

CURRICULUM VITAE



Dr.R.UDHAYAKUMAR
Dean
Faculty of Agriculture & A.H.
Gandhigram Rural Institute-DU
Gandhigram

1. **Present Position** : Dean, Faculty of Agri & AH,
Gandhigram Rural Institute
Deemed University, Gandhigram
2. **Educational Qualification** : M.E (Ag.) , Ph.D
3. **Special training undergone** :
 - i) Irrigation Water Management
 - ii) In situ conservation of
Agricultural Biodiversity and
establishment of community seed
banks
 - iii) Watershed Management
 - iv) Participatory Rural Appraisal
 - v) Agro Food Processing, Product
Development and Marketing
 - vi) Rural Housing – Cost effective
building technology
 - vii) Integrated micro plan for NGOs
 - viii) Farm Mechanization

4. Teaching & Research Experience

: UG- 28 years
PG- 19 years, Research – 19 years

**5. New courses/ Programme Evolved/
Organized**

- :i) B.Sc (Sustainable Technology Management)- 6 semester Degree Programme
- ii) Maintenance of Form Power & Equipment – 2 semester, Certificate Programme
- iii) P.G. Diploma in Seed Production Technology- 2 semester- Post Graduate Programme

6. Laboratories/ Department Established

i) Rural Technology Centre

- :
- Model Houses suitable for LIG.
 - Cost Effective Technology Park
 - Hollow Block Production Unit
 - Mud Block Production unit
 - MCR Tile Production Unit
 - Ferro Cement Component Production Unit
 - Strength of Material Lab
 - Fruit & Vegetable Processing Unit
 - Established Renewable Energy Park

ii) Faculty of Agriculture & AH

- :
- Establishment of 'B' Class Meteorology Observatory Water Conservation Structures.
 - Established Sprinkler unit for

- Fodder cultivation online Drip systems for coconut, Lime, Mango, Sapota, and Jack Fruit
- Inline drip system for vegetables
- Water measuring devices established
- Mist chamber established
- Established automobile lab, farm machinery lab, pumping and plant protection lab.
- Established UG lab and PG lab
- Established Bio-fuel processing unit
- Established Fuel testing lab

7. Involvement in Institute Development

- : **Acted as Estate Office (1984-86)**
- Director for Rural Technology Centre (1988-2004)
- Member in Rural Energy Centre 2000 onwards
- Co-Director for Centre for Jatropha & Biofuel Promotion – 2007 onwards
- Co-Director for Centre for Indigenous Knowledge in sustainable Agriculture – 2008 onwards
- Director for Climate Change – 2009 onwards
- Dean, Faculty of Agri & AH-

2006 onwards

- Syndicate Member 2008 onwards
- Finance Committee Member –
2008 onwards
- Academic Council Member –
1996 onwards

8. Research Guidance

- PG Diploma in Biogas and
Renewable Energy- 12
- PG Diploma in Seed Production
Technology- 4 Dissertation
- M.Phil in Micro level Planning– 2
- Ph.D Thesis Awarded - 6
Submitted – 1
Ongoing – 4
- B.Sc (STM) – 5

9. Research Project Undertaken

a. On going projects

1. Monitoring and Documentation of Rashtriya Sam Vikas Yojana Scheme of Dindigul District funded by Union Planning Commission, New Delhi – Technical Consultant
2. Preparation of Five year Perspective Plan for Dindigul District in the context of National Rural Employment Guarantee scheme – Study Team Leader
3. Orientation and Training Programme on Indigenous Farming, Funded by ETC Foundation, The Netherlands – Programme Committee Member
4. UGC Sponsored Carrier Oriented Programme on Certificate course on Maintenance and Servicing of Farm Equipments – Coordinator
5. Centre for Jatropha and promotion of Bio fuels as Co Director

b. Completed Projects

1. Participatory Rural Appraisal, Planning and Action for Agricultural Development

Project – Team Member

Funding Agency : The Ford Foundation, New Delhi

Project Expenditure : Rs. 50.21 lakhs

Duration of the Project : June 1994 – December 2002

Project implementation area : Dindigul District

Area covered : 65 villages

2. Wastelands Development Project – Team Member

Funding Agency : National Wasteland Development Board,
Ministry of Environment and Forests,
Government of India, New Delhi

