

FACULTY PROFILE

Dr. Yasodharan Suresh

Asst. Professor

Department of Geography, Tourism Travel and Management

East Tambaram

Chennai – 600 059

Email: ysdhrnsuresh@gmail.com

yasodharansuresh@mcc.edu.in

Educational Qualification:

Degree & Subject	Institution / University	Year
B.Sc Geography	Govt. Arts College, Coimbatore	1998-2001
M.Sc Geography	Presidency College, Chennai	2001-2003
M.Phil Geography	Presidency College, Chennai	2003-2004
Ph.D Geography	Bharathidasan University, Tiruchirappalli	2007-2014
PGDGISM	University of Madras, Chennai	2004-2005
SET	Bharathiar University, Coimbatore	2008

Professional Experience:

Designation	Institution/Company & Period
Asst. Professor	Madras Christian College, Chennai – 2012 – Till Date
Digital Photogrammetry Engineer	Geofiny Technologies, Chennai – 2007 - 2011
Spatial Data Analyst	DSM Soft, Tiruchirappalli – 2006-2007
Junior Project Assistant	Institute of Remote Sensing, Anna University, Chennai – 2005 - 2006

Dissertation:

- **M.Phil:** “An Analysis of Land use Land cover Classification in the Tambaram Taluk using Remote Sensing Data and GIS”.
- **Ph.D:** “Development of Information Technology (IT) Industries and the Implications in Sholingalur Taluk, Kancheepuram District, Tamil Nadu, India – A Geoinformatics Approach”.

- **PGDGISM:** “Change Detection Analysis using Different Sources of Data by GIS Methodology - Urban Sprawl Effects on St. Thomas Mount 1970-1997”.

Research Interest:

- Geo-informatics, Remote Sensing, Water Resource Management, __Geo-spatial Technology, _Urban Studies, Disaster Studies and Coastal Management.

Work Experience in Research Projects:

- Worked as Junior Project Assistant in the project entitled “Survey of Land Market in Chennai Metropolitan Area” World Bank Project- in the Department of Geography, University of Madras, Chennai (2005).
- Worked as Junior Project Assistant in the project entitled “Transmission Route Alignment from Damoh to Korba (Madhya Pradesh)” at Institute of Remote Sensing, Anna University, Chennai (2006).
- Worked as Junior Project Assistant in the project entitled “Road Connectivity of Ennore Port by using GIS and Remote Sensing Data” at Institute of Remote Sensing, Anna University, Chennai (2006).
- Worked as Junior Project Assistant in the project entitled “Eastern Ghats Development Programme by using Remote Sensing Data” at Institute of Remote Sensing, Anna University, Chennai (2006).
- Worked as Junior Project Assistant in the project entitled “Railway Route Alignment from Tindivanam to Pondicherry” at Institute of Remote Sensing, Anna University, Chennai (2006).
- Worked as Spatial Data Analyst in the project entitled “Analysis of Golf Ground in Ireland (3D)” in DSM Soft, Tiruchirappalli (2007).
- Worked as a Digital Photogrammetry Engineer in the project entitled “ Physiographic Study about Kameng River in Arunachal Pradesh by using LPS software” Geofiny Technologies, Chennai (2008).
- Worked as a Digital Photogrammetry Engineer in the project entitled “3D building capturing by using 3D socetset software” Geofiny Technologies, Chennai (2009).
- Worked as a Digital Photogrammetry Engineer in various other projects in 3D software from 2007-2011 in Geofiny Technologies, Chennai.

Association with Academic Bodies:

- Life Member of Union of Geographic Information Technologists, Bangalore
- Life Member of Indian Geographical Society, Chennai

- Life Member of Institute of Scholars, Bangalore

Positions in Professional Bodies:

- Author, Reviewer of VIth Standard Social Science Text Book of State Council of Educational Research and Training, Tamil Nadu, Chennai.
- Reviewer and framed the syllabus for VIth to XIIth Standard Geography Subject of State Council of Educational Research and Training, Tamil Nadu, Chennai.
- Reviewer of International Journal of Management and Social Studies.

