

GENERAL INFORMATION

Name	Dr. M. KIRITHIGA	
Educational Qualification	M.Sc., M.Phil., Ph.D., DCA	
Designation	Guest Lecturer, Department of Geography, M.V. Muthiah Government Arts College for Women, Dindigul.	
E.Mail	kirithigamku@gmail.com	
Mobile number	9159513172	
Mode of Appointment	2008, Guest Lecturer	
Teaching Experience	11 years (UG, PG Research Experience)	
Area of Specialization	Water Resources and Spatial Information Technology	

ACADEMIC QUALIFICATION

Degree	Board / University	Subject	Year
UG	Madurai Kamaraj University, Madurai.	Geography	2002
PG	Mother Teresa Women's University, Kodikanal.	Geography	2006
M.Phil.	Madurai Kamaraj University, Madurai	Geography	2007
Ph.D.	Madurai Kamaraj University, Madurai	Geography	2016

RESEARCH EXPERIENCE

Research Stage	Title of the Thesis/Work	University Where the Work was Carried Out
M.Phil	Geographical Analysis of Spatio-Temporal Variation in Land Use and Urban Land Tax in Dindigul City	Madurai Kamaraj University, Madurai
Ph.D	Evaluation of Land and Water Resources for Sustainable Land Use Planning of Vaippar River Basin Using Spatial Information Technology	Madurai Kamaraj University, Madurai

RESEARCH GUIDANCE

Name of the Degree	Degree Awarded	Guiding at Present
M.Sc	21	-

TEACHING EXPERIENCE

Course/Classes Taught	Name of the Institution	Duration		Y.M.D
		From	To	
UG and PG	M.V. Muthiah Govrt Arts College Dindigul	2008	At present	11 years

PUBLICATION ON INTERNATIONAL/NATIONAL JOURNAL

1. Published a research paper entitled ***“Spatio - Temporal Analysis of Rainfall Distribution in Vaippar River Basin, Tamilnadu - A GIS Approach”*** in Paper Published in the Indian Geographical Journal, The Indian Geographical Society, University of Madras, Tamil Nadu, Volume 91 (1), 2016, ISSN 0019-4824, pp 67-74.

2. Published a research paper entitled **“Assessment of Medium Town Characteristics in Kambam, Theni District, Tamil Nadu – A Geospatial Analysis”** in *Indian Cartographer, Journal of the Indian National Cartographic Association, Volume 35, 2015, ISSN: 0972-8392, pp 78 – 84.*
3. Published a research paper entitled **“Identification of Landuse Types in Uppu Odai Subwatershed of Vaippar Basin, Using GIS”** Paper Published in *MVM Journal of Research, M.V.Muthiah Government Arts College for Women, Dindigul, Volume II, April 2015, ISSN: 2395-2962, pp 158 – 166.*

PUBLICATION ON NATIONAL CONFERENCE / SEMINARS

1. Paper entitled **“Land Use and Morphometric Analysis of Deviar - Nagariar Sub Watershed, Vaippar Basin – A Geospatial Approach”**, UGC Sponsored National Seminar on Geospatial Technology Development in Natural Resource and Disaster Management by Allied Publishers as Conference, Organized By Center for Geo Technology, Manonmaniam Sundarnar University, Tirunelveli, Feb 2012, Pp:128-135, ISBN Number – 978-1-4675-1870-3, pp. 50-56.
2. Paper entitled **“Spatial Analysis of Land Use Pattern in Vaippar River Basin, Tamil Nadu”**, published by Shanlax Publication, 2015, Madurai, ISBN No. 978-93-80686-30-5, pp. 131-136.
3. Paper entitled **“Land Use Land Cover Classification in IRS LISS III Image Using Remote Sensing and GIS Techniques: A Case Study in Lower Vaippar Sub Basin, Tamilnadu”**, published by Shanlax Publication, 2015, Madurai, ISBN No. 978-93-80686-30-5, pp. 286-291.
4. Paper entitled **“Geographical Analysis of Functional Characteristics of Urban Centres in Theni district, Tamil Nadu”**, National Seminar on Geospatial Technologies for Resource Evaluation and Management, Jayalakshmi Publications, Vasanthanagar, Madurai, Dec 2015, Pp:432-436, ISBN: 978-93-84193-36-2, pp. 600-604.