Project expenditure : Rs.14.42 lakhs

Duration of the project : April 1993 - March 1996

Project implementation area : Dindigul District

Area covered : 825 acres

3. Introduction of B.Sc., degree programme in Sustainable Technology Management – funded by National Council of Rural Institute, Hyderabad – Coordinator

Funding Agency : National Institute of Rural Development,
Hyderabad

Project expenditure : Rs.58.86 lakhs

Duration of the project : January 2001 – December 2003

Project implementation area : Gandhigram Rural Institute4. HUDCO Sponsored Gandhigram Kattida Maiyam Project received the following grants for its development

- | | | |
|---------------------------------|---|------------------|
| 1. Indo-German fund through KfW | - | Rs. 10.400 lakhs |
| 2. GOI | - | Rs. 3.500 lakhs |
| 3. Nirmathi Vahini | - | Rs. 13.125 lakhs |

10. List of Publications :

Particulars	From	To	No. of Days
A. National level			
1. 13 th National convention of Agricultural Engineers on Role of Agricultural Engineers in Nation Building Activities in the 21 st Century organized by Agricultural Engineering College and Research Institute, TNAU, Coimbatore	23.10.98	24.10.98	2
2. National seminar on Engineering Applications in Rural Development sponsored by UGC and organized by Centre for Rural Development, Annamalai University, Chidambaram	09.02.01	10.02.01	2
3. NIRD Foundation Day seminar on Rural Technology for Poverty Alleviation at NIRD, Hyderabad	02.01.02	03.01.02	2
4. National workshop on Rural Higher Education towards Sustainable Village Development and Gram Swaraj at Chennai	21.06.02	22.06.02	2

5. National symposium on Energy Management for Sustainable Rural Development under the auspices of 40 th Annual convention of Indian Society of Agricultural Engineers organized by Agricultural Engineering College and Research Institute, TNAU, Coimbatore	19.01.06	21.01.06	3
B. State level			
1. Seminar on Soil and Water conservation organized by REAL – FACT at Vedesendur – As Resource Person	22.10.98		1
2. Workshop on innovative income generation activities under SGSY at Erode – Resource person Organized by DRDA, Erode	18.02.01		1
3. Workshop on Cost Effective Construction organized by Madurai Centre of the Association of Consulting Civil Engineering (India), Madurai	21.5.02		1
4. State level conference on Water Management : Resources, Pollution and Effect on health as Resource person sponsored by UGC and Organized by St. John's College, Palayankottai	08.08.02	09.08.02	2
5. Workshop on Self groups and poverty alleviation Sponsored by CAPART organized by Dept. of Rural Development	28.10.02	30.1.02	3
6. Seminar on Entrepreneurship Development programme organized by CED, GRI.	15.02.03	16.02.03	2
7. State Level Seminar on 'Indigenization of Indian Farming : Problems and Prospects' at GRI, Gandhigram	07.03.03	08.03.03	2
8. State level workshop on Renewable Energy for sustainable development at GRI, Gandhigram	15.03.03	16.03.03	2
9. Seminar on Agriculture and Business at GRI, Gandhigram	08.06.03		1

10. Regional seminar on Post Harvest Technologies for Rural Development at GRI, Gandhigram	12.03.04	14.03.04	3
11. State level Technical symposium on Energy Efficient Architecture organized by Mohammed Sathak School of Architecture at Kilakottai – As Resource Person	29.08.04	30.08.04	2
12. Workshop on Tamil Nadu Rural Employment Guarantee Act – Monitoring organized by SIRD at Maraimalainagar, Chennai	09.05.06	10.05.06	2
13. State level workshop on Renewable Energy for Sustainable Development at GRI.	15.03.03	16.03.03	2

a. Books

S.No.	Title of the Book	Publisher	Month & Year
1	Improved Bullock drawn Seed drill	ABC Publishers, Dindigul	March 2006
2	Proceedings of the National Seminar on Recent Trends and Issues in the Evolution of Appropriate Technologies for Integrated Rural Development	GRI Publications	March 2005
3	Hand book on Cost Effective Building Technology	GRI Publications	March 2004
4	Shelter for all – GKM activities Report	GRI Publications	August 2003

b. Research Articles published in Journals

Sl.No.	Title of the article	Published in
1	Alternative Building material for Rural housing using industrial was materials.	Journal of Rural Technology. Vol.I, No.6, January 2005 : 254-260.
2	“Development of Mathematical Model to Assess Post Harvest Grain Losses in Rice Combine Harvester”	Proceedings of the International seminar on Emerging Technologies in Agricultural and Food Engineering” on 14-17 Dec, 2004 at IIT, Kharagpur, P.No:
3	Studies on some physical properties of WCT coconut relevant to the design of processing equipment.	Journal of plantation crops. 32 (Suppli), Dec. 2004 : 406-412.