Administrative Experience in MCC:

- Nominated by MCC Senatus as Member of the Examination Committee from Self Finance Stream – Shift II (2019-2021)
- Nominated by MCC Senatus as Member of the Examination Committee from Self Finance Stream – Shift II (2017-2019)
- Anti-Ragging Committee Member (2014-2016)
- Worked in USAID-ASHA Project (Turn Green 2016)
- In charge of Topographical Survey of MCC
- IQAC Nodal Officer for the Department (2021 – till date)

Awards:

1. Received Shri C.D.S Chetti Excellence Award for Outstanding Professor of MCC (Male) for the Academic Year 2019-2020.
2. Received Young Researcher Award 2020 by the Institute of Scholars.
3. Received Best Researcher Award in the International Scientist Awards on Engineering, Science and Medicine on 8th and 9th January, 2021, Salem.
4. Received Best Research Paper Award in the Annual Conference conducted by Indian Geographical Society, Department of Geography Periyar E.V.R. College, Tiruchirappalli, during January 20-21, 2006. Paper entitled “Land use and Land cover Changes in Tambaram Taluk, Kancheepuram District by using GIS and Remote Sensing Data”.
5. First Rank with Distinction in M.Sc Geography

6. Second Rank in B.Sc Geography

Training and Academic Participation:

Paper Presented at National, International Conferences and National Seminar

1. Paper presented in the Annual Conference conducted by Indian Geographical Society, Department of Geography Periyar E.V.R. College, Tiruchirappalli on 20th and 21st January, 2006. Paper entitled “Land use and Land cover Changes in Tambaram Taluk, Kancheepuram District by using GIS and Remote Sensing Data”.
2. Paper presented in the National Seminar conducted by Department of Geography, University of Madras, Chennai on 5th and 6th February, 2010. Paper entitled “Application of Remote Sensing and GIS Techniques in Monitoring of Urban Sprawl – A Case Study of Tambram Taluk, Tamil Nadu”
3. Paper presented in the National Seminar conducted by Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli on 26th to 28th February, 2010. Paper entitled “Digital Image Analysis for Land use and Land cover Information Extraction for Kancheepuram District, Tamil Nadu”.
4. Paper presented in the National Seminar conducted by Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli on 1st and 2nd March, 2013. Paper entitled “Development of IT Industries and their Implications on Land use – A Case Study of Sholinganallur Sub Urban, Chennai”.
5. Paper presented in the Indian Geographic Congress on Sustainability, Environment and Society, conducted by Department of Geography, University of Madras, Chennai on 12th to 14th December, 2013. Paper entitled “Positive and Negative Impacts of IT Industries in Sholinganallur Taluk – Kanchipuram District, Tamil Nadu”.
6. Paper presented in the National Conference conducted by Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli on 23rd to 25th January, 2014. Paper entitled “Land Slide Assessment – A Case Study of Kothagiri Taluk, Nilgiri District”.
7. Paper presented in the National Seminar conducted by Department of Geography, Bharathi Women’s College, Chennai on 10th December, 2014. Paper entitled “Sustainable Urban Development of Chennai and its Surrounding Areas by using GIS”.
8. Paper presented in the National Seminar conducted by Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamarajar University, Madurai, on 13th and 14th August, 2015. Paper entitled “Shortest Route Alignment by using

Geoinformatics – A Case Study of Chennai Kattupalli Road to Guntur Chennai Highway”.

