

## STAFF PROFILE

- 1) Name : Sreelakshmy.M
- 2) Designation : Assistant Professor
- 3) Department : Geography
- 4) Qualification : M.Sc., M.Phil., B.Ed., Ph.D (pursuing)
- 5) Experience : Teaching : 8 years      Research : 5 years
- 6) Area of Specialization (s) : Water resources management, disaster management, climate change studies.
- 7) E-mail : [sreelumohan2010@gmail.com](mailto:sreelumohan2010@gmail.com),  
[sreelakshmy@nirmalacollegeonline.ac.in](mailto:sreelakshmy@nirmalacollegeonline.ac.in)
- 8) Academic Qualifications : M.Sc., M.Phil., B.Ed., Ph.D. (Thesis submitted)
- 9) Additional Qualifications :

<b>Diploma/ Vocational/ Certification</b>	<b>Area of Specialization</b>	<b>Institution/ University/ Agency Name</b>	<b>Year</b>
Basic Counselling Course	Counselling	University of Calicut	2005
Off Campus Outreach Training Program	Remote Sensing, Geographical Information System and Global Positioning System	Indian Institute of Remote Sensing.	2010

### 10) Grants Received

<b>Event Title</b>	<b>Agency</b>	<b>Amount</b>	<b>Date</b>
Nil			

### 11) Projects

#### Completed

<b>Project Title</b>	<b>Agency</b>	<b>Amount</b>	<b>Duration</b>
Pharmasud ( Local Knowledge, Market Construction and Globalization: Two Modes of Pharma Innovation in the Global South)	Centre de Recherche Medecine, Sciences, Sante, Sante Mentale et Société (CERMES3), Paris, France.	500000	1 year (2013)

Ongoing

<b>Project Title</b>	<b>Agency</b>	<b>Amount</b>	<b>Duration</b>
Nil			

12) Research Guidance

<b>Programme</b>	<b>No. of Scholars</b>	
	<b>Completed</b>	<b>Pursuing</b>
<b>Ph. D.</b>	Nil	
<b>M. Phil.</b>	Nil	

13) Research Publications

#### **International**

**Sreelakshmy.M**, Dhanusree. M and Thangamani V, Application of GIS techniques to understand the geomorphometric characteristics of a tropical watershed in South India, Geology, Ecology and Landscapes, 2021. DOI: 10.1080/24749508.2021.1952749

#### **National**

**1. Sreelakshmy M & Dr.v.Emayavaramban**, A Micro study of Climate and Human health in Elavanchery panchayath of palakkad district, kerala, The Deccan geographer- Volume 51, Number 1&2, June-Dec 2013, ISSN-0011-729, 1-9.

**2. Sreelakshmy M & Dr.V.Thangamani**, Analysis Of Land Use / Land Cover And Change Detection Using Remote Sensing and GIS: A Case Study, Journal of Advanced Scientific Research 2020; 11 (2): 221-227 (UGC approved journal)

**3. Sreelakshmy. M & V. Thangamani**, Application of geospatial techniques in delineation of groundwater potential zones of Vannathangari watershed of Noyyal River Basin, Tamil Nadu, India, Indian Journal Of Geography & Environment 17-18 (2021) ISSN:0972-7388. (UGC approved journal)

**4. Sreelakshmy.M**, Dhanusree. M and Thangamani V, A Spatio temporal analysis of selected rainfall characteristics : A case study of Vannathangarai watershed, Tamil Nadu, Journal of Scientific Research, Volume 65, Issue 3, 2021. DOI: 10.37398/JSR.2021.650306 (UGC approved journal)

14) Other Publications

**M.Sreelakshmy & Dr.V.Thangamani**, Evaluation of groundwater resources in Palakkad district, Kerala, Geospatial Technologies for resource Evaluation and management- ISBN 978- 93-84193-36-2, 87-95

### 15) Book Publications

Authored a chapter named “Untangling the web of raw material supply for the Ayurvedic industry: the complex Geography of Plant Circulations” along with Dr. Lucie Dejouhanet in the book titled “**Asian Medical Industries**” published by Routledge Publications (Taylor & Francis Group)

### 16) Consultancy

Nature of Consultancy	Client	Amount	Completion Status
Nil			

### 17) Presentations in Conference

#### **International**

Presented paper titled “Identification of groundwater potential Zones of Vannathangarai watershed of Cauvery river basin using geospatial techniques.” in the International Conference on Emerging trends in Science & Social Science organized by VHNSN College, Virudhunagar & Institute for Integrated Regenerative Medicine, Malaysia, during 03.05.2019 and 04.05.2019 at Kuala Lumpur, Malaysia.

