

# தமிழ்நாடு திறந்தநிலைப் பல்கலைக்கழகம் Tamil Nadu Open University

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**Dr. K. KATTURAJAN** M.Sc., B.Ed., M.Phil., Ph.D., PG.Dip.in GISM.,  
*Assistant Professor*  
*Department of Geography, School of Science*



Specialization	Address	Contact
➤ Medical Geography	Department of Geography School of Sciences Tamil Nadu Open University 577, Anna Salai Saidapet, Chennai Pin: 600 015	Office : 044-24306641
➤ Climatic Change		Resi : 6374861768
➤ GIS & Remote Sensing		Mobile : 9486459856
		Email: <a href="mailto:drkkgeo@tnou.ac.in">drkkgeo@tnou.ac.in</a> <a href="mailto:kattugis@gmail.com">kattugis@gmail.com</a>

## Career Track Record

### Professional Affiliations

- Member in Deccan Geographical Society
- Life Member in Indian Society of Remote Sensing
- Life Member in Indian Society of Victimology

### Administrative Role

- Regional Director (i/c) (October 2021- December 2021)
- Estate Officer of TNOU (i/c) (March 2021-October 2021)
- Director (i/c), Admission Division of TNOU (Sept 2019-March 2021)
- IIRS -ISRO Outreach Programme Coordinator
- TNOU-UG and PG Geography Programme Coordinator

### Teaching Experience

- Working as an **Assistant Professor**, Department of Geography, School of Politics and Public Administration, Tamil Nadu Open University, Saidapet, Chennai from 29.01.2015 to till date.
- Gust Faculty** in the Department of Geography, Bharathidasan University, Tiruchirapalli. (2002-2004)

### Research / Industrial Experience

- As a **GIS Assistant (2001)** worked in Spatial Solution Integrated (P) Ltd., No. 7, Anandha nagar, Natchikuruchi, Tiruchirapalli – 620102, Tamilnadu, India.

He has completed his Doctoral Research in the prestigious Department of Geography, Madurai Kamaraj University. The Doctoral research entitled “Disease Surveillance and Monitoring of Vector Borne Diseases using GIS and Remote Sensing Techniques: A Study with special reference to Mosquito Borne Disease – Malaria. (Coastal Blocks of Ramanathapuram District, Tamilnadu, India)”.

Teaching Geography is a passion of his life. He has more than 15 Years of Teaching experience from School to Universities.

## ***Research Papers in Journals (National & International)***

1. **Katturajan, K.**, Sivasankari, H. (2022). Scenic Evaluation of the Hills for Tourism Development – A Study on the Hills of Tamilnadu, India. In: Kanwar, V.S., Sharma, S.K., Prakasam, C. (eds) Proceedings of International Conference on Innovative Technologies for Clean and Sustainable Development (ICITCSD – 2021). Springer, Cham. [https://doi.org/10.1007/978-3-030-93936-6\\_26](https://doi.org/10.1007/978-3-030-93936-6_26).
2. Sivasankari. H, **Katturajan K**, (20210), “Tourism in Hilly Areas. A case study of the Nilgiris District, Tamilnadu, India., Published in Journal of Research and Development, with ISSN No. 2230-9578, Special issue 11, Volume .5
3. Yagnamoorthy. T, **Katturajan. K**, (2021), “Demographic Characteristics and Workers Population of Krishnarayapuram Taluk, Karur District, published in Vol-44-No-1(III), January-March 2021 of Sambodhi with ISSN: 2249-6661 (UGC Care Approved, Peer Reviewed and Referred Journal Impact Factor 5.80.)
4. Yagnamoorthy. T, **Katturajan. K**, (2021), “URBAN POPULATION AND GROWTH OF KARUR TOWN” published in Vol-55-No-1, 2021 in the journal of Journal of the Maharaja Sayajirao University of Baroda with ISSN: 0025-0422 (UGC Care group 1 Journal)
5. Yagnamoorthy. T, **Katturajan. K**, (2020), “Impact of Population Growth in Urban Areas” published in Studies in Indian Place Names (indexed, peer reviewed, UGC Care listed) with ISSN no: 2394-3114, vol.40, issue 60, impact facto 6.3, pp. 2399-2404.
6. Yagnamoorthy. T, **Katturajan. K**, (2020), “Prioritizing Rural Girls Education Ways to migrate Gender Based Discriminations” published in Our Heritage Journal (UGC Approved) with impact factor 6.6, Vol.68, Issue 1, ISSN: 0474-9030, pp. 4060-65.
7. **Katturajan. K**. (2017), “Weather elements impacts on Malaria Surveillance in the Coastal Blocks of Ramanathapuram District, Tamilnadu, India” published in Advance Research Journal of Multidisciplinary Discoveries. An open access journal of International Journal Foundation.,14.0, C-6 :41-47 ISSN-2456-1045. pp. 41-47.
8. **Katturajan. K**. (2017), entitled “Spatio-Temporal Distribution of Malaria Incidences in the Coastal Blocks of Ramanathapuram District, Tamilnadu, India” published in Research Inspiration - An international Multidisciplinary E– Journal, Vol. 2, Issue-111. Impact factor 4.012 (IJIF), ISSN NO. 2455-443X. e-ISJN – A4372-3069., pp. 81- 89.
9. **Katturajan. K**. (2016), “Climatic Variables Impact on Malaria Surveillance in the Coastal Blocks of Ramanathapuram District, Tamilnadu, India” published in Research Inspiration - An international Multidisciplinary E-Journal, Vol. 2, Issue-1, Impact factor 4.02 (IJIF), ISSN NO. 2455-443X. pp. 281- 296. DOI -05.2016-46381592.