9. Paper presented in the National Seminar conducted by Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamarajar University, Madurai, on 19th and 20th February, 2015. Paper entitled “Implications Caused due to Changing Land use Pattern of Chennai IT Corridor – A Geoinformatics Approach”.
10. Paper presented in the National Conference conducted by Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamarajar University, Madurai, on 17th and 18th December, 2015. Paper entitled “Implications on Wetland – A Case Study of South Chennai by Geoinformatics Approach”.
11. Paper presented in the National Conference conducted by Centre for Remote Sensing and Geoinformatics, Sathyabhama University on 29th and 30th October, 2015. Paper entitled “The Impacts of Development on the Landscape of the Coastal Regions in Sholinganallur Taluk – A Geoinformatics Approach”.
12. Paper presented in the International Conference conducted by Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli on 5th to 7th February, 2016. Urban Flood Management - A Case Study of South Chennai by Geoinformatics Approach”.
13. Paper presented in the International Conferences conducted by Department of Geography, University College, Mangalore on 16th and 17th February, 2016. Built-up Area Development and its Implication on Coastal Region of Sholinganallur Taluk in Kanchipuram District, Tamil Nadu”.
14. Paper presented in the National Seminar on Geoinformatics for Rural Health and Environmental Sustainability: Problems and Prospectives, conducted by Department of Geography, University of Madras, Chennai on 28th and 29th March, 2017. Paper entitled “Emerging Environmental Issues on Wetland – A Case Study of Pallikaranai Marshland”.
15. Paper presented in the National Conference conducted by Department of Geography, School of Earth and Atmospheric Sciences, Madurai Kamaraj University, Madurai, on 4th and 5th October, 2018. Paper entitled “Application of Geospatial Technologies for Sustainable Resource Management – A Case Study of Chennai Metropolitan Area”.
16. Paper presented in the International Conference organized by Department of Geography, Jamia Millia Islamia, New Delhi on 25th and 26th November, 2020. Paper entitled “Aspects of Integrated Approach for Route Alignment Study by Geospatial Techniques”.
17. Paper presented in the International Conference conducted by Centre for Remote Sensing and Geoinformatics, Sathyabhama University on 3rd and 4th December, 2020.

Paper entitled “Resilience and Urban Flood Risk Reduction of Chennai Metropolitan Area”.

18. Paper presented in the National Conference conducted by Centre for Remote Sensing and Geoinformatics, Sathyabhama University on 3rd and 4th August, 2022. Paper entitled “Identification of Artificial Water Storage and Recharge Potential Locations by using Geospatial Technology”.

Participation at National, International Conferences and National Seminar

1. Participated in the first “Geo – Gathering” by Department of Geography, University of Madras, Chennai on 19th September, 2003.
2. Participated in the National Conference conducted by Madras Christian College, Chennai on “Indian Higher Education: Contemporary Challenges and Perspectives” held on 23rd to 25th July, 2012.
3. Participated in the National Conference conducted by Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli on 24th and 25th January, 2014.

Workshop and Training:

1. Attended National Workshop on “GIS for Natural Resources & Disaster Management” conducted by Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli on 3rd to 7th March, 2008.
2. Attended National Workshop on “Photogrammetry: Principles and Applications” conducted by Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli on 23rd to 25th January, 2014.
3. Attended Training Programme on “Bhuvan Overview” National Remote Sensing Centre, Department of Space, Indian Space Research Organisation, Hyderabad on 7th and 8th April, 2015.
4. Attended National Workshop on “Leadership Training” conducted by Xavier Institute of Management & Entrepreneurship, Bangalore on 24th – 25th April, 2017.
5. Attended National Workshop on “Resistivity Surveying” conducted by Centre for Remote Sensing and Geoinformatics, Sathyabhama University on 19th – 20th July, 2018.
6. Attended International Workshop on “Statistical Data Analysis and Interpretation using SPSS” conducted by Special Minds, Chennai on 27th and 28th June 2020.

