

## PROFILE OF THE FACULTY

1. **Name of the Faculty Member** : Dr. K. Katturajan
2. **Father's Name** : R. Koiylan
3. **Date of Birth & Age** : 04.05.1972, 51
4. **Designation along with School** : Assistant Professor, School of Science
5. **Subject Specialization** : Geography
6. **Present Residence Address** : No. 6, Balambiga Apartment,  
Raman Thottam, 2<sup>nd</sup> Street,  
Pazhavanthangal,  
Chennai-600 114.
7. **Contact Number and email address:** 94864 59856, drkkgeo@tnou.ac.in



### 8. Educational Qualification

S. No.	Examination Passed	Name of the Board/ University	Year of Passing	Subject
1.	PG	Madurai Kamaraj University	1997	Geography
2.	M.Phil.	Bharathidasan University	2008	Geography
3.	Ph.D.	Madurai Kamaraj University	2013	Geography

### 9. Prizes, Awards & Fellowships Received

S. No.	Name	Institution	Purpose of Award	Year
1	UGC SAP Project Research Fellow	Department of Geography, Madurai Kamaraj University	Project Research Fellowship	2008-2012

**10. Teaching Experience [Reverse Chronological Order]**

S. No	Name of Employer	Designation	Period of Employment	
			From	To
1.	Department of Geography, Bharathidasan University	Guest Faculty	2002	2004
2	Tamil Nadu Open University	Assistant Professor in Geography	2015	till date

**11. Professional and Administrative Experiences**

S. No	Name of Employer	Designation	Period of Employment	
			From	To
1	Tamil Nadu Open University	Regional Director (i/c)	October 2021	December 2021
2	Tamil Nadu Open University	Estate Officer (i/c)	March 2021	October 2021
3	Tamil Nadu Open University	Director (i/c), Admission Division	September 2019	March 2021

**12. Teaching Interest: Geography, GIS, Remote Sensing**

**13. Research Interest:** Medical/Health Geography, Climate change, Tourism,  
Water Quality, Spatial Technology

**14. Research Supervision:****(a) Ph.D. Guided**

S. No	Name of the Scholar	Title of the Thesis	Submitted/ Awarded	Name of the University	Month & Year
1	Mr. T. Yagnamoorthy	Urban Population Growth and Socio- Economic Status of Karur Town	ongoing	TNOU	-
2	Mrs. H. Sivasankari	Problems and Prospects of Tourism Development in the Nilgiris District,	ongoing	TNOU	-

		Tamilnadu, India: A case study - A Geospatial approach.			
3	Mr. N. Ravendh	Urban Water Security	ongoing	TNOU	-

## 15. Books, Articles and Research Publications

### a) Papers published in reputed Journals (National & International)

S. No.	Title of the Paper	Journal Name	Month & Year	ISSN No. & Vol. (Issue), Pages	Impact Factor/ H index/ i10
1	Tourism in Hilly Areas. A case study of the Nilgiris District, Tamilnadu, India.,	Journal of Research and Development,	Feb 2021	ISSN No. 2230-9578, Special issue 11, Volume .5	
2	Demographic Characteristics and Workers Population of Krishnarayapuram Taluk, Karur District	Sambodhi (UGC Care group Journal)	March 2021	2249-6661 Vol-44-No-1(III)	5.80
3	“Urban Population and Growth of Karur town”	The journal of Maharaja Sayajirao University (UGC Care group 1 Journal)	March 2021	Vol-55-No-1, ISSN: 0025-0422	
4	Impact of Population Growth in Urban Areas	Studies in Indian Place Names (UGC Care listed)	March 2020	ISSN no: 2394-3114, vol.40, issue 60, pp. 2399-2404.	6.3
5	Prioritizing Rural Girls Education Ways to migrate Gender Based Discriminations	Our Heritage Journal (UGC Approved)	January 2020	Vol.68, Issue 1, ISSN: 0474-9030, pp. 4060-65.	6.6

