

Curriculum Vitae of

Dr. N. D. MANI

Professor

**Department of Rural Development
Gandhigram Rural University
Gandhigram – 624 302, Tamil Nadu, India**

**CURRICULUM VITAE OF
N.D.MANI**

A. BASIC DETAILS

1. Name in Full : **NEELI DORAISAMY MANI**
 2. Sex : Male
 3. Age and Date of Birth : 55 years - 22.05.1956 (Twenty Second May Nineteen Fifty Six)

B. EDUCATIONAL QUALIFICATION

<i>Course</i>	<i>University</i>	<i>Year</i>	<i>Specialisation</i>
M.Sc.,(Geography)	Madras University	1979	Special Papers: 1.Environmental Studies, 2.Thematic Cartography 3.Urban Analysis
Cert. in Computer Programming	Anna University, Madras	1980	Fortran Programming and its applications Project work on Centographic Technique -Madras city
Ph.D.	Gandhigram Rural Institute (Deemed University)	1994	Topic: An Exercise in Perceptual Cartography - Evaluation of Resource Atlases and their Application to District Planning

C. EMPLOYMENT PROFILE (STARTING FROM THE PRESENT POSITION):

<i>Designation</i>	<i>Institution</i>	<i>Duration</i>	<i>Nature of Responsibilities</i>
Professor, Community Dev. & Panchayati Raj	Gandhigram Rural Institute	Since, January 2005	Teaching, research guidance at Doctoral, Pre-doctoral and P.G. levels
Reader, Community Dev. & Panchayati Raj	Gandhigram Rural Institute	Since, January 1997	
Senior Lecturer in Cartography	Gandhigram Rural Institute	December'91 – January'97	Teaching and Research guidance at the Pre-doctoral and P.G. Level
Lecturer in Cartography	Gandhigram Rural Institute	December '83-December, 91	-do-
Senior Cartographer	Resource Atlas Project, Dept.of Geography, Univ. of Madras.	July '80 – December '82	Designing and Preparation of final maps for printing.

D. ACADEMIC PROGRAMMES IMPLEMENTED

- M.Sc.Geoinformatics programme since 2002. (on self –supporting mode)
- P.G.Diploma in Spatial Technologies since 2007. Innovative programme of UGC, NewDelhi (with an Assistant Professor and funding support of Rs.39,00,000/-)

E. RESEARCH PROJECTS COMPLETED

1. Two year Research and Development project '**Resource Atlas of Dindigul Anna District, Tamil Nadu**', sponsored by National Informatics Centre, Planning Commission, Government of India, New Delhi, in November, 1996, as **Principal Investigator**.
2. A project **Planning for Hunger Free Area Programme**, funded by Department of Social Welfare and Nutritious Meals Programme, Government of Tamil Nadu, Chennai, in February, 1997 - as **Co - Principal Investigator**.
3. A research project '**Atlas for Athoor Watershed, Dindigul District**' funded by District Rural Development Agency, Dindigul Collectorate, Dindigul, in August, 1997, as **Director**.
4. A project **DPAP - WDP - Watershed Maps of Dindigul District** funded by DRDA, Dindigul District as **Director** in May 1999.
5. A project **Mid Term Evaluation of Integrated Wasteland Development Programme Watershed in Shanarpatti Block in Dindigul District**, sponsored by DRDA, Dindigul District as **Director**, in November 1999.
6. A project Preparation of **Socio Economic Profiles of DPAP watersheds in Dindigul District**, funded by DRDA, Dindigul District as **Director** in May 2000.
7. A project **Resource Mapping for Watershed Development in Coimbatore**, funded by DRDA, Coimbatore District as **Director** in April 2001.
8. A project **Benchmark Survey of DPAP Watersheds in Karur District**, sponsored by DRDA, Karur District as **Director**, August 2001.
9. **Mid Term Evaluation of Scheme Works under Integrated Wasteland Development Programme Watersheds in Shanarpatti Block in Dindigul District**, sponsored by DRDA, Dindigul District as **Director** in December 2001.
10. **Designing an Information System for Panchayat Planning at Block Level**, sponsored by UGC, New Delhi as **Principal Investigator** in November 2002.
11. Consultative project on **Mid – Term Evaluation of DPAP in Sithayankottai projects** sponsored by DRDA Dindigul District as **Director** in December 2002.
12. Consultative project on **Mid – Term Evaluation of IWDP project** sponsored by DRDA Karur District as **Director** in March 2003.
13. Consultative project on **Mid – Term Evaluation of DPAP/IWDP projects** sponsored by DRDA Namakkal District as **Director** in March 2003.
14. Consultative project on **Mid – Term Evaluation of DPAP projects** sponsored by DRDA Namakkal District as **Director** in March 2003.
15. Consultative project on **Mid – Term Evaluation of DPAP IVth Batch projects** sponsored