7. Attended National Workshop on “Statistical Data Analysis and Interpretation using SPSS”, organized by Institute for Statistics and Analytical Research on 11th to 14th June, 2020.
8. Attended National Workshop on “Structural Equation Model (SEM)”, organized by Institute for Statistics and Analytical Research, Chennai on 3rd to 5th July, 2020.
9. Attended National Training on “ICT Competency for Higher Education Teachers”, organized by Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai on 13th to 15th July, 2020.
10. Attended National Training on “Basic Principles of Disaster Management” organized by National Institute of Disaster Management, New Delhi on 25th to 27th August, 2021.
11. Attended National Training on “Advance GIS Mapping by using QGIS”, organized by Centre for Environmental Research Education and Development on 5th to 6th March, 2022.

Webinar

1. Attended in the National Webinar on “Environmental Degradation and Pandemic” conducted by Department of Geography, Govt. Arts College, Salem on 26th June, 2020.
2. Attended in the National Webinar on “Tribal Ecological Knowledge and its Need for Environmental Health Services”, organized by the Centre for Water Resources Management, University of Madras on 13th October, 2020.
3. Attended in the National Webinar on “Real Time Development Applications of Remote Sensing and GIS” organized by the Department of Geography, Nirmala College for Women, Coimbatore on 20th June, 2020.
4. Attended in the National Webinar on “Online Demonstration of Google Classroom and Customization in Certify'em”, organized by Guru Nanak College, Chennai on 26th June, 2020.

Faculty Development Programme / Refresher Course / Orientation

1. Attended the faculty development programme on “Experience the Cutting Edge Elsevier Tools to Pivot your Research” conducted by Karunya Deemed University, Coimbatore on 18th June, 2020.

2. Attended the faculty development programme on “Effective Use of ICT and E-Content Development” conducted by Atmiya University, Gujarat on 23rd to 25th July, 2020.
3. Attended the faculty development programme on “E-Content Development” organized by Madras Christian College, Chennai on 10th to 13th August, 2020.
4. Attended two week Inter-Disciplinary Refresher Course on “Managing Online Classes and Co-creating MOOCS 5.0” organized by Teaching Learning Centre, Ramanujan College, University of Delhi, from 11th to 25th May, 2021.
5. Attended two week faculty development programme on “Erudite Leadership: Transforming Higher Education Institutions” organized by Special Minds, from 9th to 22nd October, 2021.
6. Attended four week Orientation Programme on “Faculty in Universities / Colleges / Institutes of Higher Education” organized by Teaching Learning Centre, Ramanujan College, University of Delhi, from 19th November to 18th December, 2021.
7. Attended two week Refresher Course on “Geography, Geographers and Geospatial Technologies: Impacting Physical, Social and Gendered Spaces ” organized by Teaching Learning Centre, Ramanujan College, University of Delhi, from 22th November to 6th December, 2021.
8. Attended two week Refresher Course on “Recent Trends in Geography” organized by Teaching Learning Centre, Ramanujan College, University of Delhi, from 26th June to 10th July, 2022.

Publications:

1. Paper Published in the International Journal of Current Research with ISSN: 0975-833X in the year 2011, paper entitled “Land use / Land Cover Change Detection Through using Remote Sensing and GIS Technology – A Case Study of St. Thomas Mt. Block, Kancheepuram District, Tamil Nadu”.
2. Paper Published in the International Journal of Current Research with ISSN: 0975-833X in the year 2011, paper entitled “An Analysis of Land Use / Land Cover using Remote Sensing Techniques – A Case Study of Tambaram Sub Urban, Kancheepuram District, Tamil Nadu”.
3. Published Edited Book entitled “Disaster Management: Issues and Challenges” with ISBN: 978-93-81006-75-7 in the year 2014.
4. Paper Published in the International Journal of Geomatics and Geosciences with ISSN: 0976-4380 in the year 2015, paper entitled “An analysis of Land use / Land Cover in Kadalundi River Basin using Remote Sensing and GIS”.

