

# CURRICULUM VITAE

## Dr. Mohammad Suhail Meer

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Web of Science: ACX-3702-2022

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### Career objectives:

To work pragmatically in an organization where I can show my talent and enhance my skills to meet organization goals and objectives with full integrity and zest.

### 1. Research Interest:

Cyclone and Precipitation Mapping and Analysis Using Satellite Remote Sensing; Forecasting and mapping of flash flooding; Climate changes analysis; Land use Land cover change detection using satellite data; Health GIS modeling, and Microplastic pollution assessment.

S.No	Degree	University	Year	Subject
1.	Ph.D.	Sathyabama Institute of Science and Technology Chennai	2022	Geoinformatics
2.	Post Graduation	Indira Gandhi National Open University	2017	Disaster Management
3.	M.Sc.	University of Kashmir	2014	Geoinformatics
4.	B.Sc.	University of Kashmir	2011	Geology, Geography, Chemistry, English
5.	One year Diploma in Computer Application	International Computer Institute Srinagar	2007	Computer Science

### 2. PhD Thesis Title, Guide Name, Institute/Organization/University, Date of Registration, Year of Award, Date of Viva Voce, Date of receiving degree.

**Title:** Examining Land use Land cover changes over North Kashmir and their linkage with Environment and Society.

**Guide Name:** Dr. Anoop Kumar Mishra.

**Designation & Institute:** Scientist, SATMET Division India Metrological Department New Delhi, India.

**Date of Registration:** August 2018.

**Year of Thesis submission:** January 2022.

**Date of Viva Voce:** 18 May 2022.

**Date of Receiving degree:** 3<sup>rd</sup> September 2022.

### 3. Details of Research and Professional Experience.

Name of Organization	Designation	Period	Work Title
Saveetha University, Chennai	Assistant Professor	August 2024 to present	Taking Classes. Same time Doing research and publishing papers.
Sathyabama Institute of Science and Technology Chennai, 600119	Senior Research Fellow	August 2021 to July 2024	Towards Developing Near Real Time Flash Flood Risk Monitoring Scheme Over India <b>(CSIR Funded)</b> .
Sathyabama Institute of Science and Technology Chennai, 600119	Senior Research Fellow	February 2019 to May 2020	Developing near real time high resolution precipitation product using multi-satellite sensors for near time flash flood monitoring <b>(CSIR Funded)</b> .
RAMTECH Soft Sol	GIS Executive	August 2015 to January 2018	National Land record Modernization Program (NLRMP) Jammu & Kashmir. <b>(Government of India Funded)</b> .
Wipro Infotech Jammu and Kashmir	GIS Engineer	October 2014 to February 2015	Restructured Accelerated Power Development and Reforms Programme (R-APDRP) <b>(Government of India Funded)</b> .

### 4. List of Publications

#### Original papers in peer reviewed Journals

S No.	Title	Name of Journals year of publication	DOI, volume and page number	Authors	I F
1	Machine Learning-Based Forest Fire Susceptibility Mapping Using Random Forest and CART Models	<b>Rangeland Ecology &amp; Management</b> (2025)	<a href="https://doi.org/10.1016/j.rama.2025.06.004">https://doi.org/10.1016/j.rama.2025.06.004</a>	Riaz Sheriff, <b>Mohammad Suhail Meer*</b> , Rana Waqar Aslam	2.4
1	Spatiotemporal Variations of NO <sub>2</sub> and CO in Relation to Urban Dynamics and Environmental Variables in Kolkata	<b>Int. J. Adv. Sci. Eng</b> (2025)	<a href="https://doi.org/10.29294/IJASE.11.4.2025.4838-4855">https://doi.org/10.29294/IJASE.11.4.2025.4838-4855</a>	Riaz Sheriff, <b>Mohammad Suhail Meer*</b> , Deepak Sharma	0.5
2	Satellite based assessment of extreme rainfall during the 2019 Indian monsoon:	<b>Modeling Earth Systems and</b>	<a href="https://doi.org/10.1007/s40808-025-02489-7">https://doi.org/10.1007/s40808-025-02489-7</a>	<b>Mohammad Suhail Meer*</b> , Anoop Kumar Mishra, Vanganuru	3.0

