



CURRICULUM VITAE

AMALRAJ.M

Souparnika Illom

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Experienced Disaster Management professional with key strengths in programme management, situation analysis, adaptation skills, and efficiency to produce result-oriented outcomes through critical thinking, and innovative approaches. Experienced in Working with the SDMA-DDMA team and leading the team in crises, with problem-solving skills.

I. WORK EXPERIENCES:

i. ASSISTANT PROFESSOR, DISASTER MANAGEMENT CENTRE, ILDM:

Period 2011 March - Continuing

Completing successful 12 years of experience as Assistant Professor, at the Disaster Management Centre, of the Institute of Land and Disaster Management, under the Department of Revenue & Disaster Management, Government of Kerala, to impart professional training to the state government employees as well as the public since 2011 March.

II. ADDITIONAL CHARGES

ii. PROGRAMME IN CHARGE IGNOU STUDY CENTER: 40030P

Period 2017 January – Continuing

Served as the programme in charge of Indira Gandhi National Open University study center 40030P for conducting 04 disaster management programmes for 5 years.

iii. STATE NODAL OFFICER, VHF RADIO TELECOMMUNICATION

Period 2014 June -17 June

I possessed the additional charge of the State Nodal Officer, VHF Radio Telecommunication, Department of Revenue and Disaster Management, Government of Kerala for 3 years.

III. DISASTER MANAGEMENT EXPERT IN THE DISTRICT ADMINISTRATION

September 2009 to February 2011

Served as the Emergency Operation Centre's technical staff and advisor to District Administration Ernakulam for 1.5 years.

IV. INTERNSHIP ON GOK – UNDP DRM PROGRAMME

December 2008 to August 2009

Served as District Disaster Management Intern for 9 months in Ernakulam District Kerala as a part of the Disaster Risk Management Programme implemented by the Department of Revenue & Disaster Management of the Government of Kerala and funded by the United Nation Development Programme.

EDUCATIONAL SUMMARY:

Sl No	Degree	School/University	Passing Year	Percentage of Marks
1	SSLC /10 th	G.M.H.S Palakkuzha, Kerala-686662	1999	78%
2	Pre-Degree /+2	M G University, Kerala -686560	2001	63%
3	B.Sc. Physics	M G University, Kerala -686560	2004	78%
4	M.Sc. Physics	Bharathidasan University, Tamilnadu-621212	2006	65%
5	M.Sc. Disaster Management	M G University, Kerala-686560	2008	73.5%
6	Certificate in Counseling Psychology	State Resource Center Kerala, Nandavanam , - 695033	2019	80.8%

COMPUTER KNOWLEDGE AND OTHER SKILLS

1. 25 years of experience in the field of computers, since 1998, with Operating systems DOS, Windows (9x/NT, XP and above) Linux (Ubuntu).
2. Languages Known: BASIC, C, Script languages known HTML. Experienced in computer hardware since 2006.
3. Software Skills - GIS (ARC GIS, Q GIS), Satellite Image analysis with Erdas Imagine, MS Office. Dash Board making with Google dashboard.
4. Emergency RADIO Communication –HAM Radio - 1st Grade License holder since 2010, the only hobby approved by the UN.

INCIDENTS WITH THE ROLE OF RESPONDER

1. Kerala State Meenchi River Flood of 2007
2. Bihar State Kosi River flood of 2008
3. March Showers of Kottayam District in 2008
4. Thalnadu landslide in Kottayam District in 2008
5. Land Slides of Wayanad District during the South West Monsoon 2009
6. Bomb Explosion on Civil Station, Ernakulam on 10th July 2009
7. Biogas plant explosion at Edathala, Aluva on 2009 August 26
8. Sulfuric acid tanker leak at Adoor – Parakkode on 2011 November 8.
9. VHF Radio Emergency Communication Network and Emergency Operation Centers were operationalized during the Sabarimala Pilgrimage season from 2011 to 19 every year, as crowd management activities of the state government.
10. Established Emergency Communication Network through HAM Radio and operationalized EOCs during Thrissur Pooram Festival in 2016 and 2017, as a crowd management activity of the State. Since 2019, served as Master Trainer in Incident Response System (IRS).
11. Kerala Flood 2018, 2019
12. Served as Organizing secretary to the international conference on landside risk reduction 2022.