- by DRDA Namakkal District as **Director** in March 2003.
16. Consultative project on **Mid – Term Evaluation of DPAP Vth Batch projects** sponsored by DRDA Namakkal District as **Director** in March 2003.
 17. **Final Evaluation of IWDP Project in Shanarpatti block** sponsored by DRDA, Dindigul District as **Director** in March 2003.
 18. Consultative project on **Mid – Term Evaluation of DPAP IVth Batch project** sponsored by DRDA Viruthunagar District as **Director** in April 2003.
 19. Consultative project on **Mid – Term Evaluation of DPAP project** sponsored by DRDA, Coimbatore District as **Director** in April 2003.
 20. Consultative project on **Mid – Term Evaluation of IWDP project** sponsored by DRDA, Viruthunagar District as **Director** in April 2003.
 21. Consultative project on **Mid – Term Evaluation of DPAP project** sponsored by DRDA, Karur District as **Director** in May 2003.
 22. Consultative project on **Mid – Term Evaluation of DPAP Vth Batch project** sponsored by DRDA, Viruthunagar District as **Director** in July 2003.
 23. Consultative project on **Mid – Term Evaluation of DPAP/IWDP project** in Vedasandur Block sponsored by DRDA Dindigul District as **Director** in August 2003.
 24. Consultative project on **Mid – Term Evaluation of DPAP project** sponsored by DRDA Trichy District as **Director** in October 2003.
 25. Consultative project on **Mid – Term Evaluation of DPAP VII batch project** sponsored by DRDA, Sivagangai District as **Director**, in August 2004.
 26. Consultative project on **Mid – Term Evaluation of DPAP VII batch project** sponsored by DRDA, Dindigul District as **Director** in September 2004.
 27. Consultative project on **Mid – Term Evaluation of DPAP VII batch project** sponsored by DRDA, Karur District as **Director** in November 2004.
 28. Consultative project on **Mid – Term Evaluation of DPAP VII batch project** sponsored by DRDA, Virudhunagar District as **Director** in January 2005.
 29. Consultative project on **Mid – Term Evaluation of Swarna Gramin Rojgar Yojana** sponsored by DRDA, Virudhunagar District as **Director** in May 2005.
 30. Consultative project on **Mid – Term Evaluation of Swarna Gramin Rojgar Yojana** sponsored by DRDA, Salem District as **Director** in April 2006.
 31. A research project on **Baseline Survey of DPAP/IWDP projects** sponsored by DRDA, Dindigul District, as **Director** in May 2007.

32. A research project on **Geographic Information System for Watershed Development** funded by UGC, New Delhi, as **Principal Investigator**, in June 2008.
33. Conducted an **Impact Study on Ponds in Dindigul District**, February, 2011 for the District Administration, Dindigul as a **Team Member**.

F. RESEARCH PROJECTS UNDER IMPLEMENTATION

1. A DST funded project on **Models to study the Impact of Sea Level Rise on Coastal Environment of India**.

G. TRAINING PROGRAMMES / WORKSHOPS CONDUCTED

1. Conducted 6-day training in '**Project Formulation and Cartographic Techniques**' to NGO's between 10.6.96 and 15.6.96.
2. Organised one-day workshop to the District Officials of Dindigul district about **Importance of Resource Mapping in District Planning** in September 1996.
3. Conducted one-day workshop to the District Informatics Officers of southern districts of Tamil Nadu State on **Mapping of Resource data for District Planning** in October 1996.
4. Acted as Field Coordinator in **Village Immersion Programme for World Bank Officials** in November 1997.
5. World Bank funded two day seminar on **Corruption at Grassroots** was organised as **Associate Organiser** in 3 - 4 December, 1998.
6. **Geographic Section of Indian Social Science Congress** was held in Gandhigram Rural Institute, Gandhigram, between 13 and 18 March 1999 as **Co-president**.
7. Organised one day awareness meet for the President and members of JamboothuraiKottai Panchayat on 22.2.99 at Gandhigram.
8. Organised a three day workshop **Formulation of Rural Development Projects**, funded by CAPART, Regional Centre, Hyderabad, 27 and 29th December 2000.
9. Organised 15 day Training Programme on **Geographic Information System** for the students of final year B.E., Agricultural Engineering, TNAU, Kumulur, Trichy between 16th and 29th, November 2001.
10. Conducted three day Regional Workshop on **Information Technology for Rural Development**, in collaboration with the Dept. of Computer Science and Applications, at Gandhigram between 26 and 28 March, 2002, funded by UGC, New Delhi.
11. Organised one-day awareness programme on **The Role of Information in Panchayat Planning**, for Village Panchayat Presidents in Athoor Block, on 15.5.2002 at Gandhigram funded by UGC, New Delhi.
12. Organised 15 day Training Programme on **Geographic Information System** for the students of final year B.E., Agricultural Engineering, TNAU, Kumulur, Trichy between 2nd and 18th, December 2002.

13. Organised 21 day Refresher Course on **Information Technology for Rural Development** for College teachers from 2.2.2004 to 24.2.2004 at Gandhigram, sponsored by UGC, New Delhi.
14. Organized a 10 day training programme on **GIS for Resource Mapping** for Geography Lecturers and Students between 9 & 20 May 2005 at Gandhigram.
15. Organized training programme on **GIS for Resource Mapping** for Gandhigram Institute of Rural Health & Family Welfare staff between January & March 2006 at Gandhigram.
16. Organized a 10 day training programme on **GIS for Resource Mapping** for Geography Lecturers and Students between 15 & 25 May 2006 at Gandhigram.
17. Organised a **Consultative Meeting with ISRO** at GRU on 21.11.2006 for **establishment of ISRO Village Resource Centers.**
18. Organized a 15 days training programme on **GIS for Watershed Planning to District Level Implementing Officers** at GRI from July to August 2010, Sponsored by Tamil Nadu Watershed Development Agency, Chennai.

H. CONSULTANCY

1. Acted as a **Consultant** in a project on '**Micro Level Health Planning**' implemented by Gandhigram Institute of Rural Health & Family Welfare, Ambathurai.
2. Served as **Consultant** in a village consultation Project - **Tamil Nadu Road Sector Project** and Gandhigram Rural Institute for Government of Tamil Nadu funded by **The World Bank** for a period of three months Jan - March 99.

