



## BIO DATA OF Dr. M. SUNDARAMARI

1. Name : **Dr. M. SUNDARAMARI**
2. Designation and Office address : Reader in C.D. & Agricultural Extension  
Faculty of Agriculture & A. H.  
Gandhigram Rural University,  
Gandhigram 624 302, Dindigul Dt.  
Tamil Nadu, India.  
Ph: 0451-2452371 (Extn.2038)  
e-mail: [sundaramari@yahoo.co.in](mailto:sundaramari@yahoo.co.in)
- Residence : 27, Sekkilar Street Extension, Bibikulam,  
Madurai- 625 002, Tamil Nadu, India.  
Ph: 0452-2523370  
Cell: 94430-22787
3. Sex : Male
4. Date of birth : 15.07.1966
5. Qualification : M.Sc.(Ag.), and Ph.D. in Agriculture
6. Experience in present organization: 18 Years
7. Other Officiating Positions : i) Coordinator,  
Centre for Indigenous Knowledge in Agriculture  
Gandhigram Rural University
- ii) Principal Investigator, UGC-MRP on  
“Validation and Standardization of  
Indigenous Dryland Practices”
- ii) Co-Director (Training),  
Centre for Jatropha and Bio-fuels Promotion, GRU

## 8. Educational Qualifications:

Degree	University	Year of award	OGPA & Marks
Ph.D. in Agriculture	Gandhigram Rural University	2002	Highly Commended
M.Sc., (Agri) Agrl.Extn.	Tamil Nadu Agrl. University	1989	4.00/4.00 (90.00 %)
B.Sc., (Agri)	Tamil Nadu Agrl. University	1987	3.92/4.00 (88.60 %)

**9. Title of Ph.D. thesis** : Adoption and Perceived Effectiveness of Indigenous Agricultural Practices in Different Farming Systems

**10. Current areas of Research** : Indigenous Knowledge/Practices in Agriculture and Animal Husbandry, Communication and Extension Education studies, Sociology/ Psychology, Management studies, Rural Development, and Audio-visual aids.

## 11. Medals & Citations received

S.No.	Name of the Medal/ Prize	Performance	Awarded by	Year
1.	MASU Prize (Medal)	Highest marks in III B.Sc(Ag)	Agricultural College, Madurai	1987
2.	Sathiavan Gopala pillai Medal	Performance in B.Sc(Ag)	Tamil Nadu Agrl. Univ., Coimbatore	1986-1987
3.	Dr.C.V.Govindasamy Memorial prize	Performance in B.Sc(Ag)	Tamil Nadu Agrl. Univ., Coimbatore	1986-1987
4.	Sambamurthi prize	Highest marks in Agrl. Economics in B.Sc. (Ag)	MASU, Coimbatore	1986-1987
5.	C.Subramaniam prize	Highest marks in Plant pathology in B.Sc. (Ag)	MASU, Coimbatore	1986-1987

## 12. Seminars conducted as Seminar Director

Seminar Title	Sponsored by	Period	No. of Days
1. State Level Seminar on 'Indigenization of Indian Farming: Problems and Prospects'	UGC-Unassigned Grant through GRI (DU)	07.03.03-08.03.03	2
2. National Seminar on Recent Trends in Jatropha Production and Processing	UGC-Unassigned Grant through GRI (DU)	09.02.07-10.02.07	2