ACHIVEMENTS (Details Appended)

Awareness Video and Online Training Modules	: 03 Nos
Book Publication for State Government	: 10 Nos
Reviewer	: 03 Nos
Research Publications	: 05 Nos
Publication for Other agencies	: 02 Nos
Other Publications / Reports	: 12 Nos
Research guidance: International	: 04 Nos
Research guidance: National	: 25 Nos
International training	: 02 Nos
National training/seminar/workshop	: 28 Nos
Short term courses	: 18 Nos

PERSONAL PROFILE

Mothers Name : SMITHA K. M.
Father's Name : P.N.MURALIDHARA SHARMA
Age : 38 Years
Date of Birth : 18-05-1984
Sex : Male
Nationality : Indian
Marital Status : Married
Languages Known : English, Malayalam, Tamil and Hindi
Hobbies : HAM RADIO Operator, Cooking (Veg)

REFERENCES

Dr. A. P. Pradeep Kumar Professor Department of Geology Kerala University Trivandrum, Kerala geo.pradeep@gmail.com +91 98952 45380	Dr. Shibu K. Mani Associate Professor Civil Engineering Christ University, Mysore Road, Kanmanike, Kumbalgodu, Bangalore - Karnataka, India shibuk.mani@christuniversity.in +91 9619612971	Dr. D. Sajith Babu IAS Director Institute of Land and Disaster Management, Department of revenue and Disaster Management, Government of Kerala. 695038 sajithias2012@gmail.com +91 94472 71243
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DECLARATION

I hereby declare that all the above stated information is correct to the best of my knowledge.



Place: Thiruvananthapuram
Date: 14-03-2023

(AMALRAJ.M.)

PUBLICATIONS:

Awareness Video and Online Training Modules: 03 Nos

1. (2022) Disaster Response Part 1. Online Class Module YouTube <https://www.youtube.com/watch?v=9QjWhdDjrlQ&t=380s>
2. (2022) Disaster Response Part 2. Online Class Module YouTube https://www.youtube.com/watch?v=z7FzD4NymT4&list=PL8Wzlkpq_NYDgrbfhpxjqjCyld4o_Qmkj&index=2
3. (2014) Animation Movie on Disaster Management <https://www.youtube.com/watch?v=hqWp8P5GJ9I>

Book Publication for State Government: 10 Nos

1. (2023) Indigenous Knowledge for Disaster Management (Malayalam) Institute of Land and Disaster Management. (Under Preparation)
2. (2023) Food Poisoning (Malayalam) Institute of Land and Disaster Management. (Under Preparation)
3. (2022) Editor to the proceedings volume International Conference on Landslide Risk reduction 978-81-95846-9-0
4. (2022) Climate Change and Disaster Management (Malayalam) Institute of Land and Disaster Management. ISBN: 978-81-958462-4-5
5. (2022) Post Disaster Psychosocial care (Malayalam) Institute of Land and Disaster Management. ISBN: 978-81-958462-5-2
6. (2021) Drought Management (Malayalam) Institute of Land and Disaster Management. ISBN: 978-81-958462-3-8
7. (2021) Flood Management (Malayalam) Institute of Land and Disaster Management. ISBN: 978-81-958462-6-9
8. (2021) Landslide Safety Guidelines (Malayalam). Institute of Land and Disaster Management. ISBN: 978-81-958462-2-1
9. (2021) Cyclone Risk management Guidelines (Malayalam). Institute of Land and Disaster Management ISBN: 978-81-958462-1-4
10. (2019) Lightning Safety Guidelines (Malayalam). Institute of Land and Disaster Management ISBN: 978-81-946277-1-5
11. (2019) Crowd Management Guidelines (Malayalam). Institute of Land and Disaster Management ISBN:978-81-958462-0-7