6	Weather elements impacts on Malaria Surveillance in the Coastal Blocks of Ramanathapuram District, Tamilnadu, India	Advance Research Journal of Multidisciplinary Discoveries. An open access journal of International Journal Foundation.,	July 2017	14.0, C-6 :41-47 ISSN-2456-1045. pp. 41-47.	(ICV-ES/Impact Value): 3.08  (GIF) Impact Factor: 2.174
7	Spatio-Temporal Distribution of Malaria Incidences in the Coastal Blocks of Ramanathapuram District, Tamilnadu, India”	Research Inspiration - An international Multidisciplinary E- Journal, (UGC Approval)	June 2017	Vol. 2, Issue-111. ISSN NO. 2455-443X. e-ISJN – A4372-3069., pp. 81-89.	Impact factor 4.012
8	Katturajan. K. (2016), “Climatic Variables Impact on Malaria Surveillance in the Coastal Blocks of Ramanathapuram District, Tamilnadu, India”	Research Inspiration - An international Multidisciplinary E -Journal,	December 2016	Vol. 2, Issue-1, ISSN NO. 2455-443X. pp. 281- 296. DOI -05.2016-46381592	Impact factor 4.02 (IIJIF),

**b) Papers published in Conference/Seminar Proceedings**

S.No.	Title with page no's	Details of Publications	ISSN/ ISBN No.
1	Scenic Evaluation of the Hills for Tourism Development – A Study on the Hills of Tamilnadu, India. DOI: <a href="https://doi.org/10.1007/978-3-030-93936-6_26">https://doi.org/10.1007/978-3-030-93936-6_26</a>	Proceedings of International Conference on Innovative Technologies for Clean and Sustainable Development (ICITCSD – 2021) Published on 29 April 2022 in Springer, Cham.	978-3-030-93935-9

2	“Morphometric analysis of Kobai Watershed in Theni District, Tamilnadu, India. A Geo-spatial Approach”,	Proceedings of 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 21th & 26th November 2021.	978-93-91987-374.
3	Climatic Variables and Malaria Surveillance in Rameswaram island, Tamilnadu, India	Geospatial Technologies for resources Evaluation and Environment” by UGC-SAP-DRS1- sponsored National level Seminar organized by the Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 13th & 14th August 2015	978-93-84193-362.

**c) Book / SLM Authored - Published**

<b>S. No</b>	<b>Title</b>	<b>Year of Pub.</b>	<b>Name of the Publication</b>	<b>ISBN No.</b>
1	General Cartography	2022	Tamil Nadu Open University	978-93-95914-73-4
2	Climatology and Oceanography	2022	Tamil Nadu Open University	978-93-95914-75-8
3	Climatology and Hydrology	2022	Tamil Nadu Open University	978-93-95914-78-9
4	Advanced Cartography	2022	Tamil Nadu Open University	978-93-95914-80-2
5	Remote Sensing	2022	Tamil Nadu Open University	978-93-95914-84-0

6	“Geography of Health and Wellbeing	2023	Tamil Nadu Open University	
7	Regional Planning	2023	Tamil Nadu Open University	
8	Principles of Geographic Information System	2023	Tamil Nadu Open University	
9	Watershed Management	2023	Tamil Nadu Open University	
10	Geography of India	2023	Tamil Nadu Open University	

## 16. Papers Presented in National/International/ Seminars/ Symposia/ Conferences

### a) National Conferences/Seminars/Symposia/Workshop

S. No	Title of the Paper	Title of the Conference/ Seminar	Organized by
1	Ground water Potential Zone of Vadipatty taluk, Madurai, using Geographical information System.	Water Resources and Socio-Economic Development	Department of Geography, Bharathidasan University, Tiruchirappalli during 10 <sup>th</sup> and 11 <sup>th</sup> December 2021.
2	Land Use Studies on Marakaranpatti Sub-Watershed, Vaniyar River, Dharmapuri District, Tamilnadu.	Water Resource and Climate Change: Knowledge, Technology and Policies (WRACC-2019)	School of Politics and Public Administration, TNOU, Chennai during 30th and 31st October 2019
3	Climate change and paradigm shift in International Policies.	Water Resource and Climate Change: Knowledge, Technology and Policies.	School of Politics and Public Administration, TNOU, Chennai during 30th and 31st October 2019
4	Malaria surveillance and monitoring using Remote Sensing and GIS: a case study of Rameswaram Island, Tamilnadu.	Geospatial Technology for Resource Evaluation and Management (GEOTERM 2012)	School of Earth and Atmospheric Science, Madurai Kamaraj University, Madurai during 17th & 18th February 2012