	climatic linkages to IOD and ENSO	<b>Environment</b> (2025)		Nagaraju, Jayanta Das, Aqil Tariq	
3	Integrating Ancillary Topographic and Spectral Indices for Enhanced Glacier Terrain Classification Using the Maximum Likelihood Classifier	<b>Journal of Environmental Informatics Letters</b> (2025)	<a href="https://doi.org/10.3808/jeil.202400153">https://doi.org/10.3808/jeil.202400153</a>	Mohammad Suhail Meer	<b>0.7</b>
4	A Review on Enhancing Flood Mitigation Strategies: A Comparative Study of SCS-CN and ANN Model Integration with GIS for Rainfall–Runoff Simulation	<b>Water Conservation Science and Engineering</b> (2025)	<a href="https://doi.org/10.1007/s41101-025-00369-w">https://doi.org/10.1007/s41101-025-00369-w</a>	Mohammad Suhail Meer	<b>1.7</b>
5	Identification of Ocean Acidification Hotspots in Palk Strait, Bay of Bengal: A Preliminary Statistical Analysis Using R Package Seacarb	<b>Journal of Environmental Informatics Letters</b> (2025)	<a href="https://doi.org/10.3808/jeil.202400148">https://doi.org/10.3808/jeil.202400148</a>	P. M. Velmurugan <sup>1</sup> , R. Jeeva Priya <sup>3</sup> and <b>M. S. Meer<sup>4</sup>*</b>	<b>0.7</b>
6	Rainfall-based flood prediction by hybrid deep architecture with entropy and statistical feature set	<b>International Journal of Image and Data Fusion</b> (2025)	<a href="https://doi.org/10.1080/19479832.2024.2427212">https://doi.org/10.1080/19479832.2024.2427212</a>	Vanam Yoganand, Sheela Rani B, and <b>Mohammad Suhail Meer</b>	<b>0.5</b>
7	Multi-Sensor Data Fusion and GIS-DRASTIC Integration for Groundwater Vulnerability Assessment with Rainfall Consideration	<b>Applied Earth Observations and Remote Sensing.</b> (2025)	<a href="https://DOI.org/10.1109/JSTARS.2024.3524376">https://DOI.org/10.1109/JSTARS.2024.3524376</a>	Wu Jiazhe, Dai Xinrui, Su YanCheng, Ahsan Jamil, <b>Mohammad Suhail Meer</b>	<b>4.7</b>
8	Microplastics Pollution in Tropical Estuary (Muttukadu Backwater), Southeast Coast of India: Occurrence, Distribution Characteristics, Potential Sources and Ecological Risk Assessment.	<b>Journal of Hazardous Materials Advances</b> (2024)	<a href="https://doi.org/10.1016/j.hazadv.2024.100521">https://doi.org/10.1016/j.hazadv.2024.100521</a>	Velmurugan P. M , Krishnan Vijaya prabhakaran , Devika P. T , Anbuselvan N , Venkatesan S , <b>Mohammad Suhail Meer.</b>	<b>5.4</b>
9	An approach to demarcate prospective areas for groundwater recharge a case study of Upper Thuringal Tamil Nadu, India	<b>Physics and Chemistry of Earth</b> (2024)	<a href="https://doi.org/10.1016/j.pce.2024.103780">https://doi.org/10.1016/j.pce.2024.103780</a>	Marykutty Abraham, K. Santhanam, <b>Mohammad Suhail Meer*</b> , Jayanta Das	<b>3.0</b>