## 13. Seminar /workshop/symposium/ attended

a. International Level : Two

b. National Level : Ten

c. Regional Level : Nine

### d. Papers presented in various Seminars/Workshops/Symposia

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

Sl. No.	Title of the Paper	Presented at (Seminar/Workshop)
1.	Agricultural Progressiveness- An Indicator of Rural Devt.	Regional seminar on "Indicators of Rural Devt. at GRI, 10.03.95
2.	Role of New Panchayati Raj in Agricultural Development	Sub-regional workshop on " New Panchayati Raj & Prosperity Movement" GRI, 28.12.95
3.	Constraints in Tree culture	"National Seminar on Environment" at Periyar Maniammai College, Vallam, Tanjore, 18-20 Sep'97
4.	New Extension strategies for Sustainable Devt. of Rural Industries	Regional Seminar on "Extn. Strategies in Rural Industries & Managt." GRI,15.10.97
5.	Extension model for promoting Raisin Industry	-----do-----
6.	Effect of Azospirillum on growth & seed yield of bhendi	: National conference on "Frontiers in Bio-Fertilizers & Bio-Pesticides"
7.	Effect of Mycorrhizae and Azospirillum on germination & growth of tomato seedlings	: conducted by Yashwant Rao Chavan : College and Micro biologists' : society, Karad, Satara District,

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|---|--|
| 8. Efficacy of plant products as protectants against pulse beetle in greengram        | : Maharashtra, 28 & 29 Dec'97  |
| 9. PRA- An effective tool for assessment of training needs of clients                 | Seminar on "Globalising Indian Agriculture: Policies & Strategies for 21st Century" organised by IEF & TNVASU, Chennai 27-28 Dec.97. |
| 10. Indigenous knowledge for soil and water conservation in select studies - A review | Two day regional seminar on "Issues in soil and water conservation for Agricultural Development" at GRI, Gandhigram, 13-14 Nov'98    |
| 11. Effectiveness of Drip Irrigation- Farmers' perception                             | -----do-----   |
| 12. Correlates and Crucial characteristics for effective farm leadership              | XXII Indian Social Science Congress at GRI, Gandhigram, 13-18 Mar'99   |
| 13. Farmers' Technologies for grain and seed storage                                  | National seminar on "Peoples' Technology Democratic Social Organisations & R.D"  |
| 14. Performance evaluation of Gobar gas plants in Reddiarchatram block                | -----do-----   |
| 15. Challenging developments - approaches for endogenous devt.                        | Workshop on "Environmental issues" GRI, 27-28 April 2001.  |
| 16. Policy issues for Sustainable Joint Forest Management-GRI Experience              | Workshop on 'JFM & Watershed devt. TN Forest dept. 21-22, Jan, 2002  |
| 17. Indigenous Practices in Agro-Forestry   | Seminar on 'Agro-forestry, Rural systems & Prosperity to Nation, GRI, 6-7, Feb. 2002   |
| 18. Adoption of Indigenous Organic Practices for Pest & Disease Mangt.                | National Seminar on 'Market Oriented Agriculture' Annamalai Univ. 7-8Feb.2002  |
| 19. Adoption of Indigenous Organic Practices for Soil & Water Mangt.                  | -----do-----   |
| 20. Use of Cumulative Frequency Method in Rural Development research                  | National Seminar on 'Status, Trends and Supervision of Research in R.D.12.4.2002   |
| 21. Ecology and biological interactions of Arbuscular Mycorrhizae                     | Regional seminar on 'People, Plants and Future', GRI. 21-22 Feb, 2003.   |
| 22. Adoption of Indigenous Agricultural Practices on Storage Pest Control             | ----- do-----  |
| 23. Characteristic Features of  | State Level Seminar on 'Indigenization of  |

