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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
B.A	Economics	Madurai- Kamaraj University	1979 -82
M.A.	Economics	Bharathiar University, Coimbatore	1982-84
M.Phil	Applied Economics	Jawaharlal University, New Delhi	1984-86
M.H.R.M.	Human Resource Management	Annamalai University,	2004-06
M.B.A.	Business Management	Annamalai University,	2006-08
Ph.D	Economics	Jawaharlal Nehru University, New Delhi	2006
Post-Doctoral Fellow		Centre for Development Studies, Trivandrum	2008

Specialisation in Teaching: Agricultural Economics / Rural Development/ Regional Study

Ph.D.Thesis Title : “Dynamics of Bovine Economy of Tamil Nadu: An Analysis of Factors, Processes and Implications” Submitted to Jawaharlal Nehru University, New Delhi through Centre for Development Studies, Trivandrum. Research Supervisors: Dr.K.N.Nair and Dr.P.S.George

M.Phil Thesis Title: "Structure of Milk Production in Tamil Nadu: An Analysis of Trends and Sources of Growth", Submitted to Jawaharlal Nehru University, New Delhi through Centre for Development Studies, Trivandrum. Supervisors: Dr.K.N.Nair and Dr.P.S.George.

M.A. Thesis Title: "Economics of Milk Production with Special Emphasis on Optimum Compounding by the Use of Linear Programming Technique for Sulur Block of Coimbatore District", Submitted to P.S.G. College of Arts and Science, Coimbatore. Supervisor: Prof.K.Balraj.

Other Work Experience:

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant Professor in Economics	The American College, Madurai.	2001 onwards
Lecturer in Economics	The American College, Madurai.	2000 -2001
Research Associate	Kerala Research Programme on Local Level Development, Trivandrum.	1995- 2000
Faculty Associate	Centre for Management Development, Trivandrum.	1990-1995
Project Associate	Centre for Development Studies, Trivandrum	1990-1991
Assistant Professor	Scott Christian College,Nagarcoil	1988-1989

Administrative /Academic Position/s (held / currently holding):

Positions held / currently holding	Year - From (month/year) To month/year)
Director , Placement Cell	2010-11 onwards
Placement officer in-charge	2007-08
NSS Programme Officer	(2003-2009)

Member: ➤ Anniversary Committee ➤ Publicity Committee ➤ NSS Committee ➤ Board of Studies (Economics).	
President: UG Economics Association	2003
President: P.G Economics Association	2004 & 2005
Faculty in-charge (Economics) for Service Learning Programme	2005-2008
Academic Advisor for UG Economics (English Medium)	2004, 2007, 2009 and 2010
Academic Coordinator for I and II MA Economics	2014-15
Coordinator for BBA programme	2007-08

Research Guidance:

- U.G. Project** : Guided more than 50 Under-Graduate Research Projects.
- P.G. Project** : Guided more than 20 Post Graduate Research Projects.
- M.Phil. Thesis** : Guided 11 M.Phil Thesis.
- Ph.D.** : Guiding one Ph.D. Full-time Research Scholar.

Awards / Scholarship / Fellowship Obtained:

1. Dr.John D.K.Sundarsingh and Irine Sundarsingh Scholarship (1981-82) for scoring the highest marks in Economics during BA programme.
2. First Rank and Distinction Award for scoring the highest percentage of marks among the M.A. Economics students of both Day and Evening Colleges of the batch.
2. ICSSR scholarship to do M.Phil and Ph.D. at the Centre for Development Studies, Trivandrum.
3. **Young Economist Award** for the year 2003-04 from the Association of Economists of Tamil Nadu.
4. Post-Doctoral Fellowship from the Knowledge Utilisation Project sponsored by the Dutch Government through the Centre for Development Studies, Trivandrum during 2008.

5. **Best Teacher Award for the year 2010** (First Prize) from Madurai Kamaraj University, Madurai.
6. K.N.Raj Fellowships for Teaching Resource Grant for College Teachers in Economics, constituted by the Centre for Development Studies, Thiruvananthapuram and Government of Kerala for the year 2014-15.
7. **Best Teacher in Economics for the year 2015-16**, by Malcolm & Elizabeth Adiseshiah Trust, Chennai, 2016.

Training Undergone:

Orientation Programme	- 1
Refresher Course	- 2
Faculty Development Programme	- 3
Skill Development Courses	- 4
Workshops	- 5
Training	- 3

Orientation Programme:

Three Weeks **Orientation Programme on Inter-disciplinary** conducted by the **Academic Staff College, University of Kerala, Thiruvananthapuram, Kerala** during 23rd May 2003 to 19th June 2003.

Refresher Course:

1. Three weeks **Refresher course in Economics** organized by the **UGC – Academic Staff College, University of Kerala, Thiruvananthapuram, Kerala** during the period from 01-08-2006 to 22-08-2006.
2. Three weeks **Refresher course in Economics** organized by the **UGC – Academic Staff College, University of Madurai Kamaraj University, Madurai** during the period from 13-11-2007 to 03-12-2007.

Faculty Development Programme:

1. Participated a Faculty Development Programme on “**Research and Consultancy for Academicians**” organized by the IBS at Coimbatore on 31st January 2013.

2. Participated in the Faculty Development Programme organized by the All India Association for Christian Higher Education (AIACHE) New Delhi, held at Holiday Home, Kodaikanal during 20-22, November 2013.
3. Participated a Faculty Development Programme organized by the IBS at Madurai on 21st July 2015.

Skill Development Courses:

1. A course on **Study Skills** organised by the Madurai Kamaraj University at **Scott Christian College, Nagercoil** during February 1981.
2. A course in **Public Speaking** conducted by the Department of English, **PSG College of Arts and Science, Coimbatore** during 1982-83.
3. Two months course on **Using Internet**, organised by the **Compu-Needs, Trivandrum** during August-September 1996.
4. Completed a course on “**Research Methods in Labour History**” organized by the **V.V.Giri National Labour Institute, Noida** during 19-23, February 2007.

Workshops:

1. A three days workshop on **Bonded Labour In India** Organised by the Ecumenical Christian Centre, Bangalore during 7-9 September 2001
2. Workshop on “**Eco- Darshan**” held at Ecumenical Christian Centre (EEC), **Bangalore** during 12-15 August 2004.
3. Ten days workshop on “**Applied Econometrics**” organized by **Madras School of Economics, Chennai** under the auspices of The Indian Econometric Society from 6th to 15th December 2004.
4. Participated in the UGC sponsored Two Day National Workshop on “**New Directions in Development Economics _ Theoretical Paradigm Vs Empirical Challenge**” organized by the Department of Economics, Lady Doak College, Madurai on 13th and 14th December 2012.
5. Participated in the workshop on ‘**Household Food Security in Kerala: Issues and Challenges Ahead**’ organized by the Centre for Livestock Development and Policy Research and the Directorate of Academics and Research, Kerala Veterinary and Animal Sciences University, Thiruvananthapuram on 7th December, 2013.