Reviewer: 03

1. TOT Module for Strengthening PRIs for Mainstreaming DRR & CCA in Development, National Institute of Disaster Management (2022)
2. Training of Trainers Module for Teachers on Creation of Culture of Safety through Knowledge and Education, National Institute of Disaster Management (2022)
3. Financing Recovery: A Case of Kerala Floods 2018, Disaster and Development, Journal Disaster and Development, National Institute of Disaster Management (2021)

Research Publications: 05

1. **Amalraj.M,** Babu N. (2017). Specific Disaster Management System at District Level: Review of Sabarimala Pilgrimage, Kerala, India in administrative perspective: Key Note address , Disaster Risk and Vulnerability Conference (DRVC 2017) held on 29-31 March 2017 organised by the Department of Geology, University of Kerala, Trivandrum , India.
2. Anju L, Ambily P.G., Gopikrishna V.G., and **Amalraj M,** A Study on the Scope and Importance of Tuber Crops with Special Reference to Cassava as Resilient Crop towards Climate Change', in the Journal of Earth Science and Climate Change, 2014 May, ISSN:2157-7617.
3. Anitha.K, **Amalraj.M,** Mohan K, Illiyas F T, Mani S. K.,(2012), An Assessment on intrinsic vulnerability to flood hazard of River Killiar in Thiruvananthapuram District, Paper presented to the National Conference on Conservation and Management of wetland eco systems held at School of Environmental Sciences M G University on the 06-08 of November 2012
4. Mohan K., **Amalraj M.,** and Illiyas F.T *Chemical Disaster - Sulphuric Acid Tanker Accident At Parakkode, Near Adoor, Pathanamthitta District, Kerala – A Case Study.* Paper presented in the International Conference on Disaster Management, held at Noorul Islam University, Kumaracoil, Thuckalay, Tamilnadu, on the 27th & 28th of January 2012 at the NIU campus.
5. Mani S.K., Irshad M., Sanyal S., Illiyas F.T., and **Amalraj M.,** (2011) *Health and Humanitarian Logistics: What Beyond "Relief"?*. Poster presented in the International Conference 'Health and Humanitarian logistics' held on March 3-4 at Georgia Tech University, Atlanta

Publication for Other agencies: 02

1. (2014) Hand book on Disaster Management for Officers, (English). State Emergency Operation Centre, Government of Kerala
2. (2018), Duranhangale Athijeevichu Munneram, Karuthalode, (Malayalam), Hand Book on DM to school students, Monorama Horizon. <https://www.manoramahorizon.com/>

Other Publications / Reports :12

1. (2018) Safety Walk 1 Pamaba to Sannidhanam - Hazard Assessment Report Sabarimala Festival – (English) Institute of Land and Disaster Management.
2. (2018) Safety Walk 2 Pathanmthitta to Pamaba - Hazard Assessment Report Sabarimala Festival – (English) Institute of Land and Disaster Management.
3. (2017) Safety Walk 1 Pamaba to Sannidhanam - Hazard Assessment Report Sabarimala Festival – (English) Institute of Land and Disaster Management.
4. (2017) Safety Walk 2 Pathanmthitta to Pamaba - Hazard Assessment Report Sabarimala Festival – (English) Institute of Land and Disaster Management.
5. (2016). Technical Report on disaster risk reduction & management towards rock fall in Kurinji & Kottamala in Ramapuram Panchayath,Kottayam District,Kerala. Institute of Land and Disaster Management
6. (2014) *Butterflies of ILDM.* (Malayalam) Institute of Land and Disaster Management.

7. (2013) *Surakshithapathayil -Chemical Emergency Management Guidelines* (Malayalam). Institute of Land and Disaster Management and United Nations Development Programme.
8. (2013) *Surakshithapathayil –Jala Suraksha*. (IEC Booklet in Malayalam) Institute of Land and Disaster Management.
9. (2012) *Surakshithapathayil -Chemical Emergency Management Guidelines* (Malayalam). Institute of Land and Disaster Management.
10. (2012) *Surakshithapathayil –Natural Disaster Management Guidelines* (Malayalam). Institute of Land and Disaster Management.
11. (2012) Kannanum Kootukarum –Level I (IEC Booklet in Malayalam). Institute of Land and Disaster Management.
12. (2012) *Surakshithapathayil –Rasa Durantha Lakhookarana Margangal* (IEC Booklet in Malayalam). Institute of Land and Disaster Management.