I. PUBLICATIONS

1. '**Rural Base in a South Indian Village - A study into its structural and spatial pattern in Mahizhambadi village of Tamil Nadu**' jointly undertaken by the Institute for the study of Languages and Cultures of Asia and Africa based in Tokyo, Japan and University of Madras (part of Research Team), 1982.
2. **Basic Resource Atlas of Tamil Nadu**, Department of Geography, University of Madras, 1983 (Part of Research Team as Senior Cartographer).
3. **Resource maps of Athoor Block**, Department of Rural Development, Rural Institute, Gandhigram, 1985 (Author).
4. An article on '**Importance of Cartography in Micro Level Planning**' published in Indian Cartographer, Vol V, 1985.
5. **Appropriate Technologies for Water Management and Sanitation**, Department of Home Science, Rural Institute, Gandhigram, 1989 (**Video Cassette** - Part of Production Team)
6. An article '**Utility of Maps in Planning**' published in Yojana, Vol.36(24) January, 1993.
7. An article on '**Automated Cartography - Thematic Maps for District Planning**' published in Indian Cartographer, Vol.XV, 1995 (Co-author).
8. An article on '**Resource Atlas of Dindigul Anna District, Tamil Nadu**' published in Indian

- Cartographer, Vol.XV, 1995 (Co-author).
9. '**Geographic Information System for Grassroot Level Planning**', G.Palanidurai (Ed), Empowering People - Issues and Solutions, Kanishka Publishers, New Delhi, 1996 published by Rajiv Gandhi Foundation, New Delhi, Co-author - Dr. P.Arumukham.
 10. '**Resources for Panchayat Planning**', G.Palanidurai (Ed), Major Issues in New Panchayati Raj System, Kanishka Publishers, New Delhi, 1997, Co-author Dr.P.Arumukham.
 11. **Atlas for Athoor Watershed, Dindigul District, Tamil Nadu**, Indian Cartographer, volume 17, 1997 (Co author M.Buvaneswaran).
 12. **Perception of District Officials about Resource Atlas for Planning Purposes**, Indian Cartographer, volume 17, 1997.
 13. **Sensitisation of District Officials on Resource Atlases**, Indian Cartographer, volume 17, 1997(co author M.Buvaneswaran).
 14. **Identification of Rural Poor - Whose Assessment is Correct?**, Journal of Extension and Research, Gandhigram Rural Institute, Gandhigram, Vol 1, No. 1, January June 1998 (Co authors: N.Narayanasamy and R.Ramesh).
 15. **Whose Assessment is Correct? An Exercise in Validating the PRA Methodology**, Analysing Community Problem - Tentacles of PRA, A book edited by N.Narayanasamy, etal, Himalaya Publishing Company, Mumbai, 1998 (Co-authors N.Narayanasamy and R.Ramesh).
 16. **Poverty, Hunger and Coping Strategy**, Analysing Community Problem Tentacles of PRA, book edited by N.Narayanasamy, etal, Himalaya Publishing Company, Mumbai, 1998 (Co authors N.Narayanasamy and R.Ramesh).
 17. **Mapping of Tannery Polluted Area**, Indian Cartographer, volume 18, 1998.
 18. **Peoples' Participation in Drought Prone Area Programme** (Co-authored), Journal of Extension and Research, Vol.II (2), July, 1999.
 19. **Street Children in Trivandrum City**, Journal of Extension and Research, Vol.I & II Jan, 2001.
 20. **Evaluation of Million Wells Scheme**, Journal of Extension and Research, Vol.I & II, Jan, 2002.
 21. A **book Perceptual Cartography for District Planning**, Concept Publishers, New Delhi, 2002.
 22. An article on **Status of Working Women of Melakottai Village**, published in a Book by M.A.Sudhir & A.Balakrishnana (Eds.) Empowerment of Rural Women Labour Force, Anmol Publications Pvt.Ltd., 2002.
 23. A Chapter on Watershed Management in the Trainers Manual for **Tamil Nadu Comprehensive Wasteland Programme** as Team Member organised by GRI and DRDA, Dindigul sponsored by Dept. of Agriculture, Government of Tamil Nadu, Chennai. 2002.
 24. A paper on **Impact of Integrated Wasteland Development Programme on Environment** in a Book on Environmental Issues edited by M.A.Sudhir and M.Alangaramasilamani, Reliance Publishing House, New Delhi, 2003.
 25. An article on **Geoinformatics for Decentralised Planning: Problems and Prospects**, GIS Development, Asian GIS Monthly Journal, February, 2004.

26. An article on **A Case for Common Spatial Database**, Journal of Extension and Research, 2004.
27. A Monograph on **Cartography Techniques for Rural Development**, Gandhigram Rural Institute, Gandhigram, 2004.
28. A Book on **Watershed Management: Principles, Parameters and Programmes**, Dominant Publishers and Distributors, New Delhi, 2005.
29. An article on **Information System for Panchayat Planning** in a book on Dynamics of New Panchayat Raj System in India, edited by G.Palanithurai, Concept Publications, New Delhi, 2006.
30. An article on **Environmental Impact Assessment of Tanneries in Dindigul Town**, Tamil Nadu in a book on Sustainable Urban Development, edited by R.B. Singh, Concept Publications, New Delhi, 2006.
31. An article on **GIS Application in Integrated Rural Development** in a book on Dimension of Geomatics, Edited by Dr.A.Ganesh, Dept. of Geography, Bharathidasan University, Tiruchirapalli, 2006
32. An article on **GIS for Micro Level Planning** in a book on Application of Geospatial Technology, Edited by Dr.A.Ganesh, Sathish Serial Publishing House, New Delhi, 2006.
33. An article on **Watershed Approach: An Introspection**, in a book on Community Development: An Outreach Approach, Dr.M.P.Boraian,(Ed) Anmol Publisher, New Delhi, 2008
34. An article on **People's Participation in Watershed Projects**, Journal of Extension and Research, Vol XII, No. 1, 2009.