Indigenous Practices	Indian farming: Problems Prospects, GRI.
24. Time tested traditional intercropping	-----do-----
25. Indigenous way of Termite control in Coconut Plantation	-----do-----
26. Traditional Seed Storage and Treatment Methods	-----do-----
27. A study on indigenous practices and structures for storage of rice	International Seminar on “Downsizing Technology for Rural Development at RRL, Bhubaneswar, 07-09, Oct, 2003.
28. An Analysis of Indigenous Birds’ Scaring Techniques in Grape Vineyards	-----do-----
29. A study on the use of bio-inoculants on growth parameters of tomato	National Seminar on “Rural Bio-technology for Sustainable Development” GRI, 19-20, Feb’ 2004.
30. Indigenous Agricultural Practices in Blackgram cultivation	-----do-----
31. Influence of Lunar Rhythms in crop production	-----do-----
32. Conservation of Medicinal Plants-Importance and Strategies	National seminar on ‘Role of Universities in Intellectual Property Education, Research and Public Outreach, GRI, 06-07, Jan,2005.
33. Prospects and Marketing Potential of Medicinal Plants	
34. Rationality Analysis of IAPs in Different Cropping systems	National Seminar on ‘Recent Trends and Issues in the Evolution of Appropriate Technologies fro Integrated Rural Development’, GRI, 04-05, Mar, 2005
35. Adoption of IAPs for rat control in Different Cropping systems	
36. Prevalence, Distribution and Usage of Medicinal Plants in Dindigul dt.	
37. Processing Techniques of Avocado Fruits	
38. Analysis of some quality parameters of Milk from different sources of supply	
39. Folk Technologies for Water Purification	National Seminar on ‘Folk Knowledge of Water Management’, University of Calicut, CWRDM campus, 26-27, May 2005.
40. Farmers’ Participation in Irrigation Management- PRA Approach- A Case Study	
41. Indigenous Techniques for Water Purification	International Conference on ‘The Challenges and Strategies for the

Sustainability of Safe Drinking Water' at GRU, 25-27, October 2006.

42. Documentation and Assessment of Traditional Practices

Workshop on 'Validation of Traditional Practices- Methodology & Approach, CIKS, Sirkazhi, 4-5, November, 2006.

43. An Analysis on the Adoption of Indigenous Agricultural Practices on Manures and Manuring

↑ National Seminar on Extension Strategies for fostering Knowledge Centric Agricultural Growth, Society of Extension Education, TNAU at Pondicherry  
↓ 2-3, December, 2006.

44. A Study on the Adoption of Indigenous Agricultural Practices on Birds' Scaring

45. Bio-diesel in India- A Scenario  
46. Jatropha for Clean Development Mechanism (CDM)  
47. The Jatropha System  
48. Studies on the Influence of Bio-Inoculants on Jatropha Seedlings  
49. Jatropha Cake – Can it be an Animal Feed?  
50. Extension Strategies for the Promotion of Jatropha  
51. Effect of Bio-Inoculants on *Jatropha curcas L.* Seedlings

National Seminar on Recent Trends in Jatropha Production and Processing, Faculty of Agriculture & A. H., GRI, Gandhigram. 9-10, February, 2007.

52. Weather and Yield of Coconut Hybrids and its Parents

Science Day and Aqua-Terr Annual Conference School of Biological Science, MKU, 10.03.07

53. Validation of Indigenous Agricultural Practices- Gandhigram Experiences  
54. Studies on the Effect of Bio-Inoculants for Sustainable vegetable prodn.  
55. Effect of Micro-nutrient Fortified Compost on Fruit Crops  
56. Herbal Based Farming System for Sustainable Farm Income  
57. Evaluation of wound healing potency of *Tridax procumbens* Leaf Paste- A Clinical Study  
58. Ethno-veterinary Practices for Wound Healing in Livestock- A Survey

National Seminar on Organic Farming and Sustainable Agriculture for Food Security, Faculty of Agriculture & A. H. GRU, Gandhigram. 29.02.08-01.03.08

#### 14. Publications:


##### a. Books:

S.No.	Title of the Book	Publisher	Year
1.	Indigenous Agricultural Practices for Sustainable Farming ISBN:81-7754-176-5; pp.311.	Agrobios (India) Jodhpur	2003
2.	Agriculture and Dairying- A Rural Development Perspective ISBN:81-234-1049-2; pp.206	New Century Book House Ltd, Chennai	2006
3.	Indigenization of Indian Farming: Problems and Prospects	New Century Book House Ltd, Chennai	2008
4.	<i>Jatropha curcas</i> - An Alternative for Fossil Fuel	New Century Book House Ltd, Chennai	2008

##### b. Research Articles:

Authored and/or Co-authored the following research articles.