10	Understanding flash flooding in the Himalayan Region: A case study.	<b>Scientific Reports.</b> (2024)	<a href="https://doi.org/10.1038/s41598-024-53535-w">https://doi.org/10.1038/s41598-024-53535-w</a>	Katukotta Nagamani, <b>Mohammad Suhail Meer*</b>	<b>3.9</b>
11	Investigation of Meteorological Characteristics of Tropical supercyclone Shaheen Insights from High-Resolution Satellite Observations.	<b>Journal of India Society of Remote Sensing.</b> (2024)	<a href="https://doi.org/10.1007/s12524-024-01857-7">https://doi.org/10.1007/s12524-024-01857-7</a>	<b>Mohammad Suhail Meer,</b> Anoop Kumar Mishra Mishra, Nagaraju	<b>2.2</b>
12	Forecasting pre - post monsoon depth to water levels using the Autoregressive Integrated Moving Average (ARIMA) model in outer plains of Jammu Himalaya.	<b>Geological society of India.</b> (2024)	<a href="https://doi.org/10.17491/jgsi/2024/174015">https://doi.org/10.17491/jgsi/2024/174015</a>	Mohammad Sultan Bhat, Junaid Qadir, <b>Mohammad Suhail Meer</b>	<b>1.3</b>
13	Exploring extreme flood events of a western state of India during monsoon season of 2019 from space.	<b>MAUSAM</b> (2024)	<a href="https://doi.org/10.54302/mausam.v75i1.3568">https://doi.org/10.54302/mausam.v75i1.3568</a>	Anoop Kumar Mishra, <b>Mohammad Suhail Meer,</b> Vanganuru Nagaraju	<b>1</b>
14	A baseline study on the distribution of fluoride in drinking water and its health risk assessment in Industrial areas of Sivakasi, India.	<b>Journal of Applied and Natural Science</b> (2024)	<a href="https://doi.org/10.31018/jans.v16i1.5213">https://doi.org/10.31018/jans.v16i1.5213</a>	<b>Mohammad Suhail Meer,</b> Krishnan Vijayaprabhakaran, Selva Ganapathy Velusamy	<b>0.5</b>
15	Application of Satellite and Geospatial technology for flash flood mapping over Himalayan with reference to Dharamshala in Himachal Pradesh, India during July 2021.	<b>Journal of Applied and Natural Science</b> (2024)	<a href="https://doi.org/10.31018/jans.v16i2.5436">https://doi.org/10.31018/jans.v16i2.5436</a>	Anoop Kumar Mishra, K Nagamani, <b>Mohammad Suhail Meer*</b>	<b>0.5</b>
16	Application of Geographic Information System for mapping and analysing air and groundwater Quality in Madurai Corporation, Tamil Nadu, India.	<b>Journal of Applied and Natural Science</b> (2024)	<a href="https://doi.org/10.31018/jans.v16i2.5562">https://doi.org/10.31018/jans.v16i2.5562</a>	Machakali Rajash, <b>Mohammad Suhail Meer</b>	<b>0.5</b>

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|----|---|--|--|--|-----|
| 17 | Mapping severe tropical cyclone Tauktae over Arabian sea and nearby region of western coast of India during May 2021.                               | <b>(ICDSAAI)<br/>(pp. 1-5) IEE<br/>(2024)</b>  | <a href="https://doi.org/10.1109/ICDSAAI59313.2023.10452623">https://doi.org/10.1109/ICDSAAI59313.2023.10452623</a>              | K Nagamani, Anoop Kumar Mishra,<br><b>Mohammad Suhail Meer</b>     | -   |
| 18 | Identification of Groundwater Potential Zones Using Machine Learning Algorithms and Geospatial Techniques.  | <b>(ICDSAAI)<br/>(pp. 1-8).<br/>IEE<br/>(2024)</b>   | <a href="https://doi.org/10.1109/ICDSAAI59313.2023.10452623">https://doi.org/10.1109/ICDSAAI59313.2023.10452623</a>              | K Nagamani,<br><b>Mohammad Suhail Meer</b>                         | -   |
| 19 | Soft Computing of Remote Sensing Satellite based rainfall data for Spatial variation of pre-monsoonal rainfall A case study from April to May 2020. | <b>International Conference on Emerging Innovations and Advanced Computing (INNOCOMP)<br/>(2024)</b> | DOI<br>10.1109/INNOCOMP63224.2024.00117  | <b>Mohammad Suhail Meer</b>  | -   |
| 20 | Land use land cover changes on Asia's largest freshwater lake and their impact on society and environment.  | <b>Arabian Journal of Geosciences<br/>(2022)</b>   | <a href="https://doi.org/10.1007/s12517-022-10094-6">https://doi.org/10.1007/s12517-022-10094-6</a><br>page 3-11                 | <b>Mohammad Suhail Meer,</b> Anoop Kumar Mishra Kattukota Nagamani | 1.9 |
| 21 | Recent deadly mini Cloud burst on the northern village Hamam Marcoot of Kashmir valley India.   | <b>Journal of Emergency Management and Disaster Communications.<br/>(2022)</b>                       | <a href="https://doi.org/10.1142/S2689980922500129">https://doi.org/10.1142/S2689980922500129</a>                                | <b>Mohammad Suhail Meer,</b> Anoop Kumar Mishra,K Nagamani         | -   |
| 22 | GIS approach for mapping novel coronavirus in northern state of India, Jammu and Kashmir.   | <b>Environmental earth sciences<br/>(2021)</b>   | <a href="https://doi.org/10.1007/s12665-021-09856-4">https://doi.org/10.1007/s12665-021-09856-4</a> , Environ Earth Sci 80, 540. | <b>Mohammad Suhail Meer,</b> Anoop Kumar Mishra                    | 2.8 |
| 23 | Spatio-temporal Patterns of Land Use Land Cover Changes over a District in Northern India and their Impact on Environment and Society.              | <b>Journal of the Geological Society of India<br/>(2021)</b>   | <a href="https://doi.org/10.1007/s12594-021-1741-volume97">https://doi.org/10.1007/s12594-021-1741-volume97</a> , pag es656–660. | <b>Mohammad Suhail Meer,</b> Anoop Kumar Mishra, Mohammd Rafiq     | 1.5 |