J. PAPERS PRESENTED IN INTERNATIONAL CONFERENCES

1. Presented a paper on **Geographic Information System for Micro Level Planning** in an **International Conference** organised by INCA at Ahmedabad, During November 2002.
2. Presented two papers on

- 1. Information Village for Rural Development**
- 2. Resource Mapping for Panchayat Union Level Planning**

in on **IGS International Conference** on Globalization and Sustainable Development: Perspectives on Digital Revolution and Environmental Management, organised by Indian Geographical Society and School of Earth Resources, Thanjavur University at Thanjavur, August 2002.

3. Presented a paper on **Geoinformatics for Decentralization Planning: Problems and Prospects** in an **International Conference MAP ASIA 2003** held at Kaulalumpur, Malaysia during October 2003, organized by Malaysian Centre for Remote Sensing, Malaysia.

4. Presented a paper on **Geoinformatics for Sustainable Grass root Development** in an **Third International Conference on Rural India: Achieving Millennium Development Goals and Grass root Development** organized by Bhoovigyan Vikas Foundation, New Delhi at Hyderabad between 10th and 12th November 2005.
5. Presented a paper on **GIS enabled Decentralized Planning and Governance**, in an **International Conference on Digitalizing Administration**, organized by Presidency College, Chennai between 17th and 18th March 2008.
6. Presented a paper on **GIS for Village Panchayat Planning**, in an International Conference on Technology Solution in Urban and Regional Mapping, organized by Indian National Cartographic Association, Kolkata from 26.11.2009 to 27.11.2009
7. Delivered an Invited lecture on **Assessing the Changes in Average Temperature in Tamil Nadu State** 26.02.2011 in an **International Seminar on Climate Change and Future Generation**, organized by Dept. of Geography, University of Madras, Chennai held between 25th and 26th February 2011 and also **Chaired a session** in the Seminar.

K. SEMINARS/CONFERENCES/WORKSHOP

a. Presentation of papers:

1. Presented three papers at the International Conference on 'Urban and Regional Change in Developing Countries' in December 1981 at I.I.T., Kharagpur,
 - i. **Growth of Commercial activities in Madras city,**
 - ii. **Problems of Metro tower - Madras city and**
 - iii. **Rural Urban migration and its impact on urban areas.**
2. Presented a paper on '**Impact of physical, Environmental Conditions on Man in Monsoon Tropics**' at the Seminar on Status of Environmental Studies in India held at Trivandrum during 26-28 March 1981.
3. A paper presented on '**Criteria for Evaluation of Cartography Paper**' in a workshop on Evolving Evaluation criteria for M.Phil course held at the Rural Institute, Gandhigram, 1986.
4. Presented a paper on the '**Importance of Cartography in Micro Level Planning**' in the Sixth Annual Conference on Indian National Cartographic Association in Trivandrum held in November 1986
5. Acted as **Resource Person** in the workshop on **Visual Aids Preparation for Home Science Extension Programmes**' held in March 1988 at the Rural Institute, Gandhigram.
6. Presented a paper on '**Mapping of Wastelands at Micro Level**' in the National Seminar on 'Wasteland Development' held at Madurai Kamaraj University in February 1989.
7. Presented a paper on '**Availability of Hardware and Software at Gandhigram Rural Institute**' in the workshop on Geographical Information System held in December 1989.
8. Presented a paper on '**Evaluation of Resource Atlases and their Application to District Planning and strengthening of DISPLAN of National Informatics Centre**' in the District

Informatics Officer's Workshop conducted by National Informatics Centre, New Delhi in November 1994.

9. Acted as Resource Person and presented a theme paper on '**Geographic Information System for Grass root Level Planning**', in March 1995, conducted by Dept. of Political Science and Development Administration, Gandhigram Rural Institute.
10. Presented and discussed the report of '**Resource Atlas of Dindigul Anna District**', to the Collector, Dindigul Anna District in July 1995.
11. Presented the project of '**Resource Atlas of Dindigul Anna District**', to Divisional Development Officers, Block Development Officers and Additional Block Development Officers of Dindigul Anna District, Tamil Nadu in July 1995.
12. Presented the project of '**Resource Atlas of Dindigul Anna District**', to Tahsildars and other Revenue Officials of Dindigul Anna district, Tamil Nadu in July 1995.
13. Acted as **Resource Person** and presented a theme paper on '**Resources for Panchayat Planning**', in a Sub-Regional Workshop on 'New Panchayat Raj and Prosperity Movement' held at GRI in December 1995.
14. Participated as a Resource Person in a 6 day **Trainers Training Programme in PRA** to the District Communication Officers and District Nutrition Officers, Government of Tamil Nadu, in January, 1998.
15. Presented a paper on **Status of Water Resources in Dindigul District**, in a seminar cum Workshop on "**Issues in Water Conservation for Agriculture Development**" organised by Faculty of Agricultural and Animal Husbandry, Gandhigram Rural Institute in November'98.
16. Presented a paper on **Status of Working Women in Melakottai Village, Dindigul District**, in a Seminar on Empowerment of Rural Female Labour Force held in January '99 organised by Department of Applied Research, Gandhigram Rural Institute.
17. Presented a paper on **GIS for Panchayat Union Planning - A Case Study**, in National Conference held at PSG College of Technology, Coimbatore in November 2000.
18. Presented a paper on **GIS for Integrated Rural Development**, in a National Seminar on Engineering Application in Rural Development held at Annamalai University in February, 2001.
19. **Chaired** a session on Implementation Process in a End of Project Seminar on **Community Action Planning and Development Processes** held at Gandhigram in February 2001 organised by Gandhigram Rural Institute, University of Madras, University of Waterloo and University of Guelph.
20. Presented a paper on **Watershed Approach to Rural Development - Institutional Relationships**, in a Workshop on Emerging Partnership in Rural Development initiatives of NCRI funded project on Capacity Building and Skill Upgradation in March 2001 held at Gandhigram Rural Institute, Gandhigram.
21. Presented a paper on **Information Technology for Governance**, in VIII Annual Convention of Academy of Public Affairs, Chennai held at Gandhigram Rural Institute, Gandhigram in April, 2001.
22. Presented a paper on **Impact of IWDP on Environment** in a workshop on Environmental Issues, held in Gandhigram Rural Institute, Gandhigram in April, 2001.