PROCEEDINGS PUBLICATION ON NATIONAL CONFERENCE / SEMINARS

1. Paper entitled ***“Sustainable Land Use in Arjuna Nadi Sub Watershed of Vaippar Basin Using GIS”***, National Seminar on “Emerging Frontiers in Geomatic Applications (EMFROG2011)” organized by UGC, UPE Project & UGC-SAP-DRS Phase I, School of Earth and Atmospheric Science, Madurai Kamaraj University, Madurai, Mar 2011.
2. Paper entitled ***“Sustainable Land Use Planning at Kalingalar – Niksheba Nadi Sub Watershed of Vaippar Basin Using GIS”***, National Seminar on “Geospatial Technology for Resource Evaluation and Management (GEOTERM 2012)” organized by UGC, UPE Project, UGC-SAP-DRS Phase I & DST- Purse, School of Earth and Atmospheric Science, Madurai Kamaraj University, Madurai, Feb 201.

PAPER PRESENTED ON INTERNATIONAL CONFERENCE / SEMINARS

1. Presented a paper on ***“Geographical Analysis of Land Use Classification in Kayalkudiar Sub Watershed of Vaippar Basin, Tamil Nadu Using GIS”*** Karnataka state Remote Sensing Applications Centre (KSRAAC), J. N.Tata Auditorium, Indian Institute of Science, Bangalore, 18th to 19th January, 2012
2. Presented a paper on ***“Identification of Land Use Types in Uppu Odai Sub Watershed of Vaippar Basin, Using GIS”*** Department of Geography, Sri Venkateswara University, Tirupati, 21st & 22nd September, 2012.
3. Presented a paper on ***“Spatio – Temporal Analysis of Rainfall Distribution in Vaippar River Basin, Tamil Nadu – A GIS Approach”*** organized by Department of Geography, Andhra University, Visakhapatnam, India, and International Conference on Climate Change: Present Concerns from 23-24 June, 2013.
4. Presented a paper on ***“Geographical Analysis of Occupational Pattern of SC/ST Population in Theni District, Tamil Nadu”*** Department of Geography, University College, Mangalore, 16th & 17th February, 2016
5. Presented a paper on ***“Groundwater Resource Analysis Using Statistical Techniques – A Case of Vaippar River, Tamil Nadu”*** Department of Geology and

Department of Environmental Sciences, University of Kerala, Thiruvananthapuram, 15th & 17th March, 2018.

6. *Presented a paper on “**Location Based Selected Service Facilities in Theni District, Tamil Nadu – A GIS Approach**”, INCA and ISRO at Hyderabad 29th & 31st October, 2018.*

PAPER PRESENTED ON NATIONAL / STATE LEVEL CONFERENCE / SEMINARS

1. *Presented a paper on “**Sustainable Land Use in Arjuna Nadi Sub Watershed of Vaippar Basin Using GIS**” organized by Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 21st & 22nd March, 2011.*
2. *Presented a paper on “**Sustainable Land Use Planning at Kalingalar – Niksheba Nadi Sub Watershed of Vaippar Basin Using GIS**” organized by Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 17th & 18th February, 2012.*
3. *Presented a paper on “**Land Use and Morphometric Analysis of Deviar - Nagariar Sub Watershed, Vaippar Basin – A Geospatial Approach**” Centre for Geotechnology, Manonmaniam Sundaranar University, Turunelveli, 23rd & 24th February, 2012*
4. *Presented a paper on “**Spatial Analysis of Rainfall Variation in Vaippar Basin, Tamil Nadu Using GIS**”, P.G. and Research Dept. of Geography Government Arts College (Autonomous) Coimbatore, 21st and 22nd March, 2012.*
5. *Presented a paper on “**Spatial Analysis of Land Use Pattern in Vaippar River Basin, Tamil Nadu**” organized by Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 19th & 20th February, 2015.*