## ***Papers Presented in the National /International Conferences /Seminars***

1. Mr..Revandh N, **Katturajan K.** (2021), “Ground water Potential Zone of Vadipatty taluk, Madurai, using Geographical information System” in the national webinar on Water Resources and Socio Economic Development organized by Department of Geography, Bharathidasan University, Tiruchirappalli during 10<sup>th</sup> and 11<sup>th</sup> December 2021.
2. Mr..Revandh N, **Katturajan K.** (2021), “Morphometric analysis of Kobai Watershed in Theni District, Tamilnadu, India. A Geo-spatial Approach”, in the National Conference on Advance Techniques in Geographical Studies, Organised by the Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 21<sup>th</sup> & 26<sup>th</sup> November 2021. Published with ISBN no. 978-93-91987-374.
3. Ms. Ankita Sen, **Katturajan K.** (2019), “Crowdsourcing GIS on Urban Natural Resources Management” in the 5th Joint International Conference on Environmental Sciences and Climate Change: Accomplishment, Plan and Challenges & 13th International Congress on Climate Change, Territorial Classification and Socio-Economic Crisis, organised by Department of Geology, University of Madras and CIEMAD, IPN, MexicoCity, Mexico, during 11th to 15th November 2019.
4. Yagnamoorthy. T, **Katturajan. K.** (2019) “Land Use Studies on Marakaranpatti Sub-Watershed, Vaniyar River, Dharmapuri District, Tamilnadu” in the National Seminar on “Water Resource and Climate Change: Knowledge, Technology and Policies” (WRACC-2019) organised by School of Politics and Public Administration, TNOU, Chennai during 30th and 31st October 2019
5. Ms. Ankita Sen, **Katturajan K.** (2019), “Climate change and paradigm shift in International Policies” in the National Seminar on “Geospatial Technologies for resources Evaluation and Environmenational Seminar on “Water Resource and Climate Change: Knowledge, Technology and Policies” in the National Seminar on “Water Resource and Climate Change: Knowledge, Technology and Policies” (WRACC-2019) organised by School of Politics and Public Administration, TNOU, Chennai during 30th and 31st October 2019
6. **Katturajan. K.** (2015), “Climatic Variables and Malaria Surveillance in Rameswaram island, Tamilnadu, India” in the Nt” sponsored by UGC-SAP-DRS11 organized by the Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 13th & 14th August 2015 Published with ISBN no. 9789384193362.
7. **Katturajan. K.** (2012), “Climatic Variables and Malaria Transmission Dynamics in Rameswaram island, Tamilnadu, India” in the International Workshop and Conference on “Renewable Energy and Climate Change -Exploring Opportunities for Sustainable Development” School of Energy, Environment and Natural Resources, Madurai Kamaraj University, Madurai during 5th to 7th April 2012.