23. Presented a paper on **Geographic Information System as a tool of Rural Development Research** in a National Seminar on Status, Trends and Supervision of Research in Rural Development held at Gandhigram on 12.4.2002 organized by Department of Applied Research, GRI, Gandhigram and sponsored by UGC, New Delhi.
24. Presented two papers on
1. **Information Technologies**
 2. **Cartographic Technologies**
- in a three day Regional Workshop on Information Technology for Rural Development Organized by Departments of Rural Development and Computer Science & Application GRI, Gandhigram and sponsored by UGC, New Delhi, 2004.
25. Presented a paper on **Watershed Approach: An Introspection** in a National Seminar on Community Outreach Methodology – The Dimension and Dilemmas held at Gandhigram between 27 and 29.01.2005 organized by Department of Extension Education, GRU, Gandhigram.
26. Acted as a Resource Person in a workshop on **Preparation of Projects** for CAPART held at ‘Sri Sarada Ashramam, Udumalpet, Dec.2006.
27. Presented a paper on **Application of Spatial Technology in Environmental Management in National Conference** on ‘Environmental Pollution Management and Sustainable Development’ Dec.2006, organised by Center for Futurology, Gandhigram Rural University, Gandhigram.
28. Presented a paper on **People Participation in Area Development Programme with Special Reference to Drought Prone Area Programme** in a **National Level Seminar** on People Participation in Rural Development, organized by Centre for Rural Development, Dept. of Economics, Madurai Kamaraj University, between 22nd and 23rd January 2009.
29. Presented a paper on **Impact Assessment of DPAP on Uralipatti Watershed, Dindigul District** in a **National Seminar** on Emerging Trends in Participatory Watershed Management Project, organized by Faculty of Agriculture and Animal Husbandary, Gandhigram Rural University, Gandhigram, between 5th and 6th February 2009.
30. Presented a paper on **“Use of Satellite imaginaries in the impact assessment of ground water potential in watersheds”** in a **Seminar** on Augmentation of ground water potential through water harvesting structures mainly checkdam in watersheds of Dindigul District with remote sensing technique” at Conference Hall, Collectorate, Dindigul on 05.11.2009 at 10.00 am.
31. Presented a paper on **“GIS for Rural Development”** in a UGC sponsored refresher course on ‘Rural Development – An interdisciplinary perspective’ on 18.11.2009 at 2 pm to 3.30
32. Presented a paper on **Urban Sustainability: Issues and Solutions**, in a **National Seminar** on Urban Sustainability Issues, organized by Madras University, Chennai, between 5th and 6th February 2010
33. Presented two papers on,
1. **Detection of Spatio-Temporal Variation in Land Use/Land Cover Using IRS IC Satellite Imageries.**
 2. **Assessment of Changes in Forest Area in Sirumalai, Dindigul District**

in a **National Conference** on Image Processing, organized by Department of Computer Science and Applications, Gandhigram Rural Institute, Gandhigram, between 12th and 13th February 2010.

34. Presented a paper **Use of Geoinformatics in Village Development** in a **National Workshop** on Innovative Strategies in Grass-root Development, organized by Department of Extension Education, Gandhigram Rural Institute, Gandhigram, between 18th and 19th February 2010

35. Presented two papers on

1. **Network Analysis: A Case Study of Chennai City;**

2. **Visualization of Terrain for Watershed Management**

in a **National Seminar** on Frontier Areas of Research and Teaching in Geosciences, organized by Department of Geography, Bharathidasan University, Trichy, between 26th and 28th February 2010.

36. Presented a paper on **GIS for Village Panchayat Planning** on 29.03.2010 in a National Seminar, Sponsored by UGC-UPE & SAP conducted by School of Earth & Atmospheric Sciences, Madurai Kamaraj University, Madurai.

37. Presented a paper on **Application of GIS** and also acted as a special lecture at Rev.Jacob Memorial Christian College, Ambilikai on 18.02.2011.

38. Presented a paper on **Visualization of Spatial Data using GIS** on 22.03.2011 in a National Seminar on Energy Frontier of Application of GIS, Sponsored by UGC, conducted by Department of Geography, Madurai Kamaraj University, Madurai.