#### **National**

Presented a paper titled “Evaluation of groundwater Resources in Palakkad district, Kerala”, in the National Seminar on Geospatial technologies for Resource Evaluation & management organized by Dept of Geography, School of Earth & Atmospheric Sciences, Madurai Kamaraj University, Madurai. (UGC- SAP-DRS sponsored) during 13.08.2015 and 14.08.2015.

Presented a paper titled “Groundwater quality Assessment for sustainable development by using Geospatial Techniques” in National Seminar on Recent trends in environmental monitoring & conservation organized by Alphonsa College, Pala & Kerala State Council for Science, Technology & Environment sponsored during 19.06.2018 and 20.06.2018.

Presented paper on the title “Analysis of rainfall variability trend using GIS in Vannathangarai watershed of Noyyal river Basin of Tamil Nadu for sustainable development of water resources” in the Indian Geography Congress, organized by National Association of Geographers, India (NAGI) and Dr. Hari Singh Gour Vishwavidyalaya, Sagar, Madhya Pradesh on 28.12.2019 and 30.12.2019.

### 18) Participation in Conference

### 19) Participation in Seminar

- Participated in National Seminar on “Emerging frontiers in geomatic Applications” organized by School of Earth & Atmospheric Sciences, Madurai Kamaraj University, Madurai. (UGC- SAP-DRS sponsored).

- Participated in National Seminar on “Education in Current Scenario” organized by Hindustan College of education, Coimbatore.

#### 20) Participation in Workshop

- Participated in 5 days Tier II training course on “Aquifer Information System & Aquifer Management Plan” organized by Central Groundwater Board, Kerala region.
- Participated in One year long Leadership & Personality Development Course “As I Evolve” organized by Rotary Club of Coimbatore
- Attended a Workshop (UGC sponsored Program) on Outcome based Education organized by IQAC, Nirmala College for Women, Coimbatore.
- Attended a Workshop (UGC sponsored Program) on “Intellectual Property Rights, Patents & Copyrights” organized by IQAC, Nirmala College for Women, Coimbatore.
- Participated in Hands on Training Program on “Remote Sensing, GIS & Resource Mapping” organized by Kerala State Council for Science, Technology & Environment – Kerala Forest Research Institute- Peechi.
- Attended the Workshop on “MOOCs, E content development and Open Educational Resources” organized by UGC- Human resource Centre, Bharathiar University, Coimbatore

#### 21) Participation in Orientation Programme/ Induction Programme/ Short term Courses

- Attended the 119<sup>th</sup> Orientation Programme conducted by UGC HRDC- Bharathiar University, Coimbatore.
- Attended the 1<sup>st</sup> Refresher course in geography Organised by the UGC- HRDC, Jawaharlal Nehru University, New Delhi.

#### 22) Participation in Faculty Development Programme

- Participated in Faculty Development Program (Under DBT Star College Scheme) on the topic “Environment Audit on Infrastructure, Extension Activity & Institutional Social Responsibility” organized by IQAC, Nirmala College for Women, Coimbatore.
- Participated in Faculty Development Program (Under DBT Star College Scheme) on the topic “Hands on Training programme on Google Docs, Kahoot Apps & Online book publishing” organized by Dept of Mathematics, Nirmala College for Women, Coimbatore.
- Participated in Faculty Development Program (online) on the topic Moodle Learning management system organized by Dept of Computer Science, Kaypeeyes College of Arts and Science, Kotagiri.
- Participated in Faculty Development Program (online) on the topic “Current research trends in social science techniques in enhancing teaching & learning skills” organized by IQAC,

Idhaya College for Women, Kumbakonam.

- Participated in Faculty Development Program (online) on the topic “Higher education in the VUCA World” organized by IQAC, Nirmala College for Women, Coimbatore.
- Participated in Faculty Development Program (online) on the topic “Evolution from Offline to Online Teaching” organized by IQAC, SPD College, Thane & Dept of IT, University of Mumbai & Microsoft

23) Conference/ Seminar/ Workshop Organized

Nil

24) Invited Speaker/ Session Chair – Conference/ Seminar/ Workshop

- Served as Session Chair on “M- Governance in Social life” at the International Conference on Emerging trends in Science & Social Science organized by VHNSN College, Virudhunagar & Institute for Integrated Regenerative Medicine, Malaysia, held at Kuala Lumpur, Malaysia
- Served as resource person for Guest Lecture on “Disaster Management” at the PSGR Krishnammal Higher Secondary School for girls.

25) Member in Board of Study

Nil

26) Editorial/ Review Board Member

Nil

27) Membership in Professional Bodies

<b>Name of Professional Body</b>	<b>Nature of Membership</b>	<b>Duration</b>
Institute of Indian Geographers.	Life Membership	2019 onwards
Indian National Cartographic Association.	Life Membership	2019 onwards
National Association of Geographers, India	Life Membership	2019 onwards

28) Awards and Achievements

29) Any Other