S.No.	Title of the article	Published in
1.	Role performance of Farm Leaders	Tamil Nadu journal of Extension Education Vol.2 No.2 1991
2.	Impact of Farmers' participation in TANCOF (In Tamil)	Valarum Velanmai, Vol.16 No.9 Sep'1990
3.	Rainfall based cropping systems - A success story	Rural Link, 1993-94
4.	Effect of pre-packaging on storage life of Carrot, Citrus and Chrysanthemum	Journal of Extension & Research GRI, Vol.1, No.1. Jan-Jun. 1998
5.	Studies on Refrigerated Storage of Vegetables	Journal of Extension & Research GRI, Vol. 1, No.2. Jan. 1999.
6.	Adoption behaviour of Irrigated Groundnut seed Growers	Journal of Extension Education TNAU, 10(3), 2471-2474, 1999.
7.	Rationality and Adoption of Indigenous Agricultural Practices on Rice Cultivation	Journal of Extension & Research GRI, 5(1): July, 2002.
8.	Biocontrol of cereal beetle <i>Tribolium castaneum</i> (Herbst.) in rice	Journal of Extension & Research GRI, 5(1): July, 2002.
9.	Effect of Arbuscular Mycorrhizae and Azospirillum on Tomato seedlings	Journal of Extension & Research GRI, 5(2): January, 2003.

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| 10. | Extension model for promoting Raisin Industry  | Extension Strategies in Rural Industries & Management (Ed.)  |
| 11. | New Extension strategies for Sustainable Development of Rural Industries   | N.Meenakshisundaram, Dept. of RIM, GRI(DU), 2002, pp:61-70, pp:71-73.  |
| 12. | Bio manures and Productivity of Indian Agriculture   | Journal of Extension & Research GRI, Vol.VI, No.1, Mar, 2004.  |
| 13. | Efficacy of Fenamidone 50SC and its Ready mix combinations against Downy Mildew of Grapevine.                              | Pestology, Vol.XXVIII, No.7, July, 2004, pp:18-20.   |
| 14. | Categorization and Analysis of Indigenous Agricultural Practices in Different Cropping Systems                             | Journal of Extension & Research GRI, Vol.VII, No.1&2, Jan, 2005 pp:17-20.  |
| 15. | Efficacy of Melody 50WG and its Ready mix combinations against Downy Mildew Disease and its economics in Grapevine.        | Pestology, Vol.XXIX, No.12, Dec, 2005, pp:29-32.   |
| 16. | Efficacy of Fenamidone 50SC and its Ready mix combinations against Downy Mildew Disease and its economics in Grapevine-II. | Pestology, Vol.XXIX, No.12, Dec, 2005, pp:37-39.   |
| 17. | Methodology to measure the Perceived Effectiveness of Indigenous Agricultural Practices                                    | Journal of Extension Education, TNAU, 15(4), Oct-Dec, 2004.  |
| 18. | Rationality and Adoption of Indigenous Agrl. Practices on Coffee Cultivation   | Accepted for publication in J. of Extension Education, TNAU.   |
| 19. | Indigenous Grain Storage Structures of South Tamil Nadu, India   | Accepted for publication in Compas Magazine, Netherlands.  |
| 20. | Rationality Analysis of IAPs in Different Cropping systems   |  <p>Proceedings of the National Seminar on 'Recent Trends in the Evolution of Appropriate Technologies for Integrated Rural Development' (Ed.)<br/>Dr. R. Udhayakumar, Faculty of Agriculture &amp; A.H., GRI(DU), March, 2005.</p> |
| 21. | Adoption of IAPs for rat control in Different Cropping systems   |  |
| 22. | Prevalence, Distribution and Usage of Medicinal Plants in Dindigul dt.   |  |
| 23. | Processing Techniques of Avocado Fruits  |  |
| 24. | Analysis of some quality parameters of Milk from different sources of supply   |  |
| 25. | Conservation of Medicinal Plants-Importance and Strategies   | 'Role of Universities in Promotion of Intellectual Property' (Ed.) K.Raja mohan rao  |
| 26. | Prospects and Marketing Potential  |  |