39. Presented a paper on கிராம வளர்ச்சியில் புவியியல் தகவல் அமைப்பின் பங்கு on 26.06.2011 in a XI Tamil Nadu Science Congress 2011, organized by Faculty of Oriented Science, GRI.

L. EVALUATION OF PROJECTS

1. Evaluated a project on '**An Alternative Employment Programme for the Landless Agricultural Labourers**', implemented by Dindigul Multi-purpose Social Service Society in February 1996.

2. Mid-Term Evaluation of Panchayati Raj Training Programme of Shanti Ashram for CAPART, Hyderabad on 29.03.2004.

3. A project funded by CAPART, Hyderabad on **Formation of SHGs for Special Groups** to AWARD, Tirunelveli, December 2004 for CAPART as Facilitator.

4. Pre-funding evaluation of project on **Effective Transfer of Alternative Livelihood and Participatory Sustainable Development among the Rural Communities** funded by CAPART, Hyderabad, January 2005 for CAPART as Facilitator.

M. LECTURES DELIVERED

1. Delivered a lecture on '**Mapping of Physical and Human Resources**' to the National Service Volunteers conducted by Information Development and Resource Agency (IDARA) at the Gandhigram Rural Institute, Gandhigram in November 1988.
2. Delivered lectures on
 1. **Remote Sensing for Natural Resource Management** and
 2. **Latest Developments in Cartography**

in a Refresher Course organised by Academic Staff College, Madurai Kamaraj University, in March 1996.
3. Delivered a Lecture on **Participatory Mapping** to the participants of Workshop on Attitude and Behaviour change for PRA organised by Gandhigram Rural Institute in April 1997.
4. Delivered a lecture on **Remote Sensing for Biology Extension** to the participants of U.G.C Refresher Course conducted by the Department of Biology, Gandhigram Rural Institute in March 1997.
5. Delivered lectures on the following themes in a training programme in Rural Development funded by State Institute of Rural Development, Government of Karnataka to Probationary BDOs in September, 1997.
 1. **Cartography and Rural Development**
 2. **Use of Harvard Graphics in the preparation of Graphs and Diagrams**
 3. **Geographic Information System and Rural Development**
6. Delivered a lecture on **Resource Mapping for District Planning** to District level officials of National Informatics Center of Tamil Nadu on 8th March, 1998 at NIC, State headquarters, Chennai.
7. Delivered a lecture on **Mapping of Resource for Micro Level Planning** to the participants of Refresher Course on New Panchayati Raj System funded by UGC and organised by GRI, in January 99.
8. Delivered lectures on
 1. **Methods of Mapping and**
 2. **Environmental Pollution and Tanneries**

to the participants of Refresher Course on Environmental Sciences organised by Government College, Chittoor, Kerala in February 1999.
9. Delivered lectures on
 1. **Graphical Presentation of Data and**
 2. **Use of Computers in Graphical Presentation of Data**

to the participants of Refresher Course on Research methods for Social Sciences organised by Dept. of Applied Research, Gandhigram Rural Institute, Gandhigram, in February 99.

10. Presented a lead Paper on **Watershed in Joint Forest Management** and Chair a Technical Session on 31.8.2001 in a State level workshop for NGO's an sharing the experiences in Joint forest Management under Tamil Nadu Afforestation Project sponsored by the Dept. of Environment and Forest and organised by Govt. of Tamil Nadu.
11. Delivered a lecture on **People's Participation in Planning** in an awareness programme organised for the Village Panchayat Presidents on 7.11.2001 conducted by DRDA, Coimbatore.
12. Delivered a lecture on 8.12.2001 **Watershed Concept, Approach and Use of Remote Sensing for Watershed Development Programme** (WDP) in the NGO workshop on Tamil Nadu Comprehensive Wasteland Programme for three days from 08.12.2001 to 10.12.2001, KVK, GRI, Gandhigram.
13. Participating as a Resource Person in a five day workshop on **Preparation of training manual for Tamil Nadu Comprehensive Wasteland Programme** from 27th-31st December, 2001 at KVK, GRI, Gandhigram sponsored by the Agriculture Dept. f Govt. of Tamil Nadu and organised by the Dept. of ACE&E, Agriculture and KVK of GRI in collaboration with DRDA, Dindigul.
14. Delivered a lecture on **Use of Remote sensed data for Wasteland Development Programme** at Tirunelveli during the selection of NGOs for community organisation by DRDA Tirunelveli on 3.1.02.
15. Delivered a lecture on **Monitoring and Evaluation of DPAP** in a training programme on Comprehensive Wasteland Programme on 27.1.2002 organised by DRDA, Dindigul.
16. Delivered a lecture on **Micro Level Planning based on PRA** in a Five day training programmes in PRA, Micro Planning and Self-Help Group Sponsored by MSSRF, Chennai, organized by Faculty of Agriculture and Animal Husbandry, GRI, Gandhigram on 28.1.2002.
17. Delivered a lecture on **Delineation of Watersheds and Monitoring and Evaluation of WDP**, in a five-day training programme to WDT members of Comprehensive Wasteland Programme, organized DRDA, Namakkal on 29.1.2002.
18. Delivered a lecture on **GIS for Panchayat Planning** on 15.2.2002 in a two-day Workshop on Application of Remote Sensing and GIS organized by Sri Meenakshi Government College (Women), Madurai.
19. Delivered a lecture on **Use of Digitizer in Computer Mapping** and also inaugurated Application of Geography on 1.3.2002 at Kunthavai Nachiyar Government Arts College for Women, Thanjvur.
20. Delivered two lectures on
 1. **IWDP - An Introduction.**
 2. **Supervision of Scheme work and method of Evaluation of WDP**
 on 6.3.2002 and 8.3.2002 at Gandhigram under training of Watershed Association Presidents and Watershed Committee Chairman's of IWDP of Karur, organized by DRDA, Karur.
20. Delivered a lecture on **Role of GIS in Scientific Research** in a UGC, Refresher Course in Physics organized by Department of Physics, GRI on 13.5.2002.