5	Application of Geo-Spatial Technology in Malaria Surveillance in the coastal blocks of Ramanathapuram District”	Emerging frontiers in the Geomatic Applications.	School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 21st & 22nd March 2011
6	Disease Surveillance and Pattern in Ramanathapuram Health Unit District using SIMS. Special reference to vector-borne disease - Malaria	Trends in Spatial data analysis for Resource and Environmental Management	School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai during 29th and 30th March 2010.
7	Spatio-Medico Analysis of Diarrhoea in Theni District.	“Climatic Change and Emerging Diseases”	School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai, during 12th and 13th December 2008.

**b) International Conferences/Seminars/Symposia/Workshop**

<b>S. No</b>	<b>Title of the Paper</b>	<b>Title of the Conference/ Seminar</b>	<b>Organized by</b>
1	Satellite Remote Sensing for Measuring Urban Heat Islands and Constructing Heat Vulnerability Indices.	International level Advance Training	NASA’s Applied Remote Sensing Training (ARSET) Program during 2,4,9 and 11th August 2022.
2	Structure, Publish and Increase Citations for Research Papers: tips and techniques	Workshop	Department of Library and Information Center, IQAC, Sri Umpragathi First Grade College Maidala Road, Kyathasandra, Tumkur-572104 on 28/09/2020
3	Science leadership workshop	7 days National level workshop	the Central University, Punjab, Bathinda, India, (June 22 <sup>nd</sup> to June 28 <sup>th</sup> , 2020)

<b>4</b>	Institutional Benchmarking of Best Practices	7 days Faculty Development Programme	10 Premier Institutes of India from 8 <sup>th</sup> -15 <sup>th</sup> June 2020.
<b>5</b>	Managing Online Classes and Co-Creating MOOCS:2.0.	Two Weeks Faculty Development Programme	Teaching Learning Centre, Ramanujam College, Delhi during May 18 <sup>th</sup> - June 03 <sup>rd</sup> , 2020
<b>6</b>	Trangender's Current Opportunities and Challenges in Higher Education, Empowerment, entrepreneurship in Tamilnadu State.	Two-Days National Workshop	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
<b>7</b>	Moodle Learning Management System	Moodle Training	Bannari Amman Institute of Technology & Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India in January 2020
<b>8</b>	NAAC Accreditation Process for ODL Institutions in India.	One-day Orientation Programme	Tamil Nadu Open University and National Assessment and Accreditation Council (NAAC) 14 <sup>th</sup> December 2019
<b>9</b>	Understanding Open Educational Resource.	Self-learning Online Course	Commonwealth of Learning, Canada. 20.11.2019.
<b>10</b>	Adoption and Implementation of Institutional OER Policy.	Three days capacity building Workshop	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.



11	Designing, Developing and Delivering Online Learning programmes.	Four-day Hands Workshop	Tamil Nadu Open University and Commonwealth Educational Media Centre for Asia in Chennai, held on 13 <sup>th</sup> to 16 <sup>th</sup> November 2019.
12	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.	Department of Geology, University of Madras and CIEMAD, IPN, Mexico City, Mexico, during 11th to 15 <sup>th</sup> November 2019.
13	Archaeological Resources in the Reconstruction of Ancient History of Tamil Nadu and the Application of Recent Technological Studies.	National level Workshop	School of History and Tourism Studies, Tamil Nadu Open University, Chennai. During 24.06.2019 to 04.07.2019,
14	3D Drone Mapping	One-day National Level Workshop on	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.
15	Climatic Variables and Malaria Transmission Dynamics in Rameswaram island, Tamilnadu, India.	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 5 <sup>th</sup> to 7 <sup>th</sup> April 2012
16	Research Methods and Data Analysis in Social Sciences	Five Days Workshop	School of Economics, Madurai Kamaraj University in the