4	Shelter for all through cost effective Building Technologies	Published by UN-HABITAT, Compendium of Articles under the auspices of World Habitat Day – Oct 04,2004 with a theme on Cities : Engineers for Rural Development P.No.56-60.
5	A Study on Indigenous Practices and Structures for storage of Rice.	Proceedings of the International Seminar on Downsizing Technology for Rural Development ISDTRD – Oct. 2003 held at RRL, Bhubaneswar Vol.II P.No.616 – 620
6	An analysis of Indigenous Birds' Scaring Techniques in Grape Vineyards.	Proceedings of the International Seminar on Downsizing Technology for Rural Development ISDTRD – Oct. 2003. held at RRL, Bhubaneswar Vol.I, P.No.316 – 320
7	Performance Evaluation of a Combine Harvester in Paddy field.	Proceedings of the International Seminar on Downsizing Technology for Rural Development ISDTRD – Oct. 2003. held at RRL, Bhubaneswar Vol. 1, P.No. 9 -1 5.
8	Development and Evaluation of a Prototype Tamarind Defibrating Machine	Proceedings of National level seminar on “Rural Technology of Poverty Alleviation” at NIRD, Hyderabad, 2003, P.No: 217-224.
9	Performance evaluation of a Escort make rice combine harvester.	Journal of Extension and Research. Vol V. No.2 : Jan. 2003.
10	Tamarind defibrating in traditional and mechanical methods – A comparative study.	Journal of extension and Research. Vo. IV, No. 1 and 2, Jan. 2002 : 125-129.
11	Comparison of Traditional and mechanical processing of tamarind fruit	Current Research Vol.4 (1), 2002, 125 – 130.
12	Knowledge and adoption of improved farm implements – A case study.	Journal of Extension and Research. Vol III, No. 1 and 2, Jan. 2001 : 114-116.
13	Development of a tamarind defibrating machine.	Journal of Extension and Research Vol. III No.142, Jan. 2001 : 101-102.
14	Studies on Refrigerated storage of	Journal of Extension and

	vegetables.	Research. Vol.I, No.2, Jan.99, 150-154.
15	Development and Field evaluation of an improved groundnut stripper.	Journal of Extension and Research, Vol.I, No.2, Jan 99, 55-64.

c. Papers Presented in Seminars / Symposium / Conferences

Sl.No.	Title of the Paper	Presented at (Seminar/Workshop /Conference)
1	Manufacture of post harvest equipment as a viable rural industry	Regional seminar on Extension strategies in Rural Industries & Management Sponsored by UGC and organized by Dept. of RIM on 15.10.1997
2	Effectiveness of drip irrigation systems – Farmers perception	Regional seminar cum Workshop on Issues in Water Conservation for Agricultural Development sponsored by UGC and organized by Faculty of Agriculture and AH during 13-14 November 1998
3	Development and Evaluation of Energy saving Machinery for sowing rainfed groundnut.	XXII Indian Social Science Congress in Agricultural Section held on 13-18 March 1999 at GRI. Gandhigram
4	<ul style="list-style-type: none"> a. Field evaluation of manually operated paddy threshing aid b. Development and evaluation of improved bullock drawn seed planter for rain fed groundnut c. On farm evaluation of paddy post harvesting losses d. Appropriate building systems help to improve village economy e. Study in different types of containers for storing sorghum 	National seminar on Engineering applications in Rural Development held on 09-10 February 2001 sponsored by UGC and organized by Centre for Rural Development, Annamalai University, Annamalai Nagar
5	Development and Evaluation of a Proto type Tamarind Defibring Machine	NIRD Foundation Day Seminar on Rural Technology for Poverty Alleviation held on 02-03 January 2002atNIRD,Hyderabad
6	Comparative evaluation of Tamarind	XXXVI ISAE Annual Convention