Training Programmes:

1. Two months **Institutional Training** at the **South Indian Federation of Fishermen Societies, Trivandrum** as part fulfilment of the M.A programme, during May-June 1983.
2. Two weeks training programme on **Research Methodologies and Case Preparation** organised at the **Centre for Management Development, Trivandrum**, during October 1993.
3. Two weeks training programme on **Participatory Research Appraisal Techniques**, conducted at **Gulbarga, by MYREDA** during May 1994

Academic Achievements:

Participation as Resource Person in Workshops & Seminars- 72

Paper Presentation - International Conferences - 9

- National Level Conferences - 37

- State Level Conferences - 22

Participation as Resource Person in Workshops / Seminars

1. Participated in the seminar on “**Integrated Rural Development Programme and Transfer of Appropriate Technology for Rural Development**” organised by the Alumini Association of PSG College of Arts & Science, Coimbatore on February 12, 1984.
2. Participated in the state level seminar on **Development of Women Entrepreneurship** organised by the Sri Meenakshi Govt. College for Women (Autonomous) Madurai on 5-6, March 2001.
3. Participated as a resource person, delivered the inaugural address on “**WTO and the Indian Economy**” and inaugurated the Economics Association of St. Xavier’s College for the year 2002-03 on 17 August 2002.
4. Participated as a resource person in a Regional Workshop on **Village Re-surveys in South India**, organized by the Centre for Development Studies (ICSSR institution), Trivandrum, held at the **Madras Institute of Development Studies, Chennai** during 28-31, August 2002.
5. Participated as a resource person in the South Zone Regional Workshop on ‘**Curriculum Development on Human Development**’ organised by the Institute of Human

Development, New Delhi at the UGC Academic Staff College, **University of Hyderabad** on 22-9-2004.

6. Participated as a Resource Person (Special Address on Youth Participation) in the Annual Conference of the **Habitat for Humanity International- India**, held at **Bangalore** during 27th to 29th September 2004.
7. Participated as a Resource Person (For Agriculture Session) in the Conference in honour of Prof.K.N.Raj on “**Planning and Development: Institutions and Markets**” held at **St.Thomas College, Thrissur** during 2nd and 3rd October 2004.
8. Participated as a resource person (Panellist) in the **International Congress on Kerala Studies** organised by the AKG Centre for Research and Studies held at Thiruvananthapuram during 9-11 December 2005.
9. Participated as a Resource Person (Session Chair of a technical session) in the Regional Seminar on “**Trend-Watching in Tamil Nadu**” organized by PG Economics Association, Post Graduate and Research Department of Economics, The American College, Madurai on 28, February, 2006.
10. Participated as a resource person (Session Chairman) in the Ministry of Human Resource Development, Government of India sponsored National Seminar on **Intellectual Property Rights in India: Problems and Prospects** organised by the **St Aloysius College, Elithuruth, Thrissur, Kerala** on March 24, 2006.
11. Participated as a resource person to inaugurate the P.G. Commerce Club of the Lady Doak College, Madurai and gave a special talk on “**Challenge faced by the Students in the Era of Globalisation**” on 25th July 2006.
12. Participated as a resource person in a review workshop on ‘**Health Status in Kerala**’ at the Centre for Development Studies (CDS), **Trivandrum** on 29th August 2006.
13. Participated as a resource person, inaugurated the NSS activities of the year 2007-08 and delivered a special address on “**NSS Volunteers and their Services to Society**” at the Lady Doak College, Madurai on 10th August 2007.
14. Participated as a resource person in the Planning meeting of the **Migration Survey** at the Centre for Development Studies, **Trivandrum** on 11th & 12th January 2007.
15. Participated as a resource person in the ICSSR sponsored regional workshop on “**Seasonal Migrant Labour and Livelihood Issues**” organized at the Centre for Economic and Social Studies, **Hyderabad** on February 13, 2007.
16. Participated as a resource person, chaired a session on International Tourism and provided a special address on “**Issues on International Tourism**” in the National

Conference on “**Globalisation: Prospects and Problems**” organised by the Sourashtra College, Madurai on 25th February 2008

17. Participated as a resource person in the International Conference on ‘**Employment Opportunities and Public Employment Policy in Globalising India**’ organised at the Centre for Development Studies, Thiruvananthapuram, during April 3-5, 2008.
18. Participated as a Resource Person and provided a lecture on **Role of Statistics in Economic Planning in India**, in the workshop on **Statistics Day**, organized by the National Sample Survey Organisation, Madurai on June 29, 2009.
19. Participated as a Resource Person and provided a Lecture on “**Latest Format of a Thesis**” in a two day workshop on **Research Methodology**, organized by the Post Graduate and Research Department of Economics, Scott Christian College, Nagercoil on July 24, 2009.
20. Participated as a Resource Person and provided a Lecture on “**Theory of Consumer Behaviour**” in a two day workshop on **Teaching Economics at +2 Level for Higher Secondary Teachers**, sponsored by Malcolm and Elisabeth Trust Chennai organized by the Research Department of Economics, Thiagarajar College, Madurai on September 25, 2009.
21. Participated as a Resource Person and handled a session on “**Inter Personal Skills**” in the HRD-OD training programmes conducted by Life Insurance Company of India, Madurai Division during September –October 2009.
22. Participated as a Resource Person and provided a Lecture on “**Agricultural Crisis in India: The Root Causes and Consequences**” in a two day National Seminar on **Agriculture Crisis in Kerala in the New Era** sponsored by University Grants Commission, New Delhi organized by the Department of Economics, St. Cyril’s College, Adoor on 24-25, November, 2009.
23. Participated as a Resource Person and provided a Lecture on “**Global Economic Crisis and Its Impact on Employment in India**” in State Level Seminar on, **Economic Crisis and Its Impact on Indian Economy** sponsored by University Grants Commission, New Delhi organized by the Department of Economics, The Madura College, on 18, December, 2009.
24. Participated as a Resource Person and provided a Lecture on “**Externalities and Market Failure**” in the three day sponsored by University Grants Commission, New Delhi organized by the Department of Economics, Arul Anandar College, on 10-12, March, 2010.

25. Participated the Second Regional seminar of Tamil Nadu State Council for Higher Education, on “**Tamil Nadu Initiative on Assessment and Accreditation**” organized by the Madurai Kamaraj University on 13th October 2010.
26. Participated as a Resource Person and provided a Lecture on “**Relevance of Personality Development for Teachers**” in the Teachers’ 59th Orientation Programme for college and university teachers sponsored by University Grants Commission and organized by the Academic Staff College, Madurai Kamaraj University, Madurai on 12, February, 2011.
27. Participated as a Resource Person and provided a Lecture on “**Effective Team building for Teaching and Research**” in the Teachers’ 60th Orientation Programme for college and university teachers sponsored by University Grants Commission and organized by the Academic Staff College, Madurai Kamaraj University, Madurai on 14, February, 2011.
28. Participated as a Chairperson of a technical session and delivered a special address on “PPP” in the 32nd Annual Conference of the Association of Economists of Tamil Nadu, held at the Gobi Arts and Science College, Gobichettipalayam on 19, November, 2011.
29. Delivered a lecture on “**Relevance of Personality Development for Career Oriented Students**” under the auspices of UGC Programme on Entry into Services at AVVIAYAR Government College for Women, Government of Puducherry, Karaikal on 26th March 2012.
30. Delivered a lecture on “**Soft Skills for Student Achievements**” under the auspices of UGC Programme on Entry into Services at AVVIAYAR Government College for Women, Government of Puducherry, Karaikal on 27th March 2012.
31. Participated as a Resource Person and provided a Lecture on “**Personality Development and Effective Team building for Teachers**” in the 65th Orientation Programme for college and university teachers sponsored by University Grants Commission and organized by the Academic Staff College, Madurai Kamaraj University, Madurai on 30, May, 2012.
32. Participated as a Resource Person and provided a Lecture on “**Personality Development and Effective Team building for Teachers**” in the 66th Orientation Programme for college and university teachers sponsored by University Grants Commission and organized by the Academic Staff College, Madurai Kamaraj University, Madurai on 26, July, 2012.