RESEARCH GUIDANCE: INTERNATIONAL : 04

1. Master of Science in Environmental Science and Disaster Management, School of Environmental Science, Mahatma Gandhi University, ‘A Comparative Study on Case Studies of Landslides In Four Tropical Countries’ (Ms. Hilma Israel- Namibia & Ms. Anjaly C.S. – India) School of Environmental Sciences, Mahatma Gandhi University July 2022.
2. Master of Science in International Planning and Sustainable Urban Management: ‘Review of City Disaster Management Plan: Thiruvananthapuram District, Kerala State, India, (Mr. Derreck Mamiwa (Malawi – Africa), the University of Reading, UK) July 2015
3. Master of Science in International Planning and Sustainable Urban Management: ‘Urban Flood Management: Thiruvananthapuram District, Kerala State, India, A comparative analysis of flood management in Beijing, China and Oxford, UK’ (Ms. Mirabelle Wang(China), the University of Reading, UK) August 2014
4. Internship work on Disaster-Management and Gender Vulnerability (Iifa Maitree (UK) Skinners’ Kent Academy, UK) September 2014

RESEARCH GUIDANCE: NATIONAL :25

1. Masters Degree Dissertation in MSc. Geology : Forest Fire Risk Zone Mapping of Karimpuzha Wildlife Sanctuary, Malappuram, Kerala . (Nandana K.C., K. J. Somaiya College of Science and Commerce, Somaiya Vidyavihar, Mumbai, 2022)
2. MSc. Geography internship Project work: Assessment of land use/ land cover change and it's effect on LST and UHI of Kochi municipal Corporation using Landsat Data. (Ajaydas P., Central University of Tamilnadu, 2022)
3. MSc. Geography internship Project work: Variability of Rainfall in Kerala.(Reshma A.V., Central University of Tamilnadu, 2022)
4. MSc. Geography internship Project work: “A comparative study on Tropical Cyclones and their impacts on various stages of Cyclonic Disturbances in Thiruvananthapuram District, in the Indian Sub-continent state of Kerala, during the period 2017-21”. (Athira Rajendran, Central University of Tamilnadu, 2022)