	Defibring Process.	and Symposium held at IIT, Kharagpur on Jan 28-30, 2002. P.No: 121.
7	Causes, Sources of contamination and remedial measures for Ground Water Pollution.	International Groundwater Conference in Dindigul, on February 20-22, 2002. P.No: 60
8	Adoption of indigenous organic practices for soil and water management in different farming systems	National seminar on Market oriented agriculture organized by Dept. of Agricultural Extension, Faculty of Agriculture, Annamalai University, Annamalai Nagar during 07-08 February 2002.
9	<ul style="list-style-type: none"> a. Indigenous practices for harvesting of paddy b. Mechanization over indigenous practices in paddy c. Studies on indigenous farming practices 	Seminar on Indigenization of Indian Farming : Problems and Prospects at GRI. Gandhigram during 07-08 March 2003 sponsored by UGC, New Delhi organized by Faculty of Agriculture and AH
10	<ul style="list-style-type: none"> a. Energy efficient building materials b. Design and development of energy cum labour saving seeding machinery for rain fed groundnut c. Contribution of renewable energy technologies in agriculture production is the need of the hour 	State level workshop on Renewable Energy for Sustainable Development at GRI during 15-16 March 2003 sponsored by UGC, New Delhi and Cosponsored by TEDA, Chennai organized by Rural Energy Centre, GRI.
11	<ul style="list-style-type: none"> a. Studies on processing of Avocado Fruits b. Development and evaluation of post harvest machineries for different crops c. Income generation and employment opportunities for rural women in Food Processing Technologies 	Regional seminar on Post Harvest Technologies for Rural Development at GRI, Gandhigram during 12-14 March 2004 sponsored by UGC, New Delhi organized by Dept. of Home Science, GRI.
12	<ul style="list-style-type: none"> a. Technologies for Rice harvesting b. Maneuver of liquid nitrogen – freezing, drying and grinding c. Processing techniques of Avacado fruits d. Copra processing practices adopted and constraints experienced by 	National Seminar on Recent Trends and Issues in the Evolution of Appropriate Technologies for Integrated Rural Development held during 04-05 March 2005 sponsored by UGC, New Delhi, Co Sponsored

	<p>farmers in Kerala</p> <p>e. Analysis of some quality parameters of milk obtained from different sources of supply</p> <p>f. Documentation of medicinal plants towards sustainable agriculture</p> <p>g. Study of the effect of mortar proportion on the strength of stabilized mud block masonry</p> <p>h. Study on properties of stabilized soil blocks by using industrial waste materials</p> <p>i. GKM Model houses built by using cost effective technologies – A case study</p>	by NIRD , Hyderabad
13.	Mechanization of Sugarcane planting present status and future needs	40 th Annual convention of ISAE and National Symposium on Energy Management for sustainable rural development held at AEC & RI, TNAU, Coimbatore. 19 – 21 Jan.2006
14.	IT Interventions in Sugarcane mechanization and management	Nineteenth National Convention of Agricultural Engineers and National Seminar on Role of Information Technology in Hi-Tech Agriculture and Horticulture held at Institution of Engineers, Karnataka State Centre, Bangalore, Jan.27-28 2006, P.No:69-85

d. Technical manuals prepared in the following subjects

1. Drip irrigation – Design, installation, operation and maintenance
2. Plastic mulching
- 3 Greenhouse – Scope, Structural details and economics
4. Rural development manual
5. Technology for Rural Development - Course material for Master of Rural Management under Distance education programme, Annamalai University, Annamalai Nagar

e. Practical manuals prepared in the following subjects

1. Soil and water conservation
2. Irrigation water management
3. Drainage
4. Farm Power and Machinery
5. Watershed Management
6. Manufacturing process
7. Two wheeler and four wheeler mechanism
8. Dairy Machinery

f. Training manuals

1. Participatory watershed management for NGOs
2. In-situ conservation measures in watershed areas
3. Watershed Management in rainfed areas
4. Indigenous practices in post harvest technology
5. Cost effective Building Technology
6. Fruit and Vegetable Preservation Techniques

g. Handouts (Tamil)