33. Provided a special lecture on “**Basic Economic Concepts Relevant in Health Economics**” for the Nursing Students of 2009 Batch, in the CSI School of Nursing, Madurai on 19th September 2012.
34. Provided a special lecture on “**Law of Demand and Its Applications in Health Economics**” for the Nursing Students of 2009 Batch, in the CSI School of Nursing, Madurai on 25th September 2012.
35. Participated as a Resource Person and provided a valedictory address on “**Corruption in India: Forms, Causes and Implications**” in the UGC sponsored National Seminar on Economics of Corruption in India, organized by the Department of Economics & Centre for Research in Economics, The Madura College, Madurai on 26th September 2012.
36. Provided a special lecture on “**Determinants of Health Status in India**” for the Nursing Students of 2009 Batch, in the CSI School of Nursing, Madurai on 10th October 2012.
37. Provided a special lecture on “**Features of Monopoly Market and Its Behaviour in Health Industry**” for the Nursing Students of 2009 Batch, in the CSI School of Nursing, Madurai on 17th October 2012.
38. Participated as a Resource Person and delivered the VIII Rev.Dr.Sebastian Stanislaus Memorial Lecture on “**Structural and Functional Dynamism in the Bovine Economy of Tamil Nadu**” in the 33rd Annual Conference of the Association of Economists of Tamil Nadu, held at Periyar University, Salem on 27, October, 2012.
39. Participated as a Resource Person and provided a Lecture on “**Personality Development for Teachers**” in the 67th Orientation Program for college and university teachers sponsored by University Grants Commission and organized by the Academic Staff College, Madurai Kamaraj University, Madurai on 17, November, 2012.
40. Participated as a resource person and delivered a special lecture on “**Leadership and Personality Development**” for the NSS students camping at Kadhakikinaru organized by the Lady Doak College, Madurai on 12th February 2013.
41. Participated as a resource person and delivered a special lecture on “**Personality Development**” for the NSS students camping at Chinnapatti organized by the Lady Doak College, Madurai on 14th February 2013.
42. Participated as a resource person and delivered a special lecture on “**Personality Development and Leadership Quality**” for the NSS students camping at Marani Variyeanthal organized by the Lady Doak College, Madurai on 16th February 2013.

43. Participated as a resource person in the workshop on “**Team Building**” organized by the Personality Development Club of the Gandhigram Rural Institute- Deemed University, Dindigul on 26th February 2013.
44. Participated as a Resource Person and provided a Lecture on “**Globalisation and Economic Reforms in India**” in the Teachers Refreshers Program on Business Studies for college and university teachers sponsored by University Grants Commission and organized by the Academic Staff College, Madurai Kamaraj University, Madurai on 08, March, 2013.
45. Participated as a Resource Person and provided a Lecture on “**Team Building for Entrepreneurs**” in the Entrepreneurship Development Programme sponsored by Government of India and organized by the Voluntary Association for People Service, Madurai, on 08, March, 2013.
46. Participated as a Resource Person and provided a Lecture on “**Globalisation and India**” in the COMMERCE ASSOCIATION of Sermathai Vasan College for Women, Avaniapuram, Madurai on 08, April, 2013.
47. Participated as a Resource Person and provided a Lecture on “**Personality Development for Teachers in Higher Education**” in the Teachers’ 68th Orientation Program for college and university teachers sponsored by University Grants Commission and organized by the Academic Staff College, Madurai Kamaraj University, Madurai on 12, June, 2013.
48. Participated as a Resource Person and provided an Inaugural Address on “**Food Security and Food Inflation in India**” and inaugurated the Golden Jubilee Celebrations of The Department of Economics, Fatima College, Madurai on 17, August, 2013.
49. Participated as a Resource Person and provided a Lecture on “**Soft Skills for Entrepreneurs (Mushroom Cultivators)**” in the Entrepreneurship Development Programme sponsored by Government of India and organized by the Voluntary Association for People Service, Madurai, on 23, August, 2013.
50. Participated as a Resource Person, presided the technical session and provided a special address on “**Economic Reforms in India**” in the UGC sponsored National Seminar on “Two Decades of Economic Reforms in India”, organized by Department of Economics, Arul Anandar College, Madurai, on 19, September, 2013.
51. Participated as a Resource Person and provided a Lecture on “**Soft Skills for Entrepreneurs**” in the Entrepreneurship Development Programme sponsored by

- Government of India and organized by the Voluntary Association for People Service, Madurai, on 27, September, 2013.
52. Participated as a Resource Person and delivered a special address on “**Research Methodology**” to MPhil Scholars of Economics, organized by the Department of Economics, Thiagarajar College, Madurai, in association with Malcom and Elizabeth Adiseshiah Trust, Chennai on 25, October, 2013.
 53. Participated as a Resource Person and provided a Lecture on “**Personality Development for Teachers in Higher Education**” in the Teachers’ 69th Orientation Program for college and university teachers sponsored by University Grants Commission and organized by the Academic Staff College, Madurai Kamaraj University, Madurai on 06, November, 2013.
 54. Participated as a resource person in the First Meeting of the Doctoral Committee for the Ph.D. Programme in the Gandhigram Rural Institute- Deemed University, Dindigul on 20th January 2014.

 55. Participated as a Resource Person and delivered a lecture on ‘Types of Research and Secondary Data’ in the Ten Days workshop on Research Methodology organized by the Department of Econometrics, School of Economics, Madurai Kamaraj University, Madurai on 05-03-2014
 56. Participated as a Resource Person and provided a Lecture on “**Managerial Soft Skills for New Entrepreneurs**” in the Entrepreneurship Skill Development Programme for Fashion Designing, sponsored by GAIL India Ltd., New Delhi and organized by the Voluntary Association for People Service, Madurai, on 25, March, 2014
 57. Participated as a Resource Person in the Panel Discussion on ‘Climate Change and Water Resources’ in the ICSSR sponsored National Conference on Climate Change, Environment and Agricultural Development’ organized by the Department of Environmental Economics, School of Economics, Madurai Kamaraj University, Madurai on 28-03-2014.
 58. Participated as a Resource Person and provided a Lecture on “**Managerial Soft Skills for New Entrepreneurs**” in the Entrepreneurship Skill Development Programme for Mushroom Cultivation, sponsored by Ministry of Micro, Small and Medium Enterprises (MSME) through National Institute of MSME, New Delhi and organized by the Voluntary Association for People Service, Madurai, on 12, August, 2014.

59. Participated as a Resource Person (Chairperson of a technical session) in the National Seminar on “Productivity Enhancement Strategies” organized by TYCOONS, Department of Business Administration, The American College, Madurai on 10, October, 2014.
60. Participated as a Resource Person and provided a Lecture on “**Managerial Soft Skills for New Entrepreneurs**” in the Entrepreneurship Skill Development Programme for Beautician & Cosmetology sponsored Ministry of Micro, Small and Medium Enterprises (MSME)., New Delhi and organized by the Voluntary Association for People Service, Madurai, on 04, November, 2014.
61. Participated as a Resource Person (Chairperson) in the International Conference on Women Empowerment and Social Sciences- 2015 organised by the American College and International Multi-disciplinary Research Foundation, held at The American College during March 05-07, 2014.
62. Participated as a Resource Person and acted as a JUDGE in the Malcom and Elizabeth Adiseshiah Trust Competitions for the students of Economics, organized by the Arul Anadar College, Karumathur on 8th January 2015.
63. Participated as a Resource Person and provided a special lecture on “Application of Economic Principles in Health Sector’ in the UGC sponsored workshop on The Recent Developments in Economics, organized for the college teachers, by The Madura College, Madurai On 13th March 2015.
64. Participated as an External Examiner in the Selection Committee of the Jesuit Management, Arul Anandar College, Karumathur on 24th April 2015.
65. Participated as a Resource Person and gave the Inaugural address on “**Globalisation and Economic Reforms in India**”, in the Economics Association of Women’s Christian College, Nagercoil on 18th September 2015.
66. Participated as a Resource Person and provided a valedictory address in the UGC sponsored National Seminar on “**India’s Position in the Global Economy**”, organized by the Department of Economics & Centre for Research in Economics, The Madura College, Madurai on 30th September 2015.
67. Participated as a Resource Person and acted as a JUDGE in the Malcom and Elizabeth Adiseshiah Trust Competitions for the students of Economics, organized by the Arul Anadar College, Karumathur on 11th January 2016.