8. **Katturajan. K.** (2012), “Malaria surveillance and monitoring using Remote Sensing and GIS: a case study of Rameswaram Island, Tamilnadu” in the National Seminar on “Geospatial Technology for Resource Evaluation and Management (GEOTERM 2012) sponsored by UGC-SAP-DRS1 organized by the School of Earth and Atmospheric Science, Madurai Kamaraj University, Madurai during 17th & 18th February 2012.
9. **Katturajan. K.** (2011), “Application of Geo-Spatial Technology in Malaria Surveillance in the coastal blocks of Ramanathapuram District” in the National Seminar on “Emerging frontiers in the Geomatic Applications” sponsored by UGC-SAP-DRS1 organized by the School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 21st & 22nd March 2011.
10. **Katturajan. K.** (2010), “Disease Surveillance and Pattern in Ramanathapuram Health Unit District using SIMS. Special reference to vector-borne disease -Malaria” in the National Seminar on “Trends in Spatial data analysis for Resource and Environmental Management” sponsored by UGC-SAP-DRS1 organized by the School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 29th and 30th March 2010.
11. **Katturajan. K.** (2008), “Spatio-Medico Analysis of Diarrhoea in Theni District” in the National Seminar on “Climatic Change and Emerging Diseases” sponsored by UGC-SAP-DRS1 organized by the School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai, during 12th and 13th December 2008.

### ***Participation in International Conferences/Seminars/Symposia/Workshop***

1. Successfully completed advance training on “Satellite Remote Sensing for Measuring Urban Heat Islands and Constructing Heat Vulnerability Indices” conducted by NASA’s Applied Remote Sensing Training (ARSET) Program during 2,4,9 and 11<sup>th</sup> August 2022.
2. Participated National Level Webinar on” Technology Development after Independence” conducted by School of Computer Science, Tamil Nau Open University, Chennai on 4<sup>th</sup> August 2022
3. Delivered a invited lecture on 25.11.2021 entitled “Recent Trends in Geospatial Technology” in the two days National Conference on “Advanced Techniques in Geographical Studies (NACATEGS– 2021)” organized by Department of Geography, Madurai Kamaraj University, Madurai during 25–26<sup>th</sup> November, 2021.
4. Participated in the webinar on “Challenges in Translation from English to Tamil” conducted by the school of Humanities, Tamil Nadu Open University on 30<sup>th</sup> September 2020.
5. Participated in the one-day National workshop on “Structure, Publish and Increase Citations for Research Papers: tips and techniques” organised by Department of Library and Information Center, IQAC, Sri Umampragathi First Grade College Maidala Road, Kyathasandra, Tumkur-572104 on 28/09/2020.
6. Participated in the webinar entitled “Deconstructing the Gender Binary” held on 13.07.20 organised by the department of English, Guru Nanak College (Autonomous), Velachery, Chennai.

7. Participated in the 7 days National level “Science leadership workshop” organized by the Central University, Punjab, Bathinda, India, from June 22nd to June 28, 2020
8. Participated in the webinar on “Application of GIS-RS Based Techniques and Research Horizon in Geographical Studies” organized by the Department of Geography, School of Basic and Applied Sciences, Adamas University on 20th June 2020.
9. Completed *7 days Faculty Development Programme* on “Institutional Benchmarking of Best Practices” organised by 10 Premier Institutes of India from 8th -15th June 2020.
10. Completed MHRD, PMMM National Mission on Teachers and Teaching sponsored *Two Weeks Faculty Development Programme* on "Managing Online Classes and Co-Creating MOOCs:2.0" organised by Teaching Learning Centre, Ramanujam College, Delhi during May 18 - June 03, 2020.
11. Participated in online webinar titled “The Value of Values” a talk by Dr. Snehalata Deshmukh (Former Vice-Chancellor, University of Mumbai on 08th June, 2020.
12. Participated in the 7 days National level “Science leadership workshop” organized by the Central University, Punjab, Bathinda, India, from June 22nd to June 28, 2020
13. Participated in the webinar on “Application of GIS-RS Based Techniques and Research Horizon in Geographical Studies” organized by the Department of Geography, School of Basic and Applied Sciences, Adamas University on 20th June 2020.
14. Completed *7 days Faculty Development Programme* on “Institutional Benchmarking of Best Practices” organised by 10 Premier Institutes of India from 8th -15th June 2020.
15. Participated in online webinar titled “The Value of Values” a talk by Dr. Snehalata Deshmukh (Former Vice-Chancellor, University of Mumbai on 08th June 2020
16. Participated in the Webinar on “on the theme of Road Map of Future Geographers” organized by the Department of Geography, School of Basic and Applied Sciences, Adamas University on 18.05.2020
17. Participated in the webinar on “Social Intelligence in Classrooms” by Dr.Paul Susheel, International Teacher Trainer on 13.05.2020. organized by Sri Sarada Niketan College of Science for Women Karur, Tamil Nadu, India
18. Participated in the *Moodle Learning Management System* training organized at Bannari Amman Institute of Technology in the January 2020 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay. This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India.