5. Paper Published in the Advanced Research Publications Journal with ISSN: 2455-3190 in the year 2015, paper entitled “The Impacts of Development on the Landscape of the Coastal Regions in Sholinganallur Taluk – A Geoinformatics Approach”.
6. Paper Published in the Advanced Research Publications Journal with ISSN: 2455-3190 in the year 2015, paper entitled “Study on Error Matrix Analysis of Classified Remote Sensed Data for Pondicherry Coast”.
7. Paper Published in the Edited Book Geospatial Technologies for Resource Evaluation and Management with ISBN: 978-93-84193-36-2 in the year 2015, paper entitled “Shortest Route Alignment by using Geoinformatics – A Case Study of Chennai Kattupalli Road to Guntur Chennai Highway”.
8. Paper Published in the Edited Book Land use / Land cover and its impact: Spatial Challenges and Geospatial Technologies with ISBN: 978-93-80686-03-5 in the year 2015, paper entitled “Implications Caused due to Changing Land use Pattern of Chennai IT Corridor – A Geoinformatics Approach”.
9. Paper Published in the Edited Book Sustainable Development of Natural Resources in the year 2016, paper entitled “Urban Flood Management – A Case Study of South Chennai and its Surrounding Areas by Geo-Informatics Approach”.
10. Paper Published in the Edited Book Remote Sensing, GIS and GPS with ISBN: 978-93-84193-61-4 in the year 2015, paper entitled “Implications on Wetland – A Case Study of South Chennai by Geoinformatics Approach”.
11. Paper Published in the Indian Journal of Geo Marine Sciences in the year 2019, paper entitled “Evaluation of Coastal Aquaculture Ponds using Remote Sensing and GIS”.
12. Paper Published in the International Journal of Development Research in the year 2020, paper entitled “A Study on Geo-Tourism Perspective of Mudhaliyar Kuppm Backwater in Cheyyur Taluk of Chengalpattu District in Tamil Nadu – A Geospatial Approach”.

Lectures Delivered:

1. Delivered Lecture on the topic “Remote sensing and GIS” in the National Seminar on Geoinformatics for Rural Health and Environmental Sustainability: Problems and Prospectives, conducted by Department of Geography, University of Madras, Chennai on 28th – 29th March, 2017.
2. Delivered Lecture on the topic “Remote Sensing and GIS Applications” in the National Seminar on Emerging trends in Satellite Technology and Applications by Centre for Remote Sensing and Geoinformatics, Sathyabhama University on 22nd - 23rd March, 2019.

3. Delivered Lecture on the topic “Advance Course in Para Taxonomy” a Certificate Course under the Green Development Programme of the Ministry of Environment, Forest and Climate Change, New Delhi jointly organized by Department of Botany, Madras Christian College from 31st January to 26th March 2022.

Conference Organized:

1. National Conference on “Disaster Management: Issues and Challenges” on 28th February, 2014.
2. National workshop on “Cleanliness in Tourist Destinations” on 8th December, 2017.
3. National workshop on “Employment Opportunities in Tourism” on 30th July, 2018.
4. National workshop on “Disaster Management in Tourism” on 20th September, 2018.
5. National workshop on “Advanced Technologies in Tourism” 28th and 29th November, 2019.

Published Edited Book:

1. Published Edited Book entitled “Disaster Management: Issues and Challenges” with ISBN: 978-93-81006-75-7 in the year 2014.

Software Skills:

Arc GIS, MapInfo Professional, Surfer, ERADAS Imagine, SPSS, Microstation, Socetset, LPS

Additional Qualification and Extra Curricular Activities:

- CCC (College computer curriculum) from NIIT, presidency college Chennai
- Type writing Lower (30 words per minute)
- NCC ‘B’ Certificate
- Sub regional tournament (Football)
- Guard of Honour for JUSTICE M. FATHIMA BEEVI (Ex-Governor)
- National level Social Science Exhibition
- Athletics Certificates

(Dr.Yasodharan Suresh)