- Land and Water Management in Rainfed Areas
- In-situ Soil Conservation practices in Watershed areas
- Improving Ground Water table by constructing percolation pond
- Benefits of Farm Pond
- Erosion control through vegetation
- Post harvesting machineries

11. Short term Courses/ Symposium/ Conference attended :

a. Training programmes attended

Particulars	Period		No. of Days
	From	To	
a) Orientation Course 1.	-	-	-
b) Refresher Course 1.	-	-	-
c) Summer Institute 1.	-	-	-

d) Training Programme / Short term courses attended (Pl. specify the name of the course with sponsoring agency)			
1. International training course on In-situ conservation of Agricultural Biodiversity and Establishment of Community Seed Banks organized by the Research Foundation for Science Technology Ecology and Navdanya at Forest Research Institute campus, Dehra Dun	20.10.97	25.10.97	6
2. Training course on Capacity Building for Project Managers of Building Centres organized by Human Settlement Management Institute at New Delhi	04.01.99	15.01.99	12
3. Course on Integrated Choices towards a Sustainable Future at Auroville, Pondicherry	02.10.2000	07.10.2000	6
4. Training programme on preparation of Integrated micro plan for NGOs sponsored by CAPART Organized by Dept. of Extension Education, GRI.	28.10.02	30.10.02	3
5. Training cum workshop on Building Centre support programme of KfW, Germany, organized by SUM Consultant, Germany at Bangalore	16.06.03	17.06.03	2
6. Training programme on Rural Housing Project Formulation organized by Human Settlement Management Institute (Research and Training wing of HUDCO), New Delhi at Mysore	01.12.2003	05.12.2003	5
7. Short term training course on Agro Food Processing, Product development and Marketing organized by NIRD, Hyderabad	28.11.05	03.12.05	6

12. Short term Courses/ Symposium/ Conference organized :

Sl. No.	Title	Date	Sponsored	Beneficiaries	Nos.
1	Regional Seminar on Use	16-18	University	University and	50

	of Plastics in Agriculture organized by Faculty of Agriculture and AH, GRI.	Mar. 1998	Grants Commission, New Delhi	College Teachers, NGOs and Progressive farmers	
2	Regional Seminar cum Workshop on Issues in Water Conservation for Agricultural Development	12-14 Nov. 1998	University Grants Commission, New Delhi	University and College Teachers	50
3	National Seminar on People's Technology, Democratic Social Organization and Rural Development under the auspices of XXII Indian Social Science Congress organized by Rural Technology Centre, GRI.	13-18 Mar. 1999	Indian Social Science Academy	University and College Teachers and NGOs	50
4	National Seminar on Recent Trends and Issues in the Evolution of Appropriate Technologies for Integrated Rural Development organized by Faculty of Agriculture and AH, GRI.	04-05 Mar. 2005	University Grants Commission, New Delhi and Co Sponsored by NIRD, Hyderabad	University, College Teachers, NGOs and Entrepreneurs	50

c. Training programmes conducted as Coordinator

Sl. No.	Title	Date	Sponsored by	Beneficiaries	No.
1	Cost effective building technologies for master masons and project supervisors of building centres at GKM, GRI.	06-20 Feb. 1999	Habitat Polytech, New Delhi	Supervisors and Masons from different building centres of Tamil Nadu	25
2	Cost effective building technologies for master masons and project supervisors of building centres at GKM, GRI.	19.01.2000 to 02.02.2000	Habitat Polytech, New Delhi	Supervisors and Masons from different building centres of Tamil Nadu	25
3	Mason Training on cost	16-17	DRDA, Madurai	Supervisors	25

	effective building technology at GKM, GRI.	Sep. 2000 23-24 Sep. 2000		and Masons from Madurai building centres - do -	25
4	Leadership Training for Adi Dravidar Youth in Dindigul District at RTC, GRI.	06-10 Mar. 2001	THADCO, Dindigul	Rural youth	50
5	Mason Training on cost effective building technology at GKM, GRI.	17-31 Jun. 2002	HUDCO, New Delhi	Supervisors and Masons from different building centres of TN	25
6	Mason Training on cost effective building technology at GKM, GRI.	26-30 Mar. 2003	CAPART, Hyderabad	Supervisors and Masons from different building centres of TN	32
7	Exhibition cum awareness training programme on cost effective building technology at Nagerkoil organized by GKM, GRI	06-07 Sep. 2003	HUDCO, Chennai and DRDA, Nagerkoil	Public	1000
8	Training cum awareness programme on cost effective building technology at Nagerkoil organized by GKM, GRI	08-09 Sep. 2003	DRDA, Nagerkoil	Masons from eight villages in an around Nagerkoil	200
9	Training cum awareness programme on cost effective building technology and organized by GKM, GRI	16.10.03	DRDA, Nagerkoil	Officials from DRDA, Chennai and DRDA, Nagerkoil	30
10	Workshop on innovative housing models at GKM, GRI.	07-08 Jan. 2004	CAPART, Hyderabad	NGOs	50
11	Training cum awareness programme on cost effective building	23.01.04	Gandhigram Kattida Maiyam, GRI.	Officials belong to IIT Alluimini,	30