- |    |  |  |   |  |                                    |            |
|----|--|--|---|--|------------------------------------|------------|
| 24 | Application of Remote sensing and GIS for analyzing geospatial changes in Kupwara northern district of India and their role for changing atmosphere. | <b>International journal of advance research in science and engineering</b><br>(2021)    | Vol 10,issue 04 april 2021  | <b>Mohammad Meer,</b> Anoop Mishra                           | <b>Suhail Kumar</b>                | -          |
| 25 | Satellite-based monitoring of recent heavy flooding over north-eastern states of India in July 2019.   | <b>Natural Hazards</b><br>(2020)   | <a href="https://doi.org/10.1007/s11069-019-03707-z">https://doi.org/10.1007/s11069-019-03707-z</a> Nat Hazards 97, 1407–1412 (2019)                      | Anoop kumar Mishra, <b>Mohammad Meer,</b> Vanganuru Nagaraju | <b>Suhail Kumar</b>                | <b>3.3</b> |
| 26 | Observational study of a severe snowfall avalanche over a state in North India in November 2019 using GIS.   | <b>Journal of Earth System Science</b><br>(2020)   | <a href="https://doi.org/10.1007/s12040-020-01506-w">https://doi.org/10.1007/s12040-020-01506-w</a> ,GIS. J Earth Syst Sci 129, 230                       | <b>Mohammad Meer,</b> Anoop Mishra                           | <b>Suhail Kumar</b>                | <b>1.3</b> |
| 27 | Remote Sensing Application for Exploring Changes in Land-Use and Land-Cover Over a District in Northern India.                                       | <b>Journal of Indian Society of Remote sensing</b><br>(2020)                             | <a href="https://doi.org/10.1007/s12524-019-01095-2">https://doi.org/10.1007/s12524-019-01095-2</a> , J Indian Soc Remote Sens 48, 525–534.               | <b>Mohammad Meer,</b> Anoop Mishra                           | <b>Suhail Kumar</b>                | <b>2.2</b> |
| 28 | Land Use/Land Cover Changes over a District in Northern India using Remote Sensing and GIS and their Impact on Society and Environment.              | <b>Journal of geological society of India</b><br>(2020)                                  | <a href="https://doi.org/10.1007/s12594-020-1407-2">https://doi.org/10.1007/s12594-020-1407-2</a> ,J GeolSoc India 95, 179–182.                           | <b>Mohammad Meer,</b> Anoop Mishra                           | <b>Suhail Kumar</b>                | <b>1.3</b> |
| 29 | Examination of heavy flooding over the desert state of Rajasthan in India.   | <b>Weather</b><br>(2020)   | <a href="https://doi.org/10.1002/wea.3719">https://doi.org: 10.1002/wea.3719</a>  | Anoop kumar Mishra, Vanganuru Nagaraju, <b>Mohammad Meer</b> | <b>Suhail Kumar</b>                | <b>2.3</b> |
| 30 | On land-use and land-cover changes over Lidder Valley in changing environment.   | <b>Taylor and Francis Annals of GIS</b><br>(2018)  | <a href="https://doi.org/10.1080/19475683.2018.1520300">https://doi.org/10.1080/19475683.2018.1520300</a> Pages 275-285                                   | Mohammd Anoop Kumar, <b>Mohammad Meer</b>                    | Rafiq, Mishra, <b>Suhail Kumar</b> | <b>2.7</b> |
| 31 | Analyzing Land Use and Land Cover and Socio Economic Changes in District Ananthnag Jammu and Kashmir Using Remote Sensing and GIS.                   | <b>International Journal of Advanced Multidisciplinary Scientific Research</b><br>(2018) | <a href="https://doi.org/10.31426/ijamsr.2018.1.1023">https://doi.org/10.31426/ijamsr.2018.1.1023</a> , ISSN:2581-4281 Volume 1, Issue 10, December, 2018 | <b>Mohammad Meer,</b> Anoop Mishra.                          | <b>Suhail Kumar</b>                | -          |