19. Participated in the Two-Days National Workshop on “Trangender’s Current Opportunities and Challenges in Higher Education, Empowerment, entrepreneurship in Tamilnadu State” organised by Regional Centre, Dharmapuri in collaboration with ICSSR, SRC Hyderabad held on 3<sup>rd</sup> and 4<sup>th</sup> January 2020 at TNOU Chennai.
20. Participated in the one-day Orientation Programme on “NAAC Accreditation Process for ODL Institutions in India”, organized by Tamil Nadu Open University and National Assessment and Accreditation Council (NAAC) held on 14th December 2019 at TNOU, Chennai-15.
21. Participated in the Self-learning Online Course on “Understanding Open Educational Resources”, conducted from 20.11.2019, organized by the Commonwealth of Learning, Canada.
22. Participate in the Three days capacity building Workshop on “Adoption and Implementation of Institutional OER Policy”, organised by the Commonwealth Educational Media Centre for Asia, New Delhi and School of Journalism and New Media Studies, Tamil Nadu Open University, Chennai, held on 18th to 20th November 2019.
23. Participate in the Four-day Hands Workshop for the Designing, Developing and Delivering Online Learning programmes, organised by the Tamil Nadu Open University and Commonwealth Educational Media Centre for Asia in Chennai, held on 13th to 16th November 2019.
24. Participated in the International Conference on “Crowdsourcing in Natural Resources management” 11th to 15th November 2019, Department of Geology & Department of Sociology, University of Madras, Chennai.
25. Participated in the Refresher Course in Geography from 16th September to 28th September 2019, UGC-Human Resources Development Centre (HRDC), Jawaharlal Nehru University, New Delhi.
26. Participated in the Workshop on “Archaeological Resources in the Reconstruction of Ancient History of Tamil Nadu and the Application of Recent Technological Studies”, conducted from 24.06.2019 to 04.07.2019, organized by the School of History and Tourism Studies, Tamil Nadu Open University, Chennai.
27. Participated in the National Seminar on “Research Article Writing and Plagiarism Checking” organized by the School of Computer Science held on 07th February 2019, at Tamil Nadu Open University, Chennai.
28. Participated in the one-day National Level Workshop on “3D Drone Mapping” organized by the School of Mechanical and Building Science, Vellore Institute of Technology, Chennai, Tamil Nadu in Association with ARTIS Technologies and Services, Bangalore on 27th October 2018.
29. Participated in the “University Grants Commission Human Resource Development Centre UGC-HRDC 122nd Orientation Course” held on 1st to 28th February 2018 at Pondicherry University, Pondicherry.

30. Participated in the one day National Seminar on “*jkpo; kpd;E}y; (e-Book) cUthf;fk;*” held o 11th July 2016 at School of Tamil and Cultural Studies, Tamil Nadu Open University, Chennai.
31. Participated in the one-day Orientation Programme on “Effective Office Administration & Disciplinary Procedures” held on 4th May 2016, at Tamil Nadu Open University, Chennai.
32. Participated in the one-day Orientation Progarmme on “Communication Skills for Effective Teaching & Innovation in Higher Education” held on 3rd May 2016, at Tamil Nadu Open University, Chennai.
33. Attended National Seminar on 14th April 2016 at Dr. Babasaheb Ambedkar Open University, “Jyotirmay Parisar”, S.G. Highway, Chharodi, Ahmedabad, Gujarat.
34. Participated in the one-day workshop on “Enhancing Quality of Work Life: The Role of Soft Skills” held on 30th November 2015 at Tamil Nadu Open University, Chennai.
35. Participated in the National Seminar on “Father of Indian Constitution Bharat Ratna Dr. B.R. Ambedkar: His Vision & Mission for Nation Building & Social Justice” held on 26th November 2015 organised by School of Politics and Public Administration, Tamil Nadu Open University, Chennai.
36. Participated in the Colloquium on “Iron Man of Indian Shri Sardar Vallabhai Patel: Role in Integration of Indian States” in Commemoration of the 140th Birth Anniversary Celebration organized by the School of History and Tourism Studies on 30th October 2015.
37. Participated in the one-day Seminar on “Thrust Areas in Mathematics” organized by the School of Science, Tamil Nadu Open University, Chennai on 16th October 2015.
38. Participated in the one-day National Seminar on “E-Governance in Universities” organized by the School of Computer Science, Tamil Nadu Open University, Chennai on 29th September 2015.
39. Participated in the International Workshop on “Researching, Writing and Publications - Special Reference to Education” organized by the School of Education, Tamil Nadu Open University, Chennai held on 21st August 2015.
40. Participated in the “Empowering India Through Open and Distance Learning: Breaking Down Barriers, Building Partnership and Delivering Opportunities” hosted by Tamil Nadu Open University, Chennai from 23rd to 25th April 2015.
41. Participated in the “Five Days Workshop on “Research Methods and Data Analysis in Social Sciences” organized by the School of Economics, Madurai Kamaraj University in the Academic Staff College, Madurai Kamaraj University, Madurai during 20th to 24th January 2012.
42. Participated in the “Application of Remote Sensing and GIS in Disease Surveillance With special reference to Malaria in Rameswaram Island” in the 5th Conference of Medical Arthropodology on Central Theme of Molecule to Ecosystem: Integrated Disease Vector Control held at the Centre for