68. Participated as a Resource Person and delivered the Fifth Dr. John D.K. Sundarsingh Endowment Lecture on “**Modern Approach to Economics and Functioning of an Economy**” in the Scott Christian College, Nagercoil on 29th February 2016.
69. Participated as a Resource Person (Co-Chairperson of a technical session) in the ICSSR Sponsored National Seminar on “**Infrastructural Development & Environment – Issues and Challenges**”, organized by the Post-Graduate & Research Department of Economics, Ramakrishna Mission Vivekananda College, Mylapore, Chennai on 5th February 2016.
70. Participated as a Resource Person in the Consultation Meeting on ‘Policy Oriented Research’ organized at the Centre for Management Development, Thycaud, Thiruvananthapuram on 1st August 2016.
71. Participated as a Guest of Honour in the Skill Development Training Programme for Student organized by the JCI INDIA-Zone XVIII at the Koodakovil Nadar Higher Secondary School, Koodakovil on 3rd September 2016.
72. Participated as a Resource Person (External Member) to conduct the Academic Audit for the Department of Economics, PSGR Krishnanna College for Women, Peelamedu, Coimbatore on 27th September 2016.

Participation and Paper Presentation in Conferences / Seminars:

- (a) **International Conference. Sericulture Development in Kerala and Tamilnadu: Contrasts and Implications**" Paper presented in the International Conference on Kerala Studies, held at the AKG Centre for Research and Studies, Trivandrum during August 27 to 29, 1994 (jointly with R. Venketaravi).
 1. "**Sericulture Development in Kerala: Learning from Experience**" Paper presented in the International Conference on Kerala's Development Experience: National and Global Dimensions, held at, the AKG Centre for Research and Studies, Trivandrum during December 9 to 11, 1996 (jointly with Helen).
 2. “**Women Studies in Kerala - A Review**” Paper presented in the workshop of Country Research Programme (Vietnam-India-Bangladesh), Hanoi, Vietnam during November 23-26, 1998.
 3. “**Population Pressures and Land Use Changes in Southeast Asian Countries: Recent Evidence**” Paper presented in the 2002 IUSSP Regional Population Conference

- on South East Asia's Population in a Changing Asian Context' held at Bangkok, Thailand, 10-12 June 2002.
4. **"Globalisation and Challenges on Human Resources Utilisation in India"**, Paper presented in the International Seminar on Emerging Trends in Global Business: Challenges and Opportunities for Developing Countries, organized by the P.R.Institute of Management, Ponnaiyam Ramajayam College, Thanjavur during 6-7 February 2004.
 5. **"Global Crisis and Its Impact on Industrial Employment in India"**, Paper presented in the International Seminar on Impact of Global Financial Crisis in Indian Economy, organized by the Fathima College, Madurai on 22 January 2010.
 6. **"Industrial Development and Environmental Pollution in India"**, Paper presented in the International Seminar on Environmental Sustainability: Challenges & Strategies, organized by the Fathima College, Madurai on 17th and 18th February 2011.
 7. **"Environmental Sustainability in India: Status and Challenges"**, Paper presented in the International Seminar on Environmental Sustainability: Challenges & Strategies, organized by the Fathima College, Madurai on 17th and 18th February 2011.
 8. **'Digital Hospitals in India'**, Paper presented in the International Conference on 'Globalisation and Its Impact on Indian Economy' organized by Department of Management, Sri Vasavi College, Erode on 2nd January 2014.
 9. **'Technological Innovations in Health care Industry in India'**, Paper presented in the International Conference on 'Innovations in Research in the Field of Social Science' organized by Department of Management, Sri Vasavi College, Erode on 21st July 2015.

(b) National Level Conferences

1. **"Social Implications of the Commercialisation of Milk Production in India"** Paper presented in the XXII National Dairy Congress held at Trivandrum during August 29-31, 1988.
2. **"Self-Employment in Non-agricultural Enterprises: An Analysis Based on NSS Estimate"** Paper presented in the All-India Seminar on Rural Industrialisation, Self-Employment and Economic Development held at Tamil University, Thanjavur during January 24 and 25, 1989.
3. **"Optimum Feed Combinations for the Unorganised Dairy Enterprises"** Paper presented at the National Seminar on India's Livestock Economy, Sponsored by Indian

- Society of Agricultural Economics, held at the Centre for Development Studies, Trivandrum, 26-28 March, 1987.
4. **"Design and Performance of Federation Co-operatives: A Case of South Indian Federation of Fishermen Societies"** Paper presented in the symposium at IRMA, Anand on Management of Rural Cooperatives, 1992,
 5. **"Issues on Management of Commercial Seed Organisation"** Paper presented on the workshop on Scientific Management of Grainages, held at Hindupur on 1 & 2 October 1993.
 6. **"Health Security of Women: A Global Perspective"** Paper presented in the National Conference on Health and Development organised by the Department of Sociology and Development Studies, Annamalai University, Annamalainagar during 29th to 30th March 1996.
 7. **"Milk Production in Tamilnadu: Impact of Technology"** Paper presented in the VIII Annual Conference of the Agricultural Economics Research Association (AERA), National Center of Agricultural Economics and Policy Research, New Delhi held at Madras during December 28-29, 2000.
 8. **"Milk Production Technology and Its Impact on Dairying in Tamilnadu"** Paper presented in the workshop on "Documentation, Adoption and Impact of Livestock Technologies in India", organised by the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad in collaboration with Indian Council of Agricultural Research (ICAR) at Patancheru, Andhra Pradesh on 18th and 19th January 2001
 9. **"Impact of Globalisation on the Unorganised Labours in India"** Paper presented in the National Conference on Globalisation and Its Impact on Indian Economy organised by the Fatima Mata National College, Kollam, Kerala during September 18-19, 2001.
 10. **"Mechanisation of Agriculture in Tamilnadu: Recent Evidences"** Paper presented in the 84th Annual Conference of the Indian Economic Association, held at Vellore during December 28-30, 2001.
 11. **"Globalisation and Unorganised Labour Force In India"** Paper presented in the National Conference on Globalisation and its Impact on Indian Economy organized by the CMS College of Science and Commerce, Coimbatore during 20 and 21 January 2002.

