

# RESUME

**R. M. YUVARAJ M.Sc. Ph. D**

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## Objective

To research in a globally competitive environment on challenging assignments that shall yield the twin benefits of the research satisfaction and a steady-paced professional growth.

## Academic Background

### ➤ Ph.D in Geography

University	: University of Madras
Year of Passing	: February 2020
Broad Theme	: Environmental Geography
Title	: Agricultural Land Transformation, Productivity Pattern and Land Degradation: A Case Study of Pudukkottai District

### ➤ M.Sc GEOGRAPHY

University	: Madras University
Percentage	: 61.3%
Year of Passing	: 2012

### ➤ B.Sc MATHS

College	: The New College
Percentage	: 55%
Year of Passing	: 2009

### ➤ XII Standard

School	: Avichi Higher Secondary School
Percentage	: 66%
Year of Passing	: 2006

### ➤ X Standard

School	: Our Angel Matriculation Higher Secondary School
Percentage	: 70%
Year of Passing	: 2004

## Special Qualification

- **UGC-NET** April 2014 in Geography
- **UGC-NET** June 2015 in Geography
- **UGC-Junior Research Fellow** June 2015 in Geography
- **UGC-Senior Research Fellow** July 2017 in Geography

## Publication:

- July 2021, “Statistical and machine intelligence based model for landslide susceptibility mapping of Nilgiri district in India”, Environmental Challenges, Vol – 05 (**Elsevier**).
- February 2020, “Geo-Spatial analysis of irrigation water quality analysis of Pudukkottai District”, Applied Water Science, Vol – 10, Issue – 82 (**Springer, SCI**)
- August 2020, “Extents of Predictors for Land Surface Temperature Using Multiple Regression Model”, The Scientific World Journal, Vol – 2020 (**Scopus Indexed**).
- October 2020, “Assessment of Land Use/Land Cover and Its Dynamic Using Geospatial Techniques in Pudukkottai District of Tamil Nadu, India”, Environment and Ecology Research, Vol – 8, Issue 4, pp. 85 – 99 (**Scopus Indexed**).
- June 2018, “GIS Based Soil Fertility Status of Pudukkottai District”, Interdisciplinary Research and Innovations, Vol – 6, Issue – 2 (**UGC Care List**).
- June 2018, “Spatial and Temporal Distribution of Rainfall in Pudukkottai District of Tamil Nadu”, International Journal of Research, Vol – 5, Issue – 6 (**UGC Care List**).
- December 2019 “Landslide Susceptibility Mapping Using AHP Model In Nilgiri District”, Thematics Journal of Geography, Vol – 8, Issue – 12 (**UGC Care List**).
- August 2020, “Statistical Analysis on the Interrelationship between Socio-Demographic and Anxiety of Landslide among the Tribal People”, Inclusive, Vol – 1, Issue – 17 (**UGC Care List**)
- October 2014, “Principal crop concentration in Cauvery basin – Tamil Nadu”, Indian Journal of Applied Research, Vol-4, Issue-10, pp.289-292.

- May 2016, “Continentality and Rainfall over Cauvery Delta Region of Tamil Nadu”, Imperial Journal of Interdisciplinary Research, Vol – 2, Issue – 6, pp.727-734.
- May 2016, “A Comparative Study On Continentality And Paddy Yield Among Dindigul, Madurai, Sivangai, Pudukkottai and Trichy Districts of Tamilnadu”, Imperial Journal of Interdisciplinary Research, Vol – 2, Issue – 7, pp.758-763.
- September 2017, “A study on temperature and agricultural production in Cauvery delta districts of Tamilnadu”, Asian journal of Science and Technology, Vol – 8, Issue – 09.

### Chapter Publication

- Yuvaraj R M (2021). Geo-statistical analysis of Environmental impact on mental health of constructional workers – A case study of Chennai City. In Mohammad Izhar Hassan, Shouraseni Sen Roy, Uday Chatterjee, Samik Chakraborty & Uttara Singh (Ed.), *Social Morphology, Human Welfare & Sustainability* (pp. 11–25). Springer Nature.
- Yuvaraj R M (2021). The Role of Media on Delivering Climate and its Related Information: an analysis. In Gundappa Vaijappa (Ed.), *Digital Communication for Development of Indian Education System challenges And Oportunities* (pp. 10–19).

### Book Publication

- Yuvaraj R M (2021). *Eco-Tourism: A Geographical Perspective: A special reference to Nilgiri District*. LAP LAMBERT Academic Pubishing (ISBN: 978-620-4-74805-4)

### Workshop:

- Attended the course of “**Data Analysis, Regression and multivariate Analysis using IBM SPSS Statistics for Windows, Version 22.0**”, jointly conducted by SRM University and SPSS.
- Five day workshop on **GIS Modeling**, Organized by Bharathidasan University, Tiruchirappalli, 12<sup>th</sup> March to 16<sup>th</sup> March 2018.
- E-Training on “**Basics of Image Interpretation**” conducted by PGRS Division of GSI Training Institute from 22 February 2021 to 24 February 2021.
- **Remote sensing and Digital Image Proceession of Satellite data** conducted by NPTEL Online Course with 88 percent.
- “**Earth Imagery at work**” conducted by ESRI for 6 week by online.

- “**Geo-informatics for Disaster management**” online course conducted between 05-04-2021 to 16-04-2021 by ISRO, IIRS and Govt. of India.
- “**Geospatial technology for archeological studies**” online course conducted between 17-05-2021 to 21-05-2021 by ISRO, IIRS and Govt. of India.
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### **Journal Reviewer**

- Applied water science – Springer journal
- Journal of Water Resources and Ocean Sciences
- Journal of Geography, Environment and Earth Science International.

### **Award**

- “Young Scientist Award” – VDGGOOD Technology Factory

### **Skills**

- Python Programming (Basics)
- Type-writing – English, Tamil.
- Application knowledge in ArcGIS, ERDAS and SPSS.

### **Personal Profile**

Name	: R.M. Yuvaraj
Mother’s Name	: R. Muthulakshmi
Date of Birth	: 28-09-1987
Gender	: Male
Marital Status	: Single
Nationality	: Indian
Languages Known	: English, Tamil.

### **Declaration**

I here by declare that the information furnished above is true to the best of my knowledge and belief.

Place : Chennai

Date : 29-04-2022

Dr. YUVARAJ R M