Research in Medical Entomology (ICMR), Madurai, Tamilnadu on 18th & 19th October 2011.

43. Participated in the “Global Climate Change & Its Implications” organized by the Department of Geography held at Nirmala College Women on 7th August 2009.
44. Participated in the “Spatio-Temporal Analysis of Vector-Borne diseases- A Special reference to Malaria-India”, in 2nd Conference on Medical Arthropodology, during the 15th and 16th December 2008, organized by ICMR, Madurai.

### ***Organised and Coordinated Conferences/Seminars/Symposia/Workshop/Courses (Regional, National, International)***

1. Coordinated the online training course on “Global Navigation Satellite System” conducted by Indian Institute of Remote Sensing, ISRO Dehardun during September 14, 2020, to September 25, 2020.
2. Coordinated the online training course on “Understanding of Coastal Ocean processes using Remote Sensing and Numerical Modelling” conducted by Indian Institute of Remote Sensing, ISRO Dehardun during September 21, 2020, to September 25, 2020.
3. Coordinated the online training course on “Geographical Information System” conducted by Indian Institute of Remote Sensing, ISRO Dehardun during September 28, 2020, to October 15, 2020.
4. Coordinated the online training course on “RS & GIS Applications” conducted by Indian Institute of Remote Sensing, ISRO Dehardun during November 02, 2020, to November 20, 2020.
5. Coordinated the online training course on “Remote Sensing of Land Degradation” conducted by Indian Institute of Remote Sensing, ISRO Dehardun during December 01, 2020, to December 07, 2020.
6. Organizer for the Two-day National Seminar on “Water Resources and Climate Change: Knowledge, Technology and Policies (WRACC-2019)” conducted by SOPPA, TNOU, Chennai, on 30th & 31st October 2019.
7. Acted as a Co-organizer for the Pictorial Exhibition of Swami Vivekananda in commemoration & celebration of his 153rd Birth Anniversary on 12th January 2016 at Conference Hall, Tamil Nadu Open University.
8. Acted as a Co-organizer for the National Human Rights Commission sponsored one day training programme on Human Rights for Students and Transgenders held on 28.03.2016 and 30.03.2016 in the School of Politics and Public Administration (SOPPA), Tamil Nadu Open University, Chennai.
9. Co-Editor in the proceeding of Constitution Day National Seminar on “Father of Indian Constitution Bharat Rathna Dr. B.R Ambethkar: His Vission and Mission for National Building and Social Justice” Conducted by SOPPA, TNOU, Chennai, on 26th November 2015.

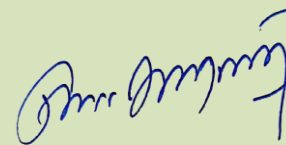


***Served as Member in Professional Bodies/Committees (BoS, Academic Council, Inspection Committees, National forums, etc.)***

1. Served as Member of the Board of Studies, Department of Geography, School of Sciences, Tamil Nadu Open University, Chennai, on 19<sup>th</sup> and 20<sup>th</sup> June 2020.
2. *Participated as Member, Board of studies in Geography UG and PG, TNOU organized by state-integrated board of studies, Tamil Nadu State Council for Higher Education (2018-2019).*
3. Served as Member of the Board of Studies, Department of Geography, School of Politics and Public Administration, Tamil Nadu Open University, Chennai, in August 2017.
4. Served as Member of the Board of Studies, Department of Geography, School of Politics and Public Administration, Tamil Nadu Open University, Chennai, in July 2016.
5. Served as Member of the Board of Studies, Department of Geography, School of Politics and Public Administration, Tamil Nadu Open University, Chennai, in April 2015.
6. *Special Invitee for the Board of Studies in the Department of Geography held on at Periyar EVR College, Trichy in April 2015.*

***Declaration***

*I hereby, declare that the aforesaid is true to the best of my knowledge and belief as of **Feb- 2023**.*



**(Dr. K. Katturajan)**