	technology at GKM,GRI.			Chennai	
12	Mason Training on cost effective building technology at GKM, GRI.	29-03-04 to 02-04-04	DRDA, Cuddalore	Supervisors, Masons and SHGS from Cuddalore	20
13.	Mason Training on cost effective building technology at GKM, GRI.	05-04-04 to 09-04-04	DRDA, Trichy	Supervisors, Masons and SHGs from Trichy	20
14.	Mason Training on cost effective building technology at GKM, GRI.	26-04-04 to 30-04-04	DRDA, Madurai	Supervisors , Masons and SHGs from Madurai	14
15.	Mason Training on cost effective building technology at GKM, GRI.	03-05-04 to 07-05-04	DRDA, Sivagangai	Supervisors Masons and SHGs from Sivagangai	26
16.	Mason Training on cost effective building technology at GKM, GRI.	17-05-04 to 21-05-04	DRDA, Dindigul	Supervisors, Masons and SHGs from Dindigul	24
17.	Mason Training on cost effective building technology at GKM,GRI	24-05-04 to 28-05-04	DRDA, Karur	Supervisors, Masons&SHGs from Karur	16
18.	Mason Training on cost effective building technology at GKM, GRI.	07-06-04 to 11-06-04	DRDA, Pudukkottai	Supervisors, Masons and SHGs from Pudukkottai	15
19.	Mason Training on cost effective building technology at GKM, GRI.	14-06-04 to 18-06-04	DRDA, Theni	Supervisors, Masons and SHGs from Theni	14
20.	Mason Training on cost effective building technology at GKM, GRI.	21-06-04 to 25-06-04	DRDA, Virudhunagar	Supervisors, Masons and SHGs from Virudhunagar	19
21.	Mason Training on cost effective building technology at GKM, GRI.	26-07-04 to 30-07-04	DRDA, Kancheepuram	Supervisors, Masons and SHGs from Kancheepuram	19
22.	Mason Training on cost effective building technology at GKM,	02-08-04 to 06-08-04	DRDA, Thiruvallur	Supervisors, Masons and SHGs from	20

	GRI.			Thiruvallur	
23.	Mason Training on cost effective building technology at GKM, GRI.	09-08-04 to 13-08-04	DRDA, Vilupuram	Supervisors, Masons and SHGs from Vilupuram	22
24.	Mason Training on cost effective building technology at GKM, GRI.	23-08-04 to 27-08-04	DRDA, Salem	Supervisors, Masons and SHGs from Salem	16
25.	Training programme on Fruit and Vegetable preservation at RTC, GRI.	06-11 May 2004	DRDA, Dindigul	Self Help Groups from Dindigul	26

13. Membership in Scientific Bodies/ Association :

1. Member in Calendar and Prospectus Committee (2006 – till date)
2. Member for Disciplinary Committee (2006 – till date)
3. NSS Programme Officer (2004-2006)
4. Member, Rural Energy Centre (1999 – till date)
5. Advisory Committee for National Service Scheme (1998 – till date)
6. Executive Member, Centre for Entrepreneurship Development, GRI (1998 – till date)
7. Executive Member, District Rural Development Agency, Dindigul (1998 – 2004)
8. Committee Member, SGSY Dindigul District level (1998-2004)
9. Member, GRI Sports and Tournament Committee (1998-2004)
10. Secretary Gandhigram Kattida Maiyam (1998- 2004)
11. Advisory Committee member for Department of Adult Continuing Education and Extension (1998-2001)
12. Steering Committee member for hunger free area programme – A joint programme of MSSRF, Chennai and GRI (1998-2000)