6. Presented a paper on ***“Land Use Land Cover Classification in IRS LISS III Image Using Remote Sensing and GIS Techniques: A Case Study In Lower Vaippar Sub Basin, Tamilnadu”***, in the National Seminar on Land Use / Land Cover Change and its Impacts: Spatial Challenges and Geospatial Technologies conducted by the Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamaraj University, during February, 19 – 20, 2015.
7. Presented a paper on ***“Geographical Analysis of Functional Characteristics of Urban Centres in Theni district, Tamil Nadu”*** organized by Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 13th & 14th August, 2015.
8. Presented a paper on ***“A Spatio – Temporal Analysis of Urban Population Characteristics in Dindigul District, Tamil nadu Using GIS”***, PG and Research Department of Economics, M.V.Muthiah Govt. Arts College for Women, Dindigul, 27th February, 2018.

TRAINING PROGRAMME / WORKSHOP ATTENDED

1. Attended a Six weeks EDUSAT Based Training Course on ***“Remote Sensing, Geographical Information System and Global Positioning System”*** conducted by Indian Institute of Remote Sensing (IIRS), Dehra Dun under “Off Campus Outreach Certificate Program” Department of ERAC, School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai, held from 29th January to 09th April, 2007.
2. The Two day Regional Workshop on ***“Research Methodology and Application of SPSS”*** Sponsored by CER Madurai Kamaraj University, Madurai, held from 29th to 30th 2010.
3. Training course on ***“Path to Excellence”*** organized by the Department of Computer Science, by the Counseling Cell of M. V. Muthiah Govt Arts College for (W) Dindigul, 2013, M. V. Muthiah Govt Arts College for (W) Dindigul, 18.10.2013.

4. Participated in the National Level Workshop on **"Data Analysis Using SPSS"**, organized by Department of Statistics, Dr. Ambedkar Government Arts College, Vyasarpadi, Chennai on 08.07.2021

NATIONAL / STATE LEVEL CONFERENCE / SEMINARS PARTICIPATED

1. The National Seminar on **"Geoinformatics for River basin Studies"**, Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, during 3rd & 4th March, 2012.
2. Participated in the **"Quality Metrics in Higher Education"** conducted by the Internal Quality Assurance Cell of M. V. Muthiah Govt Arts College for (W) Dindigul. M.V.Muthiah Govt Arts College for (W) Dindigul, 20th September 2014.
3. The State Level Seminar on **"Competency in Teaching and Learning"** P.G. and Research Dept. of English M.V.Muthiah Government Arts College (W) Dindigul during 7th March, 2015.
4. The State Level Seminar on **"Disaster Management Using Remote Sensing and GIS"** (GSSDRS - 2016) P.G. and Research Dept. of Geography M.V.Muthiah Government Arts College (W) Dindigul during 21st March, 2016.
5. The State Level Seminar on **"Statistical Analysis in Social Science Research Using Open-Source Statistical Software"**, Central Library of M.V.Muthiah Govt Arts College, 24.10.2017
6. The Seminar on **"Recent Trends in Historical Research"**, PG & Research Department of History, M.V.Muthiah Govt Arts College, 18.12.2017.
7. National Seminar on **"Current Issues and Challenges of Indian Economy"**, PG and Research Department of Economics, M.V.Muthiah Govt. Arts College for Women, Dindigul, 27th February, 2018
8. The National Seminar on **"Change Detection in Climate, Land use and Land Cover using Remote Sensing and GIS"** P.G. and Research Dept. of Geography M.V.Muthiah Government Arts College (W) Dindigul during 20th February 2019.