			Academic Staff College, Madurai Kamaraj University, Madurai during 20th to 24th January 2012
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**17. Conferences/Seminars/Symposia/Workshop organized (Regional, National, International)**

<b>S. No.</b>	<b>Name of the Event</b>	<b>Place and Date</b>	<b>Role</b>
<b>1</b>	Online training course on “Global Navigation Satellite System”.	Indian Institute of Remote Sensing, ISRO Dehardun during September 14, 2020, to September 25, 2020.	Coordinator
<b>2</b>	Online training course on “Understanding of Coastal Ocean processes using Remote Sensing and Numerical Modelling”	Indian Institute of Remote Sensing, ISRO Dehardun during September 21, 2020, to September 25, 2020	Coordinator
<b>3</b>	Online training course on “Geographical Information System”	Indian Institute of Remote Sensing, ISRO Dehardun during September 28, 2020, to October 15, 2020.	Coordinator
<b>4</b>	Online training course on “RS & GIS Applications”	Indian Institute of Remote Sensing, ISRO Dehardun during November 02, 2020, to November 20, 2020.	Coordinator
<b>5</b>	Online training course on “Remote Sensing of Land Degradation”	Indian Institute of Remote Sensing, ISRO Dehardun during December 01, 2020, to December 07, 2020.	Coordinator
<b>6</b>	Two-day National Seminar on “Water Resources and Climate Change: Knowledge, Technology and Policies (WRACC-2019)”	SOPPA, TNOU, Chennai, on 30th & 31st October 2019.	Organiser
<b>7</b>	Pictorial Exhibition of Swami Vivekananda in commemoration &	SOPPA, Tamil Nadu Open University on 12th January 2016.	Co-organizer

	celebration of his 153rd Birth Anniversary		
8	National Human Rights Commission sponsored one day training programme on Human Rights for Students and Transgenders	School of Politics and Public Administration (SOPPA), Tamil Nadu Open University, 28.03.2016 & 30.03.2016	Co-organizer
9	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.	Co-organizer

### 18. Extension & Outreach Activities

S. No	Name of the Activity	Organizing unit/ agency/ collaborating agency	Year of the activity	No. of Learners Participated in Such Activities
1	Learners Induction Programme for the first-year students of TNOU, on 23 <sup>rd</sup> November 2019,	Padmavani College of Arts & Science, Salem.	2019	60

### 19. Invited Lectures:

Sl.No	Topic of the Invited Talk	Date	Institution/Organisation
1	Recent Trends in Geospatial Technology	25–26th November 2021.	Two days National Conference on “Advanced Techniques in Geographical Studies (NACATEGS–2021)” organized by Department of Geography, Madurai Kamaraj University, Madurai during
2	Uses of Geo-Spatial Technology in Archaeology	28 <sup>th</sup> June 2019	National level 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.
3	Recent Trends in Indian Remote Sensing	30 <sup>th</sup> December 2016	Department of Geography, Sri Meenakshi Government Arts College for Women (Autonomous), Madurai.

## 20. Membership of Professional/Statutory/Scientific Body

### a. Internal – within the University

Sl. No	Professional Body	Type of Membership	Period	
1	Department of Geography, School of Sciences, Tamil Nadu Open University, Chennai,	Member of BoS	2019	2023
2	Department of Geography, School of Politics and Public Administration, Tamil Nadu Open University, Chennai,	Member of BoS	2015	2018

### b. External – outside the University

Sl.No	Professional Body	Type of Membership	Period	
1	Tamil Nadu State council for Higher Education	Member of BoS, Tamil Nādu State integrated board of studies, Geography UG and PG	2018	2021

2	Indian Society of Remote Sensing	Life Member	Since 2019	-
3	Deccan Geographical Society	Member	2018	2023
4	Indian Society of Victimology	Life Member	Since 2018	-
5	Department of Geography, Periyar EVR College, Trichy	Special Invitee for the Board of Studies in the Department of Geography-UG, PG and M.Phil.,	2015	2018

### **Declaration**

I hereby declare that the aforesaid particulars are true to the best of my knowledge and belief.

**Date:** 05-06-2023

Dr. K. Katturajan

**Place:** Chennai