12. **“Human Development – A Global Perspective”** Paper presented in the UGC sponsored National Conference on Human Resource Development, organized by the Lady Doak College, Madurai during 27th February –1st March, 2002.
13. **“Impact and Implications of Globalisation on Unorganised Labour Force in India: Recent Evidence”** Paper presented in the UGC sponsored Inter-Disciplinary National seminar on Socio-Economic Impact of Globalisation on Indian Economy organised by the Department of Economics and Sociology, Vimala College, Thrissur, Kerala on 28 & 29, August 2003.
14. **“Second Generation Reforms and Labour Market in India”** Paper presented in the UGC sponsored National seminar on Accelerating Growth Through Second Generation Reforms organised by the PG and Research Department of Economics, PSG College of Arts and Science, Coimbatore on 29 & 30, August 2003.
15. **“Reforms and Disequilibrium in Labour Market in India”** Paper presented in the ICSSR sponsored National seminar on Economic Reforms and Rural Labour Market organised by the Department of Rural Industries and Management, Gandhigram Rural Institute- Deemed University, Dindugal on. 30 & 31, October 2003.
16. **“Non-Agricultural Enterprises and Labour Market in India”** Paper presented in the ICAR sponsored National level seminar on Rural Non-Farm Sector and Its Role in Economic Development in Changing Scenario organised by the Agricultural Economics Research Association, New Delhi at Karikal, Pondicherry on 12&13, December 2003.
17. **“Economic Reforms and Employment in India”** Paper presented in the National seminar on Structural Reforms and Sectoral Development in India organised by the PG and Research Department of Economics, Erode Arts College, Erode on 24, December 2003.
18. **“Social Security for working Population in India”** Paper presented in the ICSSR sponsored Third Development Convention on “Social Security, Human Development and Growth Linkages and Disparities’, organized by the Centre for Development Studies, Trivandrum during 29-30 January 2004.
19. **“WTO and Dairy Development in India”**, presented in the UGC sponsored National Seminar on WTO Agreements: Implications on Indian Economy organized by the Holy Cross College, Nagercoil during 9th and 10th July 2004.
20. **“Determinants of Work Animal Density in Tamil Nadu: An Econometric Analysis”**, Paper presented in the 41st Annual Conference of the Indian Econometric Society, held at Jadavpur University, Kolhata during January 20-24, 2005.

21. **“Economic Reforms and Social Security for Unorganised Workers in India”** Paper presented in the UGC sponsored National Seminar on Economic Reforms and the Indian Labour Market organised by the Fatima Mata National College, Kollam, Kerala during August 11-12, 2006.
22. **“Bovine Economy of Tamil Nadu: Historical Trends and Contemporary Development Experience”** Paper presented in the ICSSR sponsored National Conference on “Indian Economy: Historical Roots and Contemporary Development Experience”, held at the Centre for Development Studies, Trivandrum on 31st March and 1st April 2007.
23. **“Prospects of Tourism Industry in the Globalised India”** paper presented in the National Conference on “Globalisation: Prospects and Problems” organised by the Sourashtra College, Madurai on 25th February 2008
24. **“Development of Women Education in India”**(Jointly with Sharmila N) paper presented in the UGC sponsored National Conference on “Service Sector Revolution- Issues and Challenges” organised by the Lady Doak College, Madurai on 20 & 21 August 2009
25. **“Trends in Health Status and Health Infrastructural Issues in India** paper presented in the UGC sponsored National Conference on “Service Sector Revolution- Issues and Challenges” organised by the Lady Doak College, Madurai on 20 & 21 August 2009
26. **“Global Crisis and Its Impact on Labour Market in India”** Paper presented in the UGC sponsored National Seminar on Global Financial Crisis and Its Impact on Indian Economy organised by the S.T.Hindu College, Nagercoil during 11-12 September, 2009.
27. **“Agriculture Crisis in India: The Root Cause and Consequences”** Paper presented in the UGC sponsored National Seminar on “Agricultural Crisis in Kerala in the New Era” organized by the Department of Economics, ST.Cyril’s College, Adoor, Kerala during 24th to 26th November 2009.
28. **“Performance of Indian Agriculture: Some Explanation for the Observed Trends”** Paper presented in Tamil Nadu State Council for Science and Technology sponsored National Seminar on ‘INDIA 2020’ organized by the Women’s Christian College, Chennai during 17th and 18th September 2010.

29. **“Social Inclusion and Measures for Unorganised Labourers in India”** Paper presented in the National Conference on **‘Inclusive Growth in India: An Emphasis on Financial and Social Inclusion’** organized by the Department of Management Studies, Women’s Christian College, Chennai during 7th and 8th October 2010.
30. **“Causes for Agricultural Crisis in India”**, Paper presented in the National seminar on **‘Global Economic Crisis and India’** organized by the Department of Economics, Mannar Thirumalai Naiker College, Madurai on 6th January 2012.
31. **“Technology and Health Care”**, Paper presented in the National seminar on **‘The Future of Health Insurance & IT’** organized by the Department of MBA (Hospital Administration) Meenakshi Mission Hospital College, Madurai on 31st March 2012.
32. **“Achieving Social Justice through Sustainable Development”**, Paper presented in the UGC sponsored National seminar on **‘Social Justice and Sustainable Development’** organized by the Department of Economics, The Madura College, Madurai on 22nd and 23rd January, 2013.
33. **“Marketing of Healthcare Services in India: Status and Challenges”**, Paper presented in the National seminar on **‘Emerging Trends in Marketing of Services in the Global Era’** organized by the Department of Business Administration, The American College, Madurai on 17th October 2013.
34. **Trends in Climate Change and Its Impact on Food Situation in India**, Paper presented in the ICSSR sponsored National Conference on **‘Climate Change, Environment and Agricultural Development’** organized by the Department of Environmental Economics, School of Economics, Madurai Kamaraj University, Madurai on 27-28, March 2014.
35. **Need for Productivity Enhancement Strategies for Raising Agricultural Production in India**, Paper presented in the National Seminar on **“Productivity Enhancement Strategies”** organized by TYCOONS, Department of Business Administration, The American College, Madurai on 10, October, 2014
36. **Trends in Sectoral Contribution and Performance of Tamil Nadu Economy**, paper presented in the Tenth All India Conference of KAAS, organized at the Women’s Christian College, Nagercoil on 18-19, September 2015.
37. **India’s Position in the Global Economy: An Overview** paper presented in the UGC sponsored National Seminar on, **“India’s Position in the Global Economy”** organized by the Department of Economics & Centre for Research in Economics, The Madura College, Madurai on 30th September 2015.

(c) State / Regional Level Conferences

1. **"Employment Generation in the Dairy Sector in Tamilnadu"** Paper presented in the seminar on Employment Situation in Tamilnadu, organised by State Planning Commission, Madras on 1st July 1994.
2. **"Development Status of Kanyakumari District: A Comparative Analysis with Other Districts of Tamilnadu"** Paper presented at the Annual Conference of the Tamilnadu Economists Association held at S.T.Hindu College, Nagercoil during 25-26 January 1997 (jointly with R.Anandaraj).
3. **"Growth Pattern of Industrial Economy in Coimbatore"** Paper presented in the Annual Conference of the Association of Economists of Tamilnadu and Pondicherry (AETP) held at CMS College, Coimbatore during 20-21 January 2001.
4. **"Changing Profile of Bovine Economy in Coimbatore District, Tamilnadu"** Paper presented in the Annual Conference of the Association of Economists of Tamilnadu and Pondicherry (AETP) held at CMS College, Coimbatore during 20-21 January 2001.
5. **"Globalisation and Its Impact on Agricultural Workers in India"** Paper presented in the Annual Conference of the Association of Economists of Tamilnadu (AET) held at Arulanadar College, Madurai during 15-16 December 2001.
6. **"Human Development – A Global Perspective"** Paper presented in the UGC sponsored state level seminar on Human Resource Development organised by the Department of Economics, Sri Sarada College for Women, Salem on 14th December 2002.
7. **"Trends in Mechanisation of Agriculture in Tamilnadu"** Paper presented in the State level seminar on Tamilnadu Economy since 1951: Problems and Prospects organised by the Layola Economics Association for Development at Layola College, Chennai on 31st January 2003.
8. **"WTO, Globalisation and their Impact on Indian Economy"**, Paper presented in the Annual Conference of the Association of Economists of Tamilnadu (AET) held at A.V.V.M.Sri Pushpanm College, Poondi during 14-15 January 2003.
9. **"Health Status and Health Issues in Tamilnadu"** Paper presented in the Annual Conference of the Association of Economists of Tamilnadu (AET) held at ST Hindu College, Tirunelveli during 24-25 January 2004.

