cropping Systems	4,5-03-2005	National Seminar on Recent Trends and Issues in the Evolution of appropriate Technologies for Integrated Rural Development. Faculty of Agri & A H., GRU., Gandhigram
17. Farmers' Participation in Irrigation Management- PRA Approach- A Case Study	26,27-05-2005	National Seminar on 'Folk Knowledge of Water Management', University of Calicut, CWRDM campus,
18. Folk Knowledge of Water Management'	26,27-05-2005	National Seminar on 'Folk Knowledge of Water Management' University of Calicut & CWRDM campus.
19. Bio-Diesel in India-A Scenario	09,10-02-07	National Seminar on Recent Trends in Jatropha Production and Processing. Faculty of Agri & A H., GRU., Gandhigram
20. Jatropha for Clean Development Mechanism	09,10-02-07	National Seminar on Recent Trends in Jatropha Production and Processing. Faculty of Agri & A H., GRU., Gandhigram
21. The Jatropha system	09,10-02-07	National Seminar on Recent Trends in Jatropha Production and Processing. Faculty of Agri & A H., GRU., Gandhigram
22. Studies on the influence of Bio-Inoculants on Jatropha seedling	09,10-02-07	National Seminar on Recent Trends in Jatropha Production and Processing. Faculty of Agri & A H., GRU., Gandhigram
23. Extension Strategies for the promotion of Jatropha	09,10-02-07	National Seminar on Recent Trends in Jatropha Production and Processing. Faculty of Agri & A H., GRU., Gandhigram

24. Effect of Micro-Nutrient fortified Compost on fruits	29 th February 1 st March 2008	National Seminar on Organic farming and Sustainable Agriculture for food security.
25. Ochratoxin A Contamination in Organic and Non-Organic Coffee Bean	29 th February 1 st March 2008	National Seminar on Organic farming and Sustainable Agriculture for food security.
26. Effect of Bioinoculants on <i>Jatropha curcus</i> L. seedlings	29 th February 1 st March 2008	National Seminar on Organic farming and Sustainable Agriculture for food security.
27. Studies on the effect of Bio-Inoculants for sustainable Vegetable production	29 th February 1 st March 2008	National Seminar on Organic farming and Sustainable Agriculture for food security.
28. Validation of Indigenous Agricultural Practices- Gandhigram Experience	29 th February 1 st March 2008	National Seminar on Organic farming and Sustainable Agriculture for food security.
29. Survey of Ochratoxin A in Indian green coffee destined for export.	June 2008	Journal of Food Additives and Contaminants, Taylor & Francis Publication (UK).

c. Regional Level:

1. Assessment of surface water] resources]	13-14 11.1998	Regional seminar cum workshop on issues in water conservation for Agrl. Development, F.Agrl. & A.H GRI., Gandhigram.
2. How effective farmers] participation is in irrigation] management-An experiment]	2 days	

d. Local Level:

1. Coir Waste composting	18.2.95 1 day	Home seminar on Waste Management & Recycling, Faculty of Rural Oriented Science, GRI, Gandhigram
2. Conducted a research trial on cauliflower with a new unreleased insecticide	16.12.95- 25.02.96	CIBA-GEIGY
3. Toxic Terrorism	08-12 8.1994 5 days	IFS Officers Training Programme- F.Agrl. & A.H., GRI. Gandhigram.

4. Attended the Workshop CBCS regulations – Brain Storming session. And contributed suggestions	18-19.03.2002 2 days	CBCS coordinators, GRI, Gandhigram.
5. Attended the Seminar on CBCS regulations.	02.05.2002	CBCS coordinators, GRI, Gandhigram.

e. Popular Articles:

1. Smut Disease of Sugarcane	14.1.91	Indian Express
2. Powdery mildew in Grapevine	22.2.92	Indian Express
3. Nematode Management in Vineyards	28.2.92	Indian Express
4. Grain Smut - A threat to Irungucholam Cultivation	29.2.92	Indian Express
5. Downey mildew in grapes	March'92	GRI News
6. A Pest of Pomegranate	28.3.92	Indian Express
7. Castor a crop for all Cropping Systems	18.4.92	Indian Express
8. Damping off and its Physiology	02.5.92	Er Ulavan (Tamil)
9. Alley cropping in rain fed Conditions	17.6.92	Hindu
10. Toxic Terrorism	Nov.1992	Ariga Ariviyal (Tamil)
11. Dryland Coriander-success story	Oct.1993	Spice India
12. Seed Treatment and other Disease Control in Nursery and Plantation	26.10.94	Regional Centre National Afforestation and Eco-Development Board, Bangalore
13. A Practical Problem in pepper Cultivation.	Jun.1996	Spice India

14. Radio Talks

1. White fly problem in Bhendi	31.03.95	All India Radio, Madurai.
2. Plant Protection in dry land	04.07.95	All India Radio, Madurai.
3. Downey mildew in grapes	08.03.97	All India Radio, Madurai.
4. Insect Pest management in summer cotton	24.05.05	All India Radio, Madurai

15. Research Supervision

No. of candidates

Post Diploma in Seed Production Technology – Projects guided	4
Four Ph.D scholars currently working	4

16. Projects guided

1. Efficacy of plant products as Protectants against pulse beetle *Callosobruchus chinensis* (L) in Green gram.
2. A case study on adoption of seed production techniques in paddy seed farm (IR-64)
3. Effect of new fungicides on groundnut Tikka leaf spot and Rust diseases
4. Efficacy of plant products as Protectants against Cereal beetle *Tribolium castaneum* (Herbst) in rice.
5. M.Sc. (Dairy Science) - Influence of animal environment on the microbial population and other parameters of the milk.

17. Two Practical Monographs for private circulation were published for students.

18. Books Published

1. Interactions of Arbuscular Mycorrhizae and Collar rot Disease of Groundnut., By NCBH Ltd., Chennai.
2. *Jatropha curcus* and Bio-Fuel Projects By NCBH Ltd., Chennai.