	of Medicinal Plants	Serilas Publiactions, New Delhi, 2006
27.	Scouting, Documentation and Classification of Indigenous Knowledge- Theory, concept, Methodology and Paradigm	Sustainable Agricultural Practices (Ed.) Dr. T.T. Ranganathan <i>et.al.</i> , ETC Compas Publication, The Netherlands, 2007.
28.	Characteristic features of Indigenous Agricultural Practices	} Indigenization of Indian Farming: Problems and Prospects (Ed.) M. Sundaramari, New Century Book House Ltd, Chennai, 2008.
29.	Time tested traditional intercropping	
30.	Traditional Seed Storage Methods and their Influence on Germination and Longevity of Seed	

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**c. Popular Articles:**

Authored and/or Co-authored the following popular articles.

S.No.	Title of the article	Published in
1.	Summer Ploughing- need of the hour	Indian Express dt. 11.4.1992
2.	Castor- a crop for all cropping systems	Indian Express dt. 18.4.1992
3.	Success with Sunflower under rain fed conditions.	Indian Express dt. 15.8.1992
4.	Growing cane in acid soils and drought	The Hindu dt. 23.9.1992
5.	Minor millets- the unexplored cereals	Indian Express dt. 26.9.1992
6.	Grain smut- a threat to Irungu Cholam Cultivation	Indian Express dt. 29.9.1992
7.	Drip Irrigation- A gift to Coconut	Er Ulavan dt. 23.1. 1993
8.	Grow more Kapok	Kisan World, May' 1993
9.	Sow the seeds by Seed drill (A song in Tamil)	Valarum Velanmai, Aug' 1993
10.	Benefits of Drumstick (In Tamil)	Ariga Ariviyal, Dec' 1997
11.	Respecting boundaries in an inter connected world (Translation article in Tamil)	Nam Vazhi Velanmai, Vol.6, No.3, Oct-Dec' 1997
12.	Indigenous Cotton Stripper (In Tamil)	-----do-----

13.	Washing away whiteflies with a rain gun-saga of a sprinkler designer (In Tamil)	Nam Vazhi Velanmai, Vol.6, No.4, Jan-Mar' 1998
14.	Dragonflies in rice fields: Pioneering Pak Oyo (In Tamil)	Nam Vazhi Velanmai, Vol.7, No.4, Jan-Mar' 1999
15.	Indigenous Technologies of West Bengal	-----do-----
16.	Indigenous Technologies of Other States (Translation Article in Tamil)	Nam Vazhi Velanmai, Vol.8, No.4, Jan-Mar' 2000
17.	Reorganization of Visit component of State Agricultural Extension Service At Grass root Level	Accepted for publication in LEISA- INDIA
18.	Indigenous Knowledge- A Lead Light to Sustainable Agriculture	An Anthology of IK Published by FRSD, Madurai, 2003.
19.	Socio-Psychological Climate Among the SHG Members	Technical Guide for the SHG Trainees, F. Ag. & A.H., 2003
20.	Role of VFCs in Joint Forest Management	VFC Members of JFM, TAP, Govt. of Tamil Nadu, 2004.
21.	Indigenous Technologies for Rainfed Farming	Technical Guide for the Trainees IWDP of Cuddalore district, 2005

**d. Booklets, Monographs, Manuals authored/compiled (Private circulation only)**

S.No.	Title of the Manual	Month & Year
1.	Rural Development programmes of India (In Tamil)	October'1991
2.	A Practical Manual on Audio-Visual Aids (In Tamil)	April'1992
3.	A Hand book on extension methods and Audio-Visual Aids	August'1992
4.	Booklet on "Strategies of Human Resource Management" at NAARM, Hyderabad	November'1995
5.	Monograph on "Agricultural Extension"	July, 2002
6.	Monograph on "Management communication"	July, 2002
7.	Monograph on "Extension Methods & A. V. Aids"	December, 2002
8.	Monograph on "Rural Development"	July'2003