13. Committee Member for Employment Generation Training Scheme for SC / ST / OBC students of GRI since 2000.

MEMBERSHIP IN VARIOUS COMMITTEES

1. Member, Board of studies in Agriculture since 1982
2. Member, Board of studies in Rural Technology Centre since 1998
3. Member, Academic Council in GRI since 1997
4. Member, NSS Advisory Committee since 1998
5. Executive Member, DRDA, Dindigul, 1998 to 2004
6. Committee Member, SGSY, Dindigul District, 1998-2004
7. Advisory Committee Member, Community Polytechnic scheme, Sri Rama Krishna Mission Vidyalaya, Coimbatore, 1998-2004
8. Steering Committee Member for Hunger Free Area Programme (Joint Project of GRI & MSSRF, Chennai) – 1998 – 2000
9. Committee Member, Gandhigram Common News Bulletin, 2005
10. Facilitator cum Evaluator for CAPART, New Delhi, 2002-2005
11. Technical Consultant, Monitoring and Documentation of RSVY scheme of Dindigul District, since 2004
12. Study Team Leader, Preparation of five year perspective plan for Dindigul District in the context of NREGS since 2006.

OTHER RESPONSIBILITIES

- Served as NSS Programme officer, 2004-2006
- Served as Secretary, Gandhigram Kattida Maiyam, 1998-2004
- Served as Chief Superintendent for conducting GRI even semester examination, April-May 2000
- Served as Estate Officer, 1983-1985.

14. Resource person (Inaugural address/ Guest lecture/ Chairman) :

Programme

Activity

ICAR Lab to land

- Conducted training to the farmers in the field of construction of smokeless chula.
- Soil and Water Conservation measures.
- Plant protection machinery, its repair and maintenance.
- Pumping machinery, its repair and maintenance.
- Labour saving bullock drawn implements.

**Joint Forest Management –
Tamil Nadu Afforestation Project**

- Conducted training to the planting farmer in the field of
 - Institute soil conservation measures
 - Importance of summer Ploughing, land leveling and bunding
 - Suitable soil conservation measures according to the slope.
- Construction of farm pond.

Women's Mela

- Conducted training to the women folk in the field of
 - Simple and low cost grain storage methods.
 - Importance of smokeless chula.
 - Biogas plant – its application and maintenance.
 - Improved sickles.
 - Compost preparation

Agricultural Engineering Field

- Farm Machinery Renewable Energy
- Post Harvest Technology in Water shed Management
Cost effective building technology

15. **Reviewer of journals :** -

16. **Recognition (local, National, International) :**

1. Appreciation service certificate for effective implementation of Dindigul District Development works, received from District Collector in commemoration of Independence Day – 2004.
2. Best builder award from Tamil Nadu Sports Development Council, received from District Collector, Dindigul during the inauguration of Gymnastic building at District Sports Complex, Dindigul, 26th July 2004.

3. Award from Association of Consulting Civil Engineers (I), Madurai Centre for service appreciation in promoting rural technologies, March 3, 2002.
4. Best performance award received from Vice-Chancellor, GRI in commemoration of celebrating Silver Jubilee year 2001-02.
5. ICAR, Junior Fellowship, 1978-80

17. Committee Member :

1. Gandhigram Rural Institute – Syndicate Member – 2008 onwards
2. Gandhigram Rural Institute- Finance Committee Member 2008 onwards

18. Fellowship Received : ICAR- Junior Fellowship 1978- 80

- 19. Foreign Countries visited :**
- i) Lincoln, United Kingdom
 - ii) Nepal- National University of Rwanda, Rwanda, Africa.

- 20. Administrative Experience:**
- i) Director, RTC – 1998 – 2004
 - ii) Dean, Faculty of Agri & AH- 2006 onwards

21. Others :

Machineries Developed by Faculty of Agriculture and Animal Husbandry published in Indian Universities – Technology Data Base UGC –UNDP-APCTT-SCITECH PARK Initiative Mar. 2003.

Ref.No:ACB A01 / 003	Groundnut stripper
ACB A01 / 004	Improved Seed Planter
ACB A01 / 008	Paddy Threshing Bench

ACB A01 / 012 Sunflower Threshing Bench