## 5. Book Chapter

S. No	Title of Book Chapter	Name of Journals year of publication	DOI, volume and page number	Authors
1	Impact of Land Use Land Cover Changes on the Environment and Society.	<b>Recent Advancements in Sustainable Agricultural Practices.</b> (2024)	<a href="https://doi.org/10.1007/978-981-97-2155-9_11">https://doi.org/10.1007/978-981-97-2155-9_11</a>	<b>Mohammad Suhail Meer</b> , Mishra, A.K., Rawath
2	Investigations on Rare Earth Elements in Sediments from South Vellar Estuary along Bay of Bengal and Palk Strait, Tamil Nadu, India.	<b>Estuary Research - Recent Advances.</b> (2023)	<a href="https://doi:10.5772/intechopen.110520">https://doi:10.5772/intechopen.110520</a>	Puliyakurichi Mookkan Velmurugan, Krishnan Vijayaprabhakaran, Periyathambi Thangappan Devika and <b>Mohammad Suhail Meer</b>
3	Water and climate change from the regional, national, and international perspective.	<b>Sustainable and Circular Management of Resources and Waste Towards a Green Deal,chapter 22 .</b> (2023)	<a href="https://doi.org/10.1016/B978-0-323-95278-1.00023-1">https://doi.org/10.1016/B978-0-323-95278-1.00023-1</a>	Amgalan Magsar, Nagamani Katukotta, <b>Mohammad Suhail Meer</b> , Bimastyaji Surya Ramadan, and Toru Matsumoto
4	Evaluating Groundwater Pollution Risk Vulnerability and Mitigation Techniques in a Changing Climate	Groundwater Resource Management Planning Strategies (2025)	<a href="https://doi.org/10.1007/978-3-031-88870-0">https://doi.org/10.1007/978-3-031-88870-0</a>	K. Nagamani, <b>Mohammad Suhail Meer</b> & Badapalli Pradeep Kumar
5	River Basin Management - Challenges and Coping Strategies	<b>Estuary Research - Recent Advances.</b> (2025)	Under Review	Puliyakurichi Mookkan Velmurugan, Krishnan Vijayaprabhakaran, Periyathambi Thangappan Devika and <b>Mohammad Suhail Meer</b>

## 6. List of Patents Design Accepted, Published and Awarded

1. **Topic:** Solar Aerator for Prawn Culture.

**Design No.** 320092-001

**Date:** 29/07/2019

**Journal No.** 36/2019

## 7. Award

- Received Best paper award in National conference “Recent advances in anthropogenic disaster monitoring (RAADN 2019)” in **Sathyabama Institute of science and technology Chennai.**

- Received best Poster award in “4<sup>th</sup> National workshop on India Radar Meteorology iRAD 2020” in **IIT Madras**.
- Received Best paper award in national conference on “Water Resources Management in Hilly region under changing Climate 2022” in **Graphic Era Deemed to be University**.
- Received best Paper award in “International Conference on Applied sciences and Engineering 2021” in **Ulaanbaatar, Mongolia jointly organized by MUST**.