9. Monograph on “A.H. for Rural Development” July’2005
10. Monograph on “Dairy Extension” December, 2005
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**e. E-content Documents:**

Directed and Produced the E-learning materials in the form of CDs

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S. No.	Title of the CD Document	Month & Year
1.	Clean Milk Production (Released by CTO, KVK, GRU in Agro-Fest on 11.04.08)	April, 2008
2.	Paneer Production (Released by Chairman, IAC, GRU in Agro-Fest on 11.04.08)	April, 2008

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**15. Projects undertaken:**

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

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**16. Research Supervision:**

- a. Ph.D. (Agriculture)** : Five (Guiding)
- EVM practices for Wound Healing in Livestock
  - Indigenous Practices on Horticultural crops of Kerala
  - Indigenous Agricultural Practices in Tribal Areas
  - Indigenous Dry Land Practices
  - Farmers’ Participatory Planning in Kerala

- b. P. G. level** : Four (Awarded)

**17. Examinership**

- Serving as an **External Examiner** on the invitation of Commissioner of Agriculture, Government of Tamil Nadu for the students of Diploma in Agriculture course of the Al-Ameen Institute of Agriculture, Kadayanallur from **1992 to till date**
- Serving as a **Question Setter and Examiner** for Kerala Agricultural Univeristy.
- Serving as an **External Examiner** for Annamalai University, Chidamabaram.
- Serving as an **External Examiner** for University of Agricultural Sciences,Dharwad

### 18. Radio Talks

Delivered a radio talk on “Kodai Uzhavu tharum kodai” (Gift of Summer Ploughing) on All India Radio, Madurai on 17.04.1995.

Delivered a radio talk on “Thavara Poochi, Noi kolligalum, Avatrin Nanmaigalum” (Bio-pesticides and their benefits) on All India Radio, Madurai on 11.09.2005.

### 19. Membership in societies

S.No.	Kind of Membership	Name of the Society	From
1.	Life Member	Society of Extension Education TNAU Campus, Coimbatore	20.3.1997
2.	Fellow	Indian Academy of social Sciences, Allahabad.	16.2.1999

### 20. Membership in Committees, Boards etc.

1. Member in the Academic Council of GRI (DU) from May, 2004.
2. Member in the Board of Studies in Agriculture from 1991.
3. Member in the University level Committee constituted to prepare the technical and financial proposals submitted on 22.01.1996 to the Ministry of Environment and Forestry, Government of India for Development of Environmental Education Programme under the project titled “Project Facility for India Eco-Development Project” funded by the World Bank.
4. Member in the Editorial Board of the Quarterly Journal **Nam Vazhi Velanmai** published by SEVA, Madurai from Oct-Dec’ 97 issue to till date.
5. Member and Organizing Secretary in the organizing committee of National Seminar on “Peoples’ Technology, Democratic social Organizations, Rural Development during 15-18 March, 1999.
6. Co-Coordinator for the COMPAS Programme on “Orientation and Training Programme on Indigenous Farming” to Students, Farmers, NGOs and Extension Workers from January 2005 to December 2006 at the cost of Euro 13230 (Rs. 7,40,880/-) supported by ETC Foundation- COMPAS, The Netherlands.
7. Co-Director for the UGC sponsored “Centre for Jatropha and Bio- Fuels Promotion at F.Ag.A.H., GRI established at an outlay of Rs. 88 Lakhs supported by UGC, New Delhi.
8. Coordinator, Centre for Indigenous Knowledge in Agriculture, Faculty of Agriculture & Animal Husbandry, Gandhigram Rural University
9. Principal Investigator for the UGC- Major Research Project on “Validation and Standardization of Indigenous Dryland Practices” at an outlay of Rs. 4,05,900/- From 01.04.2007 to 31.03.2009.

10. Member in the Library Committee of Gandhigram Rural University from 21.01.08 to 29.03.09.

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**21. Guest Lectures Delivered** : Twenty six

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