9. *The State Level Seminar on “Intellectual Property Rights” Internal Quality Assurance Cell, M.V.Muthiah Government Arts College (W) Dindigul during 9th March 2019.*
10. *The National Seminar on “Pedagogical tools in Higher Education” IQAC, M.V.Muthiah Government Arts College (W) Dindigul during 30th and 31st January 2020.*
11. *National Seminar on “Geo spatial & Nano Technology for Electronic Waste Collection, Disposal and Management Strategy for Sustainable Development”, PG and Research Department of Geography, Govt Arts College, (Autonomous) Salem, 07.02.2020.*
12. *The National Seminar on “Development and Implementation of Environment and Land Use Planning – by Using Remote Sensing and GIS” P.G. and Research Dept. of Geography M.V.Muthiah Government Arts College (W) Dindigul during 15th February 2020.*
13. *National Level Seminar on “Development and Implementation of Environment and Land Use Planning – by using Remote Sensing and GIS”, PG and Research Department of Geography, M.V.Muthiah Govt Arts College, Dindigul, 15.02.2020*
14. *The National Seminar on “Environmental Administration” PG and Research Department of Geography, Govt Arts College, (Autonomous) Salem, 06.09.2020*
15. *The State level webinar on “Disaster Mitigation and Measurement” PG and Research Department of Geography, Govt Arts College, (Autonomous) Salem, 14.07.2020*
16. *The National Seminar on “International Day for Disaster Risk Reduction”, Central University of Technology, Thiruvavur, Tamilnadu, 13.10.2020*
17. *Participated in the webinar session on “Communication and Soft Skills” organized by Vijay Institute of Management, Dindigul on 8th April 2021.*
18. *Participated in the webinar on “COVID-19 Awareness Programme” organized by the Department of English in association with Internal Quality Assurance Cell of M. V. Muthiah Government Arts College for Women, Dindigul on 12th May, 2021.*

19. Participated in a One-Day Webinar on **"Diet for Healthy Living"** organized by the PG Department of History in association with Internal Quality Assurance Cell of M. V. Muthiah Government Arts College for Women, Dindigul on 17th May 2021.
20. Participated in the Webinar on health campaign of **"Holistic Healing Health Care,"** Organized by youth Red Cross (YRC), Bharathi Womens College held on 17th May 2021.
21. Participated in a One- Day Webinar on **"Constitutional Values"** organized by PG Department of History in association with Internal Quality Assurance Cell of M. V. Muthiah Government Arts College for Women, Dindigul on 18th May 2021.
22. Participated in A One -Day Webinar on **"Tools For Effective Communication"** organized by Department of English in association with Internal Quality Assurance Cell of M. V. Muthiah Government Arts College for Women, Dindigul on 18th May, 2021
23. Participated in A One-Day Webinar on **"Ethics of Communication"** organized by Department of English in association with Internal Quality Assurance Cell of M. V. Muthiah Government Arts College for Women, Dindigul on 19th May, 2021.
24. Participated in the one day International Webinar on **"Environmental Science"** organized by the PG Department of History and Internal Quality Assurance Cell of M. V. Muthiah Government Arts College for Women, Dindigul on 20th May, 2021, on account of IQAC quality initiatives 2020-2021.
25. Participated in the webinar titled **"Ecosystem : The Circle of Life"** organized by the Department of Botany and Internal Quality Assurance Cell (IQAC) of M. V. Muthiah Government Arts College for Women, Dindigul on 21st May, 2021.
26. Participated in the webinar on **"Geospatial technology for LULC and biodiversity studies"** Organized by TERI School of Advanced Studies New Delhi, On 21st of May, 2021
27. Participated in the webinar titled **"Nattar Vazhakkattriyal Vagaimaigalum Kala Aayuv Muraigalum"** organized by the Department of Tamil of M. V. Muthiah Government Arts College for Women, Dindigul on 21st May, 2021.