21. Delivered a lecture on **GIS in Applied Research** in UGC Refresher Course in Applied Research on 24.5.2002.
22. Delivered a lecture on **Role of IT in Panchayat Planning** in UGC sponsored Refresher Course on New Panchayat Raj Systems organized by Department of Political Science and Administration, GRI on 29.5.2002.
23. UGC Refresher course on 'Environmental Science' held during September 2003 delivered a lecture on '**Visualisation of Environmental data**' on 16.09.2003 conducted by Dept. of Chemistry.
24. Delivered a lecture on '**IT for Rural Development**' on 26.09.2003 in a Refresher Course on 'Rural Development' organised by Dept. of Rural Development.
25. Delivered a lecture on '**Use of GIS/Remote Sensing in Social Science Research**' on 11.11.2003 in a Refresher Course on 'Sociology' organised by Dept. of Sociology.
26. Delivered a lecture on '**Delineation of Watershed**' on 15.12.2003 in a Watershed Training organised by DRDA Sivagangai & Coodu Trust.
27. Delivered a lecture on '**IT for Rural Development**' on 18.12.2003 in a Functioning of working Women Forms organized by Department of Rural Development.
28. Delivered a lecture on '**GIS for Rural Development and Geographic Information System for Micro Level Planning**' on 20.12.2003 in a Refresher Course on 'Earth Science' organized by Dept. of Geography.
29. Delivered a lecture on '**Visual Presentation of Data**' on 24.1.2004 in a Refresher Course on Environmental studies organized by Dept of Sociology, Maduari Kamaraj University, Madurai.
30. Delivered a lecture on '**Geographic Information System for Rural Development**' on 09.03.2004 in a Refresher Course in Participatory Research in Rural Development organized by Department of Applied Research as Resource Person.
31. Delivered a lecture on '**Prioritization of Watershed**' on 16.03.2004 in Workshop organized by K.V.K., Gandhigram.
32. Delivered a lecture on '**IT for Rural Development**' on 8.04.2004 in Training Programme on "Preparation of Integrated Micro Plan" organized by Dept. of Extension Education, GRI.
33. Delivered a lecture on '**IWDP –WDP: An Introduction**' on 11-14 June 2004 in Work shop on Training to Members of WA/WC organized by Coodu Trust, Sivagangai.
34. Delivered a lecture on '**DPAP / Watershed Development Programme**' on 11.06.2004 to 15.06.2004 in DPAP (VIII Batch) organized by DRDA, Sivagangai.
35. Delivered a lecture on '**Spatial Database for Decentralised Planning**' on 27.08.2004 to 28.08.2004 in Application of Information Technology for Micro Level Planning organized by National Informatics Centre and Dept. of Geography, MKU, Madurai as Chair Person.
36. Delivered a lecture on '**Tamil Nadu Empowerment and Poverty Reduction Project**' on 5.11.2004 to 6.11.2004 in Workshop on PIP and COM organized by Tamilnadu Corporation for Development of Women, Chennai as Resource Person.
37. Delivered a lecture on '**Spatial Technologies**' on 25.11.2004 in Intensive Refresher Course on Geography organized by Nirmala College for Women, Coimbatore as Resource Person.

38. Delivered a lecture on '**Evaluation of Watershed Development Project**' on 07.02.2005 in a Refresher Course on Watershed Approach for Sustainable Development organized by Department of RIM.
39. Delivered a lecture on '**Horiyali: An Introduction**' on 07.04.2005 to 09.04.2005 in Training Programme for DPAP 9th and 10th Batch, Karur District organized by For DRDA, Karur District, organized by Coodu Trust, Dindigul.
41. Delivered a two lectures on
- a. **Spatial Technology and Rural Development**
 - b. **Preparation slides for Power Point Presentation**
- on 15.11.2005 and 16.11.2005 in a Refresher Course on Applied Research organized by Department of Applied Research, GRI, Gandhigram.
42. Delivered a three lectures on
1. **Spatial Technology and Rural Development**
 2. **Remote Sensing and GIS for Rural Development**
 3. **GIS for Rural Development**
- on 24.11.2005 and 25.11.2005 in a Refresher Course on Computer Science organized by Department of Computer Science and Applications, GRI, Gandhigram.
43. Acted as **Resource Person** in a Capacity building Programme of NGOs at Sri. Sharadha Ashram, Ulundurpet funded by CAPART held between 29.11.2006 to 30.11.2006
44. Acted as **Resource Person** in a workshop on **Preparation of CAPART Projects**, Periyar Maniammai College of Technology, Vallam, Thanjavur District, 20.02.2007 to 21.02.2007
45. Acted as **Resource Person** for **Gramin Vikas Andolan of CAPART** at Arasakulam for Family Health Development and Agency, Kariyapatty on 07.07.2007
46. Delivered valedictory address in a **Training Programme on GIS** at NIRD, Hyderabad on 26.07.2007
47. Delivered a lecture on '**CAPART and its schemes in a workshop on capacity building in CAPART guidelines, schemes and project formulation to Rural NGOs**' organized by FHDRSF, Kariyapatty on 15.12.2007 funded by CAPART, Hyderabad
48. Delivered a lecture on **Monitoring and Evaluation of watershed project** in a TOT programme held at SIRD, Chennai on 19.12.2007 organised by NIRD, Hyderabad.
49. Delivered a lecture on **Application of Remote Sensing and GIS in Geography** on 14.02.2008 in M.V.M.Govt. Arts College (W), Dindigul.
50. Delivered a lecture on **Use of Geoinformatics for Environmental Studies** in a Refresher Course on Environmental Studies organized by Academic Staff College, Madurai Kamaraj University, Madurai on 18.11.2008.
51. Delivered a lecture on **Preparing an Academic Poster** in a **National Workshop** on Scientific Writing in Home Science, Extension and Rural Development, organised by Department of Home Science, Gandhigram Rural Institute, Gandhigram, on 23rd February 2010.
52. Delivered a lecture on **Covering Lecturers in Innovation in Convergence of MGNREGS, Practical Exercise in Project Formulation and Project Monitoring** in a workshop to