## **8. Paper Reviewed for International Journals**

- Annals of GIS.
- Environment, Development and Sustainability.
- Arabian Journal of Geosciences.
- Geo Journal (GEJO).
- iScience.
- Environmental Monitoring and Assessment.
- Natural Hazards Review.
- SN Applied Sciences.
- Indonesian Journal of Geography.
- Discover Environment.
- International Journal of Engineering and Geosciences.
- Water Conservation Science and Engineering.
- Nature Scientific Report.
- Environmental Monitoring and Assessment.
- Environmental development and Sustainability.
- Humanities and Social Sciences Communications.
- Discover Geoscience.
- Human Ecology.
- Environmental Earth Sciences.
- Wetlands Ecology and Management.

## **9. Technical Experience and Management skills**

- Satellite Image processing, DEM generation, Ortho-rectification and Photogrammetric using different Software (ArcGIS 10.8, ERDAS IMAGINE 2020, ENVI 5.5, QGIS, Arc View, Google Earth Engine),SeaDas.
- DGPS (GNSS 14) handling and data Processing using Software (TBS from Trimble).
- Handling GPS of different version for integration of spatial and non spatial data.
- A good hold on Sigma plot, Origin for statistical analysis.

## **10. Software**

**Computer language Basic :** C, Python

**Software:** Arc GIS, Arc Pro, Arc Map, Arc View, Erdas IMAGINE, Sigma Plot, Origin, ENVI 5.5, DGPS data processing software, QGIS, Open Grads.

## **11. Instruments Handling**

DGPS Leica GNSS-14, Trimble GPS, Garmin GPS, Automatic Weather Station (MCON), Laser Precipitation Monitor (Optical Disdrometer), Lightning Detection Sensor (LDS).

## 12. Conference and workshop

- Paper presented in “national conference on recent trends in climate change studies 2018” in Sathyabama Institute of science and technology Chennai.
- Paper presented in “4<sup>th</sup> national Workshop on India Radar Meteorology iRAD 2020” in IIT madras.
- Paper presented in National workshop “Recent advances in anthropogenic disaster monitoring (RAADN 2019)” in Sathyabama Institute of science and technology Chennai.
- Presented paper in National conference on “Water resources management in hilly region under changing climate 2022 ” in Graphic Era Deemed to be university.
- Presented paper in National conference on “Recent trends in science, technology and humanities 2018” organized by IJAMSR research foundation.
- Presented paper in “National conference of Education, research and Innovation 2021” Osmania University centre for International program, Osmania university campus, Hyderabad (India).
- Attended 8<sup>th</sup> international conference on clouds and Precipitation (ICCP 2021) in Indian Institute of Tropical meteorology (IITM).
- Presented paper in international conference on applied sciences and engineering held on 26<sup>th</sup> November 2021 in Ulaanbaatar, Mongolia jointly organized by MUST.
- Presented paper in national science Symposium held from 31 January to 4<sup>th</sup> February, 2022 organized by ISRO and IISER Kolkata.
- Lecture delivered in national workshop “Applications of Remote sensing GIS and Resistivity technique in groundwater investigation 2022”.
- Attended 3rd Workshop on “Cloud Organization and Precipitation Extremes - WCO3” organized by International centre for theoretical Physics Trieste from 04 September 2023 to 08 September 2023.
- Attended workshop on “Assessing Ecosystem Health using Copernicus Marine Data” jointly organized by Copernicus, the Copernicus marine Service, Mercator Ocean international and Gopacom held online on 7<sup>th</sup> to 8<sup>th</sup> September, 2023.
- Presented paper in international conference “Data Science, Agents and Artificial intelligence (ICDSAAI 2023)” in Graphic Era University Dehradun.