5. Masters Degree Dissertation in Public Health: A Study on Mass Gatherings, Crowd Density and its contribution to Covid 19 second wave in Kerala, (Dr. Athira M., Dr. Saranya P.S. Master of Public Health, SRM University Chennai, 2021)
6. Masters Degree Dissertation in Environmental Sciences: Comparative study of the perceived level of awareness and level of risk among religious crowd aggregates on crowd induced disasters: Its impacts and its management, (S. RENJITHA. MSc Env Sc Sree Sankara College Kalady, Ernakulam, Kerala, India, 2021)
7. Masters Degree Dissertation in Environmental Sciences: A study on the perceived level of awareness about pollution impacts on religious gatherings: with respect to Sree Udiyanoor Devi Temple, Bharata Rani Church, and Sree Dharma Sasta Temple, (Sherin Johnson. MSc Env Sc Sree Sankara College Kalady, Ernakulam, Kerala, India, 2021)
8. Masters Degree Dissertation in Disaster Management: A study on disaster relief assistance with special reference to Kerala flood 2018, (Anju Gayathri G. Kerala University of Fisheries and Ocean Studies, Panangad, Ernakulam, Kerala, India ,2020)
9. Masters Degree Dissertation in Disaster Management: a study on disaster response mechanisms in Kerala, (Manjusha A.A. Kerala University of Fisheries and Ocean Studies, Panangad, Ernakulam, Kerala, India, 2020)
10. M.Sc. Disaster Management Internship Project, The rainfall trend analysis of Kerala floods (Anugraha Raj, Ebin Paul, Midhun P. Chandrababu, Pondicherry Central University, 2019)
11. M.Sc. Geography Dissertation, A comprehensive study of Kerala flood 2018 with special reference to Alappuzha and Kottayam districts. (Rabeek Raja J, Ms. Sreehamsathwani S, Ms. N Hemalatha, Ms. Aani Raj S L, Madras University , Tamilnadu, 2019)
12. MSW Dissertation: A study on the assessment of loss, response and relief measures provided to the victims of cyclone Ockhi with special reference to Thiruvananthapuram District.(Sradtha Johney, Master of Social Work, Kuriakose Elias College Mannanam, Kottayam, Kerala,2018)
13. MSW Dissertation: A study on the cyclone preparedness of the trivandrum district in view of the devastating very severe cyclonic storm Ockhi 2017(Kezia Elizabeth Varghese, Master of Social Work, Kuriakose Elias College Mannanam, Kottayam, Kerala,2018)
14. B.Sc. Degree in Geography, Tourism and Travel Management dissertation: An analysis of Disaster Management Curriculum and Relevance of Geography in Disaster Management. (Miss . Nimisha N Menon, Madras University, Chennai, 2018)
15. Masters Degree Dissertation in Disaster Management: Disaster Resilience Measures in Hospitals of Kerala with reference to standard protocols. (Miss. Greeshma Prakash. P, Mahatma Gandhi University, 2017)
16. Masters Degree internship study in Disaster Management: The need and significance of multi-purpose cyclone shelters among vulnerable coastal communities in Kasaragod district, Kerala, India (Akhil.B, Ramya.T.S, Sneha Sukumaran.P, Master of Social Work, Central University of Kerala, 2017)
17. Masters Degree Dissertation in Disaster Management: A Statistical analysis of the crowd monitoring system in Sabarimala. (Miss. Sunu Sarah John, Kerala University of Fisheries and Ocean Studies 2016)

18. Master of Technology in Technology Management : Improvisation of innovative applications of Information Technology for effective disaster management - a proposal on Kerala perspective (Miss. Raji S Rajan, Kerala University 2016)
19. Master of Technology in Health Safety Engineering with specialization in Disaster Management: Increased Risk of Flash Floods in Trivandrum City .(Rishi S Nair ,University of Petroleum and Energy Studies, Dehradun ,2016)
20. Master of technology in Civil Engineering : Failure Analysis of Masonry Structures through Numerical Modeling – A Case Study’ (Mrs.Asha P Alias, Sree budha College of Engineering and technology, Mahatma Gandhi University,2015)
21. Master of Science in Public Health in Social Epidemiology: ‘A Study on Effect of meteorological Parameters on infectious diseases in Thiruvananthapuram District, Kerala ’ (Ms. Smitha Maria Thomas, Tata Institute of Social Science, Mumbai) May 2015.
22. Master of Science in Environment Science and Management: ‘A Study on Nuclear Safety Evaluation, Threats in Hospitals and Other Places’ (Mr. Abin Peter, Mahathma Gandhi University) November 2014.
23. Master of Science in Environment Science and Management: Impacts of Climate Change On Vembanad Lake And PearlSpot’ (Mr. Rohan Paul George, Mahathma Gandhi University) November 2014.
24. Masters Degree Dissertation in Disaster Management: A study on the scope and Importance of tuber crops, a better resilient towards the impact of climate change (Ms.Anju Lal, School of Environmental Sciences, Mahatma Gandhi University): July 2013
25. Masters Degree Dissertatin in Disaster Management: An Assessment on Intrinsic Vulnerability to Flood Hazard of River Killiar in Thiruvananthapuram District (Ms.Anitha .K, School of Environmental Sciences, Mahatma Gandhi University): July 2012

INTERNATIONAL TRAINING : 02

1. Awarded the **International Visitor Leadership Program (IVLP)** on “Disaster Preparedness and Emergency Management” by the United States of America conducted from 1 – 22 February 2020 in USA.
2. Asia Pacific Regional Training of Instructors on Eco System Based Disaster risk Reduction and Adaptation (ECO DRR /CCA) held at Bangkok, Thailand in 19-22 May 2015