NGOs by CAPART Regional Centre, Hyderabad on 02.07.2010, conducted by KVK, Gandhigram.

53. Delivered a lecture on **Introduction to Geoinformatics** in a UGC Refresher Course on Renewable Energy on 04.12.2010 conducted by Rural Energy Centre, GRI, Gandhigram.

54. Delivered a lecture on **GIS for Watershed Planning to District Level Implementing Officers** for 15 days training at GRI from July to August 2010, Sponsored by Tamil Nadu Watershed Development Agency, Chennai.

- Introduction to Spatial Dimension and Map
- Introduction to Arc GIS
- Basic Components of Arc GIS
- Defining projection in Arc GIS
- Creation of Geo-database, dataset and feature classes
- in Arc GIS
- Digitization of contours and adding contour values
- Rectification of cadastral map of the watershed
- Digitization of other details from cadastral map
- Adding fields in Arc GIS and entering of attribute data
- Joining MS.Excel attribute data with respective feature classes
- Displaying the output in Arc GIS
- Introduction to Spatial Analysis Tools
- Tools of Spatial Analysis – Hydrology Modeling
- Creation of Flow Direction & Flow Accumulation
- Creation of stream to raster, Creation of micro - watershed
- Creation of land holding-wise data file in Ms.Excel
- Interpolation of well data – GIS vs. watershed planning theory
- Interpolation – practical exercise
- Designing of layout – Theory
- Introduction to DIP Software
- Image Composite
- Rectification of satellite data
- Supervised classification
- Reclassification of classified Images
- Use of satellite data in creating bench mark database - Theory
- Creation of spatial data base using satellite images
- Digitization of Hydro-Geomorphology map
- Multi Criteria Evaluation – Theory
- Adding field and entering of attribute data
- Use of Image calculator for Multi Criteria Evaluation
- Reclassification of the Multi Criteria Evaluation output
- Preparing layout for the output maps

N. RESEARCH SUPERVISION

	No.of candidates
a. M.Phil awarded	23
b. Ph.D awarded	4
c. Ph.D. under Guidance	1

O. EVALUATION OF Ph.D THESIS

- Evaluated a Ph.D thesis on **Remote Sensing, GIS and GPS Technologies for Integrated Development of Urban Areas – A Study on Hyderabad City** of Sri Krishna Devaraya University, Anantapur, Andhra Pradesh in 2011.

P. COUNTRIES VISITED

- Malaysia

Q. MEMBERSHIP IN ACADEMIC BODIES

1. Senate Member, Gandhigram Rural University, 2004 - 2007.
2. Academic Council, Gandhigram Rural University, Since 1997.
3. Board of Studies, Department of Rural Development, Gandhigram Rural University, Since 1994.
4. Board of Studies, Madras University, Madras - 2007.
5. Board of Studies, Department of Geography, Nirmala College for Women, Coimbatore – 2007 onwards.
6. Board of Studies, Department of Geography, Madurai Kamaraj University, Madurai - 2008

R.MEMBERSHIP IN QUESTION PAPER BOARDS

1. Member of the Question Paper Board of Geography, since 2007.
2. Chairman of the Question Paper Board of Geography since 2011
3. Question paper setter of Kerala University 2010/2011

S. MEMBERSHIP IN PROFESSIONAL ORGANISATIONS

1. **Indian Geographical Society**, Madras (Since 1983)
2. **Indian National Cartographic Association**, Hyderabad (Since 1985)
3. **Indian Social Science Congress**, Allahabad, 1999.

T. MEMBERSHIP IN GOVERNMENT COMMITTEES

- Member in **Task Force Committee on Identification and Estimation of Wastelands in Dindigul District** (appointed by the Collector, Dindigul District), February 1999.
- Member in **Watershed Advisory Committee** of DRDA, Dindigul District.
- Member in **Watershed Advisory Committee** of DRDA, Karur District.
- Monitor and Facilitator of **CAPART**

U. MEMBERSHIP IN SELECTION COMMITTEE

- Served as a Member in the Selection Committee for selecting Assistant / Associate Professor as the Nominee of Chancellor of **Kalyani University, West Bengal State** on 22.02.2011.

V. ADMINISTRATIVE EXPERIENCE

- Head of the Department – October 2002 to March 2009
- Course coordinator for M.Sc. Geoinformatics – 2002 to till date
- Course Coordinator for P.G. Diploma in Spatial Technologies – 2007 to till date

Place : Gandhigram

Date :

(N.D. MANI)