## 13. Training Programs Attended

- Attended the online short term course from Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP) (Affiliated to the United Nations) on SAR Data Processing and its Applications conducted by Indian Institute of Remote Sensing, Indian Space Research Organisation, Dehradun, India during December 04 - 08, 2023.
- Attended the online short term course from Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP) (Affiliated to the United Nations) GNSS Advanced Technologies and Applications, *conducted at Space Applications Centre, ISRO, Ahmedabad, India from November 28, 2023 to December 08, 2023.*
- Attended the online short term course from Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP) (Affiliated to the United Nations) *online short course on “overview of WebGIS”*, conducted by Indian Institute of Remote Sensing, ISRO, Dept. of Space, Govt. of India, Dehradun during December 18 -28, 2023
- Attended ESRI training work shop from ENVI, Arc GIS, Arc Pro, Arc Map during November 2019.

- Attended Workshop for R Programming organized by Banaras Hindu university department of Environmental science during March 2021.
- Attended Workshop on QGIS organized by Sathyabama Institute of science and technology Chennai August 2020.
- Attended seven days training program on application of Arc GIS, ENVI organized by Esri November 2019.

#### 14. Conference organized.

- MOES sponsored national conference on recent trends in climate change studies (RTCCS-18) held in CRSG Sathyabama institute of science and technology Chennai July 2018 (**Resource person**).
- MOES sponsored national conference on “Recent advances in anthropogenic disaster monitoring (RAADM, November 2019)” held in CRSG Sathyabama institute of science and technology Chennai (**Co-Convener**).

#### 15. Workshop Organized as Resource person.

- DRDO sponsored national workshop on Two Days Training Program on Applications of Remote Sensing and GIS with special reference to Disaster management on 10<sup>th</sup> and 11<sup>th</sup> December 2018 organized by CRSG Sathyabama institute of science and technology Chennai.
- MOES sponsored international workshop “Technical and Scientific aspects of Lidar Remote sensing of the Atmosphere (ITSLRA-2022) 13-15 July, 2022 organized by CRSG Sathyabama institute of science and technology Chennai. The report of workshop was published in SPARC stratosphere- troposphere process and their role in climate newsletter 60 January 2023.
- MOES sponsored national workshop “Three days national workshop on advanced space technologies for measuring marine plastic from 31st October to 2nd November 2022 organised by CRSG Sathyabama Institute of science and technology Chennai.
- MOES sponsored International workshop “Remote sensing application for ocean color monitoring” from 23<sup>rd</sup> to 25<sup>th</sup> January 2023 organized by CRSG Sathyabama institute of science and technology Chennai..
- ISRO sponsored workshop “ISRO disaster management support (DMS)-Capacity building (CB) program” organized by CRSG Sathyabama institute of science and technology Chennai.
- MOES sponsored international workshop on “Three Days National Workshop on Geospatial and cutting edge technologies for coastal protection measures from 29th - 31<sup>st</sup> January 2024” organized by CRSG Sathyabama institute of science and technology Chennai.

#### 16. Invited Chairperson

2nd International Seminar on *Innovative Approaches in Geographical Research (IAGR): Exploring New Dimensions for Sustainable Development Goals (SDGs)* Organized by the Department of Geography, Rampurhat College, in collaboration with the IQAC, Rampurhat College, Rampurhat, Birbhum, West Bengal, India **Date:** November 29-30, 202.

#### 17. References

##### 1. Dr. Jayanta Das

Professor,

Rampurhat College,

PO- Rampurhat, Birbhum 731224, India

Phone Number:+91 8918365368

Email: jayanta.daas@gmail.com.

## **2. Dr. Anoop Kumar Mishra**

Scientist,

India metrological department New Delhi, India

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## **3. Dr. Aqil Tariq**

Scientist,

Mississippi State University

Starkville, United States Phone Number:+1 6625799718

Email: [at2139@msstate.edu](mailto:at2139@msstate.edu)

### **18. Personal Information:**

**Name:** **Mohammad Suhail Meer.**  
**S/o:** Ghulam Mohammad Meer.  
**Marital status:** Single  
**Gender:** Male.  
**R/O:** Jammu & Kashmir, India, 193201

### **DECLARATION**

I hereby declare that above given information is true to the best of my knowledge & belief. If your organization will give me a chance, I won't leave any stone unturned with my work and ability to serve you best.

Date: **05/07/2025**

Place: Chennai



**Signature**  
**Mohammad Suhail Meer**