10. **“Entrepreneurial Opportunities in Tourism Industry in India”** presented in the UGC Sponsored Regional Seminar on Entrepreneurial Opportunities for Graduates from Arts and Science Colleges organized by the PSG College of Arts and Science, Coimbatore during 3 & 4, September 2004.
11. **“Unorganised Labour Force in India during the Globalisation Era”** Paper presented in the State Level Seminar on Impact of Globalisation and Retaining Strategies for Labour and Employment, organized by the Gandhigram Rural Institute- Deemed University, Gandhigram during 15 February 2006.
12. **“Globalisation, Economic Reforms and Employment in India”**, Paper presented in the State Level Seminar on Impact of Migration organized by the Holy Cross College, Nagercoil during 17th December 2007.
13. **“Trends in Health and Nutrition in Tamil Nadu”** Paper presented in the 27th Annual Conference of the Association of Economists of Tamilnadu (AET) held at The American College, Madurai during 22-23 December 2007.
14. **“Impact of Global Financial Crisis on Employment Situation in India”**, Paper presented in the 29th Annual Conference of the Association of Economists of Tamilnadu (AET) held at National College, Trichy during 9 & 10 January 2010.
15. **“Features of Health Care Industry in India”**, Paper presented in the UGC sponsored seminar on Global Environmental Issues and Its Impact on Health in India organized by the Department of Economics, The Madura College, Madurai on 28th September, 2010.
16. **“MGNREGA: Features, Progress and Prospects”** Paper presented in the 31st Annual Conference of the Association of Economists of Tamil Nadu (AET) held at Aditanar College of Arts and Science, Tiruchendur during 8-9 January 2011.
17. **“Public Private Partnership in India: Relevance, Progress and Prospects”** Paper presented in the 32nd Annual Conference of the Association of Economists of Tamil Nadu, held at the Gobi Arts and Science College, Gobichettipalayam during 19-20, November, 2011.
18. **“Agriculture is No More the Backbone of Indian Economy”**, Paper presented in the State Level UGC sponsored seminar on Rationale for Second Green Revolution organized by Department of Economics, Arul Anandar College, Madurail on 24th January 2012.
19. **“Rural Poverty and Agricultural Development in Tamil Nadu”** in the 33rd Annual Conference of the Association of Economists of Tamil Nadu, held at Periyar University, Salem on 27-28, October, 2012.

20. **“Development of Women Education in India: Trends and Concerns”** Paper presented in the 34th Annual Conference of the Association of Economists of Tamil Nadu, held at the VIT University, Vellore during 14-15, December, 2013.
21. **“Performance of Tamil Nadu Economy: A Sectoral Analysis”** Paper presented in the 35th Annual Conference of the Association of Economists of Tamil Nadu, held at the Vivekanada College, Agastheeswaram, Kanyakumari during 1-2, November, 2014.
22. **“Functioning of an Economy and the Role of Information in Economic Decisions”** Paper presented in the 36th Annual Conference of the Association of Economists of Tamil Nadu, held at the Kandaswami Kandar’s College, Velur, Namakkal during 28-29, November, 2015.

Publications:

Book	- 1
Research Articles in Journals/ News Papers	- 17
Research Articles in Edited Books	- 22
Research Papers on the Web	- 9
Working Papers / Discussion Papers	- 4
Reports/ Monograph:	- 7

Book:

Bovine Economy of India: Conceptual Analysis and Empirical Evidence, Serials Publications, New Delhi (ISBN: 978-81-8387-194-5), 2010.

Research Articles in Journals:

1. **“Systems Analysis of Dairy Development in Kerala** in People and Development No.5, p.8-12, June - July 1992.
2. **“Technical Staff in the Development of Sericulture Department”** in TNSTA Special Issue, p.24-27, 1994.
3. **“Prospects of Sericulture Industry in Tamil Nadu by 2001”** Indian Silk, p.6-9, 1995.
4. **”Technological Changes in the Dairy Economy of Tamilnadu”** Arul Anandar Journal of Economics, Vol.8, p.47-57, 2000.
5. **“Changing Profile of Bovine Economy in Coimbatore District, Tamilnadu”**, Published in Peninsular Economist, Vol.13, No.1.p.281-281, 2001.
6. **“Growth Pattern of Industrial Economy in Coimbatore”**, Published in Peninsular Economist, Vol.13, No.1, p.290-298, 2001.

7. **Trends and Sources of Growth of Milk Production**” Published in Southern Economist, Vol.40, Nos.15&16, p.13-16, 2001 (ISBN: 0038-4046).
8. **“Globalisation and Its Impact on Agricultural Workers in India”**, Published in Peninsular Economist, Vol.14, No.1, p.117-124, 2002.
9. **”Globalisation and Unorganised Labour Force in India”**, Published in Arul Anandar Journal of Economics, Vol.10, p.27-35, 2002.
10. **"Milk Production Technology and Its Impact: Evidence from Tamilnadu"** Agricultural Economics Research Review’, Conference Proceedings, Journal of Agricultural Economics Research Association, NCAEPR, New Delhi, 2002 (ISSN: 0971-3441)
11. **"Non-Agricultural Enterprises and Labour Market in India”**, Agricultural Economics Research Review, Journal of Agricultural Economics Research Association, NCAEPR, New Delhi, 2003 (ISSN: 0971-3441).
12. **“Impact of Global Financial Crisis on Employment Situation in India”**, Published in Peninsular Economist, Vol.22, No.2, p.220-228, 2009-10 (ISSN:0976-8270).
13. **“Global Crisis and Its Impact on Labour Market in India”** Published in The Hindecon, Journal of the Hindecon Research Centre, ST Hindu College, Nagercoil, Vol.18, p.100-102 (ISSN:0975-5802).
14. **"MGNREGA: Features, Progress and Prospects”**, Published in Peninsular Economist, Vol.23, No.2, p.164-168, 2010-11 (ISSN:0976-8270).
15. **“A Good First Step, But Checks Needed”**, an Interview Article published in Hindustan Times, Story Page, Mumbai Edition on 09-04-2013.
16. **“Structural and Functional Dynamism in the Bovine Economy of Tamil Nadu”**, Published in Peninsular Economist, Vol.25, No.1, 2012-13 (ISSN:0976-8270).
17. **“Rural Poverty and Agricultural Development in Tamil Nadu”**, Published in Peninsular Economist, Vol.25, No.2, p.149-151, 2012-13 (ISSN:0976-8270).

Research Articles in Edited Books:

1. **"Cattle Breeding Technology and Draught Power Availability in Indian Agriculture: An Unresolved Contradiction"** (jointly with K.N.Nair) Published by the Indian Society of Agricultural Economics in Livestock Economy of India, Oxford and IBH. Publishing Co. Pvt. Ltd., New Delhi, p.13-44, 1990 (ISBN: 81-204-0430-0).
2. **"Changes in Draught Animal Population and Its Effect on the Composition on the Bovine Stock in Tamil Nadu"** Published by the Indian Society of Agricultural

Economics in Livestock Economy of India, Oxford and IBH. Publishing Co. Pvt. Ltd., New Delhi, p.45-60, 1990 (ISBN: 81-204-0430-0).