NATIONAL TRAINING/SEMINAR/WORKSHOP :28

1. Leveraging Engineering and Technology for Disaster Risk Management in India Organized by the Department of Civil Engineering, School of Engineering & Technology at CHRIST University on 24 September 2022- Webinar
2. National Annual Training Conference 2022 (NATC 2022) Organised by National Institute of Disaster Management, New Delhi on 14th March 2022.
3. International seminar entitled Confronting Disaster: From Vulnerability to Resilience organized by the Department of Sociology of NSS Hindu college

- Changanassery on 24-25 January 2020 , in which faculty of DMC was an invited speaker.
4. Training on Incident Response System: Operations Section Chief and Logistic Section Chief: Organised by National Institute of Disaster Management, New Delhi on 28January-02 February 2019 held at YMCA Guest House, New Delhi.
 5. Training on Incident Response System: Incident Commander and Planning Section Chief: Organised by National Institute of Disaster Management, New Delhi on 3-7 December 2018 held at YMCA Guest House, New Delhi.
 6. Training on Incident Response System: Basic and Intermediate: Organised by National Institute of Disaster Management, New Delhi on 25-29 June 2018 held at YMCA Guest House, New Delhi.
 7. Invited speaker on National level training programme on Management of Crowd at large congregations held at NIDM Southern Campus, Andhra Pradesh Human Resource Development Institute (APHRDI), Bapatla, Guntur (Dist.), Andhra Pradesh on March 12-16, 2018.
 8. International seminar on water management combating climate uncertainties held at Hotel Appolo Dimoro, Thampanoor, Thiruvananthapuram on 22-23 March 2017
 9. National seminar on GIS by Esri India GeoVision on 9th December 2016, at Hilton Garden Inn, Punnen Road, Thiruvananthapuram
 10. Invited Speaker on the National seminar on Crisis management and business continuity planning organised by School of Management Studies , Cochin University of Science And Technology in February 2016
 11. Orientation Programme of Open and Distance Learning for academic counselors on 29th and 30th March 2016 held by IGNOU, Regional centre Trivandrum, Kerala 695002
 12. Master Trainer's Training Programme on climate change and disaster risk reduction organized by institute for climate change studies Kottayam, Kerala on July 2015.
 13. AICTE QIP Short Term Course on Disasters , Environment and Risk Reduction , jointly organized by department of Civil Engineering , IIT Chennai and UNEP from 27th to 31st January 2014
 14. Three day Community Radio Awareness Consultation organized by Ministry of Information and Broadcasting , Government of India in January 2014 at Cochi, Kerala.
 15. Training programme on Environment Management conducted by Kerala State Council for Science Technology and Environment at Conference hall Sasthra Bhavan , Pattom on March 2014.
 16. Two day National Round Table Conference on Human Stampedes on 2014 April organized by Tata Institute of Social Sciences, Mumbai
 17. One Day Workshop on Landslide and Climate change held on 2014 August, organized by State Emergency Operation Centre , Government of Kerala at Mascot Hotel, Trivandrum
 18. One day workshop on climate risk management in urban areas through Disaster Preparedness and Mitigation under GoI-UNDP project on Enhancing Institutional and community resilience to Disasters and Climate Change jointly organized by UNDP and Kerala State Disaster management Authority on August 2014 at Fortune Hotel The South Park, Thiruvananthapuram