28. Participated in a One-Day Webinar on **“Blood Donation, Organ Donation & AIDS Awareness”** organized by the Department of History and the Department of Botany in association with the Internal Quality Assurance Cell of M. V. Muthiah Government Arts College for Women, Dindigul on 22nd May 2021.
29. Participated in the webinar titled **“Cyber Crime”** organized by the Internal Quality Assurance Cell (IQAC) and the Department of Business Administration of M. V. Muthiah Government Arts College for Women, Dindigul and Dindigul Chamber of Commerce on 22nd May, 2021.
30. Participated in the one day state level webinar on **“Solar Energy Devices and Applications”** organized by the Department of Physics and the Internal Quality Assurance Cell (IQAC) of M. V. Muthiah Government Arts College for Women, Dindigul on 26th May, 2021.
31. Participated in the webinar entitled **“Election : The Citizens Outlook”** organized by the PG & Research Department of Economics and the Internal Quality Assurance Cell (IQAC) of M.V. Muthiah Government Arts College for Women, Dindigul on 27th May, 2021.
32. Participated in the National Level Webinar on health campaign of **“Oral Health vs COVID 19,”** Organized by youth Red Cross (YRC) on 28th May 2021.
33. Participated in the one day national level webinar entitled **“Youtube Live Stream with Simple but Stupendous Tools”** organized by the Central Library of M. V. Muthiah Government Arts College for Women, Dindigul and Madras Library Association (MALA), Madurai Chapter on 2nd June, 2021.
34. Participated in the State level Webinar Titled in **“A Hundred Years of Geography in India”** Organized by PG & Research Department of Geography and Internal Quality Assurance Cell of M.V Muthiah Government Arts College for Women, Dindigul on 04th June 2021.
35. Participated in the National Webinar on **“Environment: Towards a Greener World”** Organized by Institutional Biotech-Hub in association with Students’ Grievance Redressal Cell IQAC, Bahona College, Jorhat, Assam, India on 5th June 2021.

36. Participated in the webinar **“Recent Threat to Environment and Role of Remote Sensing in Environmental Management”**, organized by Georation, A Group of Geospatial Research & Analysis, held on 5th June, 2021
37. Participated in the State level Webinar Titled in **“Remote Sensing and Its Applications”** Organized by PG & Research Department of Geography and Internal Quality Assurance Cell of M.V Muthiah Government Arts College for Women, Dindigul on 07th June 2021.
38. Participated in the State level Webinar Titled in **“GIS and its Applications”** Organized by PG & Research Department of Geography and Internal Quality Assurance Cell of M.V Muthiah Government Arts College for Women, Dindigul on 08th June 2021.
39. Participated in the State level Webinar Titled in **“Disaster Risk Management”** Organized by PG & Research Department of Geography and Internal Quality Assurance Cell of M.V Muthiah Government Arts College for Women, Dindigul on 11th June 2021.
40. Participated in the one day National level Webinar on **“Health Campaign – Holistic Healing Therapy – Unwind & Sound Bath”** organized by Youth Red Cross (YRC), Bharathi Womnens College, Chennai, hold on 19th June 2021.
41. Participated in the State level Webinar Titled in **“Recent Trends in Urban Geography”** Organized by PG & Research Department of Geography and Internal Quality Assurance Cell of M.V Muthiah Government Arts College for Women, Dindigul on 14th June 2021.
42. Participated in **“Yoga Awareness Programme”** organized by the Department of English and Tamil in association with Internal Quality Assurance Cell of M. V. Muthiah Government Arts College for Women, Dindigul on 21st June 2021.
43. Participated in the Four Days Online Webinar Series - 2021, **“Problems and Prospects of Online Learning in Field-Based Studies: The Special Case of Geography”** organized by the Department of Geography in association with IQAC, N.S.S. College, Pandalam on 20, 23, 26 June and 3rd July 2021.

44. Participated in National Virtual Seminar on **“Eco Criticism with Reference to Orwell, Starhawk & Ruskin Bond”** organized by the Department of English, M. V. Muthiah Government Arts College for Women, Dindigul , Tamilnadu on 15th of July, 2021.
45. Participated in National Virtual Seminar on **“Blending Advance Technology for Effective Teaching”** organized by the Department of English, M. V. Muthiah Government Arts College for Women, Dindigul , Tamilnadu on 15th of July, 2021.
46. Participated in Emerging Discourses in Geography Webinar Series on **“Geography and International Relations”** organized by the Department of Geography, Government College, Chittur, Palakkad, Kerala on 17th of July, 2021.