3. "**Cattle Breeding Technology and Draught Power Availability: An Unresolved Contradiction**" (jointly with K.N.Nair) Published in Resources, Institutions and Strategies: Operation Flood and Indian Dairying edited by Martin Doornbos and K.N.Nair, (under Indo-Dutch Programme on Alternatives and Development, Institute of Social Studies, Netherlands) Sage Publications, New Delhi, p.159-183, 1990 (ISBN: 0-8039-9648-0 US & 81-7036-192-3 India).
4. "**Structure of Milk Production in Tamil Nadu: An Analysis of Trends and Sources of Growth**" Published in Resources, Institutions and Strategies: Operation Flood and Indian Dairying edited by Martin Doornbos and K.N.Nair, (under Indo-Dutch Programme on Alternatives and Development, Institute of Social Studies, Netherlands) Sage Publications, New Delhi, p.196-226, 1990 (ISBN: 0-8039-9648-0 US & 81-7036-192-3 India).
5. "**Agricultural Change in Tamil Nadu: 1918-1955**" (jointly with K.N.Nair), Published The South Indian Economy: Agrarian Change, Industrial Structure and State Policy c.1914-1947, edited by Sabyasachi Bhattacharya, Sumit Guha, Raman Mahadevan, Sakti Padhi, Rajasekhar D and G.N.Rao Oxford University Press, New Delhi, p.120-158, 1991 (ISBN: 9780195626421 and ISBN-10: 0195626427)
- 6.. "**Livestock Statistics in India**" (jointly with K.N.Nair), in India's Socio-Economic Database, (Eds.) C.P.Chandrasekhar, and Jandhyala B.G.Tilak, published by the Indian Council of Social Science Research, New Delhi, p.185-200, 2001 (ISBN: 81-85229-42-2).
7. "**Milk Production Technology and Its Impact: Evidence from Tamilnadu**" Published in Livestock in Different Farming Systems in India, edited by BIRTHAL, Kumar and Tiwari, Agricultural Economics Research Review, Agricultural Economics Research Association, NCAEPR, New Delhi, p.36-47, 2002 (ISBN: 81-87319-11-9).
8. "**Milk Production Technology and Its Impact on Dairying in Tamilnadu**" Published in Technology Options for Sustainable Livestock Production in India edited by Pratap S.Birthal and P.Parthasarathy Rao, National Centre for Agricultural Economics and Policy Research, International Crops Research Institute for the Semi Arid Tropics and International Livestock Research Institute, p.58-68, 2002 (ISBN: 92-9066-444-4)

9. **“Trends in Mechanization of Agriculture in Tamil Nadu”**, published in Tamilnadu Economy since 1991: Problems and Prospects, Layola Economics Association for Development, Layola College, Chennai, p.3-6, 2003.
10. **“Human Rights of Women in India”** published in Women’s Perspectives Volume-2, edited by Aroma G.Sam, Angayarkanni E, Suseela M, Parvathy M and K.Thilagavathi, Mahalir Pathipagam, Thanjavur Tamil University, Thanjavur, p.301-313, 2004.
11. **“Reforms and Disequilibrium in Labour Market in India”** published in Rural Labour Market, edited by M.Soundarapandian, Serials Publications, New Delhi p.61-76, 2005 (ISBN:81-86771-67-0).
12. **“Globalisation, Economic Reforms and Unorganised Labour Force in India”** published in World Trade Organisation and Indian Economic Reforms, edited by V.B.Juglae, Serials Publications, New Delhi, p.792-810, 2005 (ISBN: 81-86771-79-4).
13. **“Non-Agricultural Enterprises in India: Its Implications”** published in Indias’s Economic Development, edited by Falendra K.Sudan, Serials Publications, New Delhi, p.39-47, 2006 (ISBN: 81-8387-043-0).
14. **“Unorganised Labour Force in India during the Globalisation Era”**, in Impact of Globalisation and Retaining Strategies for Labour and Employment, edited by A.Balakrishnan, Kalpaz Publications, New Delhi, p.81-91, 2007 (ISBN:81-7835-602-3).
15. **“Performance of Indian Agriculture: Some Explanation for the Observed Trends”** published in India 2020, edited by Suja S, Lillan Jasper, Catherine B S and Jayanthi Richard, Excel India Publishers, New Delhi, p.47-56, 2010 (ISBN: 978-93-80697-13-0).
- 16 **“Social Inclusion and Measures for Unorganised Labourers in India”** published in Inclusive Growth in India: An Emphasis on Financial and Social Inclusion, edited by Catherine B.S., Anitha Rajendran and C.U.Geetha, , Excel India Publishers, New Delhi, 2010 (ISBN: 978-93-80697-21-5).
- 17 **“Digital Hospitals in India: The Next Revolution in Health Care Industry”** published in Globalisation and Its Impact on Indian Economy, edited by Kalaimani G, Mithila Publications, Erode, 2014 (ISBN: 978-93-80506-06-7).
18. **“Technological Innovations in Healthcare Industry in India”** published in Innovations in Research in the Field of Social Science, edited by Kalaimani G, Mithila Publications, Erode, 2015 (ISBN: 978-93-80506-12-8), pp45-49.
- 19 **“Trends in Sectoral Contribution and Performance of Tamil Nadu Economy”**, published in the Proceedings of the Kanyakumari Academy of Arts and Sciences,

Collected Papers: Tenth All India Conference of KAAS, Vol.II, Social Sciences, KAAS Publication Division, Nagercoil 2015 (ISBN: 978-93-81658-13-0), pp.E47-49.

- 20 **“India’s Position in the Global Economy: An Overview”** published in India in the Global Economy, edited by Theenathayalan S and S.Karthikeyan, Veral Publications, India, 2015 (ISBN: 978-93-85109-34-8).pp11-16.
21. **“Trends in Climate Change and Its Impact on Food Situation in India”** published in Climate Change, Environment and Agricultural Development, edited by Muthulakshmi R and K.Sadasivam, Veral Publications, India, 2015 (ISBN: 978-93-85109-56-0).pp161-169.
22. **“Exhibition As An Innovation in Teaching and Research: A Learning Format Designed to Enhance Awareness and Self Learning Skills”**, the Sovenier, Daniel Poor Memorial Library, The American College, Madurai, 2016, pp82-84.

Research Papers on the Web:

1. **“Social Security for Unorganised Workers in India”**, MPRA working Paper No. 9247, http://mpra.ub.uni_muenchen.de/9247/, Munich Personal RePEc Archive, 2008.
2. **“Trends in Health Status and Health Infrastructural Support in Tamil Nadu”**, MPRA working Paper No.9518, http://mpra.ub.uni_muenchen.de/9518/, Munich Personal RePEc Archive, 2008.
3. **“Population Pressure and Land Use Changes in Southeast Asian Countries: Recent Evidence”**, MPRA working Paper No.9570, http://mpra.ub.uni_muenchen.de/9570/, Munich Personal RePEc Archive, 2008.
4. **“Determinants of Work Animal Density in Tamil Nadu: An Econometric Analysis”**, MPRA working Paper No.9589, http://mpra.ub.uni_muenchen.de/9589/, Munich Personal RePEc Archive, 2008.
5. **“Impact of Globalisation and Economic Reforms on Employment in India”**, MPRA working Paper No.9597, http://mpra.ub.uni_muenchen.de/9597/, Munich Personal RePEc Archive, 2008.
6. **“Agriculture Crisis in India: The Root Cause and Consequences”**, MPRA working Paper No.18930, http://mpra.ub.uni_muenchen.de/18930/, Munich Personal RePEc Archive, 2009.
7. **“Development of Women Education in India”**, MPRA Working Paper No: 20680, http://mpra.ub.uni_muenchen.de/20680/, Munich Personal RePEc Archive, 2010.