19. International Workshop on Oil Spill disasters at Hotel Mascot hotel, Trivandrum organized by Alphamers Private Ltd, Bangaluru on 2014 September
20. Environmental Action Plan workshop at Hotel Taj, Trivandrum on 2014 November organized by Department of Environment and Climate Change, Government of Kerala
21. Conference on International Curriculum Development for Disaster Management at Kerala University Senate hall, Trivandrum on April.2013 organised by UNEP and Kerala University
22. Workshop on Geo Spatial technologies in research, development and teaching: harnessing Free and Open Source GIS in April 2012 at M G University Campus, Kottayam Kerala.
23. Training Programme on Geo-informatics for coastal Disaster Management, conducted at ICMAM Project Directorate, Ministry of Earth Sciences, Chennai in April 2012
24. Five day Quality Improvement Programme for AICTE Faculties on Eco System Based Disaster Risk Reduction held at IIT Chennai on 2014 January organized by UNEP.
25. ISRO –NRSC Bhuvan Workshop held at IIIT MK Trivandrum on March 2012
26. First Aid Training from Indian Red Cross Society as per the syllabus of St. John Ambulance Association in May 2010 securing First Class, at Kottayam, Kerala
27. Two day workshop on Transportation Hazardous Chemicals held at Mascot Hotel, Trivandrum on November 2010 organized by Kerala State Productivity Counsel.
28. State level seminar cum exhibition on Natural Disasters and Mitigation measures held at KKTM Government College, Pullut, Kodungallur on 11 February 2007.

SHORT TERM COURSES : 18

1. The American English (AE) E-Teacher Program of U.S. Department of State and Family Health International - “English for Disaster Management”, online professional English training course Middlebury Institute of International Studies at Monterey, USA (April - September 2018).
2. Mass Gathering, Are you prepared? University of Washington, Northwest Center for public health practice 15, February 2019.
3. Introduction to Incident Command System, ICS-100 (IS-00100.c) organised by FEMA Emergency Management Institute 13, March 2019.
4. Basic Incident Command System for Initial Response, (IS-00200.c) organised by FEMA Emergency Management Institute 11, April 2019.
5. Flood Mitigation Basics for Mitigation Staff (IS00322) organised by FEMA Emergency Management Institute 30, November 2019.
6. Radiological Emergency Management (IS 00003) organised by FEMA Emergency Management Institute 27, November 2019.
7. Certificate Course in Counseling Psychology, conducted by State Resource Center , Government of Kerala January 2020.
8. Using Covid-19 Data to Make Supply Chain Logistics Decisions in Spreadsheets - Certificate Course Coursera 08-04-2020.
9. COVID-19: Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response by WHO 08-05-2020
10. Communicating during global emergencies Coursera05-08-2020

11. Disaster management Community Practice Basic Concepts SNIT Adoor Business School 07-09-2020
12. Environment Management Udemy19-09-2020
13. Use Word Press to Create a Blog for your Business Coursera25-09-2020
14. Understanding Research Methods Coursera04-10-2020
15. How to Write and Publish a Scientific Paper (Project-Centered Course) Coursera 27-11-2020
16. Creating Effective Dashboards using Google dash board, JS Academy 16 May 2021.
17. Crowd Manager - Credential Certificate, The Massachusetts Department of Fire Services, 6-12-2021.
18. Professional Development Programme (NEP-PDP) “Implementation of NEP-2020 for University and College Teachers”, completed at the national Samarth platform, and the national Swayam platform 9-14 September 2022.

MEMBERSHIP IN PROFESSIONAL BODIES.

Name of the Body/Society	Class of Membership	Period
ILDM - NDLI CLUB	Member	2022 Continuing
iNaturalist: California Academy of Sciences and the National Geographic Society.	Member	22-5-21 Continuing
International Association of Emergency Managers 201 Park Washington Court, Falls Church, VA 22046, (703) 538-1795 info@iaem.com : Order No70916	Member	2/17/2020 – Continuing
Charitable Society of Humanitarian Assistance Emergency Response Training (C-HAERT)	Member	2011– Continuing
Armature Radio Society - Thodupuzha	Member	2010– Continuing

KEY AREAS OF INTEREST

- Disaster Management Teaching and Training
- Hazard Vulnerability Risk Assessment
- Disaster Response
- Emergency Operations Center Management
- Crowd Management
- Disaster Management Awareness Programmes
- Establishing Emergency Communication Network(VHF and HF)
- Project Management / Coordination and Implementation of DM Projects
- Documentation & Report preparation
- Environmental Disaster Risk Reduction and Management
- Research in Disaster Management
- Incident Response System - Customised form of Incident Command System.