8. **“Social Implications of Neo – Imperialism in India”**, MPRA Working Paper No: 20740, http://mpra.ub.uni_muenchen.de/20680/, Munich Personal RePEc Archive, 2010.
9. **“Rural Poverty and Agricultural Development in Tamil Nadu”**, MPRA Working Paper No: 42347, <http://mpra.ub.uni-muenchen.de/42347> Munich Personal RePEc Archive, 2012.

Working Papers / Discussion Papers

1. **"Structural Changes in Landholding in India: A Study Based on NSS Data"**, (jointly with K.N.Nair and K.Navaneetham), Working Paper No.237, Centre for Development Studies, Trivandrum, 1990.
2. **"Structural Changes in Landholding and Agricultural Development in India"**, (jointly with K.N.Nair and K.Navaneetham), Occasional Papers and Reprints, IDPAD 1990-4, Indo-Dutch Programme on Alternatives in Development, The Netherlands, 1990.
3. **“Regional Disparities in Development in Kerala”** Discussion Paper No:1, Kerala Research Programme on Local Level Development, Centre for Development Studies, Trivandrum, 1998 (Jointly with K.N.Nair, R.Anandaraj and R.Sanjith).
4. **“Rising Milk Price – A Cause for Concern on Food Security”**, Working Paper No.472, Indian Institute of Management, Bangalore, 2014 (jointly with S Rajeshwaran and Gopal Naik)

Reports/ Monograph:

1. **"Evaluation of the Centrally Sponsored Soil Conservation Programme in the Catchment of Kundah River Valley Project** (Research project sponsored by the Ministry of Agriculture, Government of India), Centre for Management Development, 1992 (Jointly with C.Gopinath and K.Padmakumar).
2. **"Evaluation of the Centrally Sponsored Soil Conservation Programme in the Catchment of Lower Bhavani River Valley Project** (Research project sponsored by the Ministry of Agriculture, Government of India), Centre for Management Development, 1992 (Jointly with C.Gopinath and K.Padmakumar).
3. **"Socio-Economic Survey of Sericulturists in Tamilnadu”** (Research project sponsored by the Central Silk Board, Government of India), Centre for Management Development, April 1995 (Jointly with R.S.Murali, Suresh and Venkataravi).

4. **"Socio-Economic Survey of Sericulturists in Kerala"** (Research project sponsored by the Central Silk Board, Government of India), Centre for Management Development, October 1995 (Jointly with R.S.Murali, Suresh and Venkataravi).
5. **"Development Status of Districts: Kerala"** study report sponsored by the Royal Netherlands Embassy, undertaken by the Kerala Research Programme on Local Level Development, Centre for Development Studies, Trivandrum, 1997 (Jointly with K.N.Nair, R.Anandaraj, and R.Sanjith).
6. **"Awareness of Physically Challenged People and Opinion Survey on Labels, Leaflets, Pamphlets, Posters and Stickers in Ramanathapuram District, Tamil Nadu"** (Research project funded by: Leprosy Mission (TLM) Trust India, 2005 (Jointly with Dr.T.Arul Pragasam)
7. **"E-Teaching Materials on Health Economics"**, Centre for Development Studies, Kerala, 2015.

Membership in Professional Bodies / Committees:

Member of Board of Studies (Economics)

- Manonmaniam Sundaranar University, Tirunelveli.(3 years from 01-04-'05).
- Avinashilingam Institute for Home Science and Higher Education for Women – Deemed University, Coimbatore (2 years from 01-02-2006).
- Scott Christian College (Autonomous), Nagercoil (2 years from June 2005).
- Sri Meenakshi Government Arts College for Women (Autonomous), Madurai (2 years from 01-01-2007).
- Holy Cross College (Autonomous), Nagercoil (2 years from June 2007).
- Sourarashtra College, Madurai (2 years from 2014).
- PSGR Krishnammal College for Women (Autonomous), Coimbatore (2 years from 2015-16).
- The American College (Autonomous), Madurai (from 2001)

Member of Board of Examinations (Question Paper setting and Valuation)

- Madurai Kamaraj University, Madurai.
- Pondicherry University, Pondicherry,
- Manonmaniam Sundaranar University, Tirunelveli.
- Bharathidasan University, Trichy.

- Madras University, Chennai.
- University of Hyderabad, Hyderabad.
- Avinashilingam Institute for Home Science and Higher Education for Women Deemed University, Coimbatore.
- Gandhigram Rural Institute - Deemed University, Dhindugal
- P.S.G. College of Arts and Science, (Autonomous) Coimbatore.
- Ayya Nadar Janaki Ammal College, (Autonomous), Sivakasi.
- Lady Doak College(Autonomou), Madurai.
- Fatima College, Madurai.
- Madras Christian College, Chennai.
- Scott Christian College (Autonomous), Nagercoil.
- Arulandar College(Autonomous), Madurai.

Life Member of Professional & Academic Bodies

- Indian Society of Agricultural Economics, Mumbai
- The Association of Economists of Tamil Nadu, Trichy
- Indian Society for Probability and Statistics, Trivandrum and
- Agricultural Economics Research Association, New Delhi.
- All India Association of Christian Higher Education, New Delhi.

Positions in Professional Bodies:

Member, Task Force Committee on Sericulture Industry, **State Planning Board, Kerala**,
(1996)

Executive Committee Member: Association of Economists of Tamil Nadu (2010-12)

Member, Doctoral Committee for the Ph.D Programme, The Gandhigram Rural Institute-
Deemed University, Doindigul, Tamil Nadu

Organisation of Programmes:

- Organised 24 training programmes and 5 workshops for the Officials of the Department of Sericulture, Tamil Nadu as part of the Organisation Development Project.
- Organised workshops, study circles, seminars and training for the researchers under Kerala Research Programme on Local Level Development.

- Organised a two-day **Achievement, Actuating Training Programme** at an inter-collegiate level during March 2003.
- Coordinated an international camp (Global Village) during February 2005 as a Vice-President of the Habitat for Humanity- International, Madurai Branch.
- Organised special camps (Ten days), field visits, medical camps, blood-donation camps, group-discussion and trekking under NSS.
- Organised inter departmental and inter-collegiate competitions, seminars, workshops, exhibitions, field visits and study tours as a President of the Economics Association.
- Organised campus interviews for students of UG, PG.
- Organised an Inter-Collegiate Workshop on "Information Rain and Digital Gain" under the auspicious of P.G. Economics Association of The American College on 18-02-2011.

OD/ HRD Training Conducted:

- As a Project Officer of the **Tamil Nadu Sericulture OD project** sponsored by the **Swiss Development Cooperation**, organized **24 training programmes and 5 workshops** for the officials of the Department of Sericulture Tamil Nadu covering Technical Assistants, Inspectors, Assistant Directors, Regional Directors, Joint Directors and Director.
- As a Resource Person, handled a session on '**Inter Personal Skills**' in the **HRD-OD training programmes** numbering **twenty two**, conducted by **LIC of India**, Madurai Division during September-October 2009, covering more than **1000 LIC Officials** of various cadres up to the Divisional Manager.
- As a Resource Person, conducted a training programme on '**People Management Skills**' for the managerial level executives of **THOMAS COOK, Mumbai** held at Chennai during 23rd and 24th July, 2010.

International Visits:

- Visited **Hanoi, Vietnam** to present a paper in the workshop of Country Research Programme (Vietnam-India-Bangladesh), during November 23-26, 1998.
- Visited **Bangkok, Thailand** to present a paper in the IUSSP Regional Population Conference during 10-12 June 2002.