



# Dr. P. MASILAMANI

Assistant Professor

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Google Scholar : <https://scholar.google.co.in/citations?user=jY-Srj8AAAAJ&hl=en>

Research Gate: <https://www.researchgate.net/profile/Masilamani-Palanisamy>

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## EDUCATIONAL QUALIFICATION

- Ph.D. (Geography), Bharathidasan University, Tiruchirappalli -2017
- M. Phil. (Geography), Bharathiyar University, Coimbatore - 2010
- UGC-NET (Geography) - 2006 & 2007
- B. Ed. (Geography), Institute of Advanced Study in Education, Chennai - 2006
- M. Sc. (Geography), Madurai Kamaraj University, Madurai - 2005
- B.Sc. (Geography), Government Arts College, Coimbatore – 2003

## EXPERIENCE

- Assistant Professor, Bharathidasan University, Tiruchirappalli on 18.03.2011 onwards.
- NSS and RRC Programme Officer on August 2012 to August 2023.
- Nodal Officer, Ragging Prevention Committee January 2018 to June 2024
- Deputy Warden, Vaigai Hostel Main Campus June 2024 onwards.

## AREAS OF INTEREST

- Land and Water Resources
- Urban Studies & Geoinformatics

## MEMBERSHIP IN ACADEMIC/PROFESSIONAL BODIES

- Geographical Society of Himachal Pradesh (GSHP)- Founder member-cum- Life member- 2024
- National Association of Geographers, India (NAGI) – Life Member 2022.
- International Foundation for Environment and Ecology- Life Member 2022.
- Indian Geographical Society (IGS), Chennai - Life Member.
- Indian Society of Remote Sensing, Dehra Dun (ISRS) –Life Member.
- Secretary, ISRS - Tiruchirappalli Regional Chapter, June 2018 to June 2022.
- Member, Board of Studies - M.Tech. Geoinformatics, Department of Geography, Bharathidasan University.
- Member and Alumni of the Board of Studies in Geography Government Arts College, Coimbatore (2014 - 2017).
- Co-Coordinator UGC- SAP-DRS II, 2017 onwards.
- Co-Coordinator for Integrated Five Year M.Sc.Geography Programme, 2017 onwards.
- Subject Expert and BOS Member - M.V.Muthiah. Govt. Arts College (W) Department of Geography, Dindigul.(2021-2024).
- University representative of Board of Studies in Department of Geography, Govt Arts College, Karur. (2021-2024).
- University Examination Observer for PG Program to Christu Raj College, Trichy. From 27.05.2019 – 07.06.2019.
- Addition Chief Superintendent for B.Ed Degree Examination November 2016 onwards.

## AWARDS AND RECOGNITION

- Received **Environment Excellence Award 2022** from International Foundation for Environment and Ecology in 8<sup>th</sup> International Conference on Environment and Ecology organised at Bharathiar University, Coimbatore, Tamil Nadu on 24.08.2022.
- Received **Best Presentation in the Technical Session Award** from Union of Geographic Information Technologists in 12<sup>th</sup> International Conference Organised by the Department of Geography and Geoinformatics, Bangalore University, Bengaluru, Karnataka on 16.03.2024.

## RESEARCH PROJECTS

S.No	Agency	Period	Project Title	Budget (Rs. lakhs)
1	TNSCST- Tamil Nadu State Council for Science and Technology	2021-2023	Assessment of Groundwater Quality for Socio- Economic Development- A case study of Perambalur District, Tamil Nadu	1.70
2	ICSSR-Indian Council of Social Science Research	2022-2023	Assessment of Urban Sprawl and its Implications on Groundwater Resources of Tiruppur Municipal Corporation Tamil Nadu	5.0
3	SERB- Science and Engineering Research Board	2024-2027	Hydrogeochemical Investigation of Groundwater Suitability for Drinking and Irrigation: Associated Health and Socio-Economic Risks – A Case Study of Lower Ponnaiyar River Basin, Tamil Nadu	27.26

### TNSCST STUDENTS PROJECT

STUDENT NAME	TITLE	PERIOD	BUDGET IN Rs
D. Padmanadhan S. Sankara Narayanan	Assessment of Land Degradation Vulnerability Through Geospatial Technology in Upper Amaravathi Basin Tamil Nadu	2022	7500/-
K. Suriyakumar V. Anusuya	Mapping Urban Sprawl and Urban Density Using Shannon Entropy of Coimbatore District, Tamil Nadu	2022	7500/-

Program of Study		Completed	Ongoing
Research	Ph.D.	01	03
	M.Phil.	05	
Major & Mini Projects	M.Tech	50	
	PG	39	

## RESEARCH SUPERVISION - M.SC/M.TECH – 89

1. Akash M S 2024, *Delineation of Groundwater Potential Zones Using Fuzzy AHP Technique in Kanyakumari District, Tamil Nadu*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
2. Arun K 2024, *Assessment of Groundwater Budget Using FEFLOW & SWAT Model and Delineating Groundwater Potential Zones Through AHP Method*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
3. Chodankar Shreeya Sharad 2024, *Remote Sensing Of Unknown Oil Spills In The North-Eastern Arabian Sea And Their Impact On Surface Chlorophyll: A Case Study*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
4. Gaonkar Utkarsh Umesh 2024, *Analysis and Identification of Mud Volcanoes in The Parts of Andaman & Nicobar Islands Using Space-Borne Visible Near-Infrared, Short Wave Infrared and Thermal Infrared Multispectral Bands*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
5. Gend Akash Balaso 2024, *Optical fiber cable planning in various villages of Maharashtra*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
6. V Hari Balan 2024, *Utilizing GIS for Mapping Suitable Aggregates in Road Construction Projects*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
7. Kolase Vibhav Balaso 2024, *National-Level Assessment of Village Accessibility For Railway Stations*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
8. Lakshana V 2024, *Assessment of Spatio-Temporal Changes in Land Use and Land Cover, Urban Expansion and Land Surface Temperature in Palakkad District- A Geospatial Approach*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
9. Neeraj Manoj Phadte 2024, *Influence of extreme events on the changing Antarctica climate*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
10. Purneemaa R S 2024, *Assessment of the Effects of Land Use Land Cover on Hydrology in the Wainganga River Basin, India*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.

11. Rajesh A 2024, *Google Earth Engine Based Flood Hazard Monitor - A Case Study in Chennai, Tamil Nadu*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
12. Smrithy S 2024, *Role of Atmospheric rivers in controlling the precipitation pattern over Antarctica*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
13. Aakash.R 2024, *Eco-Environmental Vulnerability Assessment Of Kolli Hills Using Fuzzy Analytical Hierarchical Process*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
14. Jagadeesan.S 2024, *Flood Susceptibility Mapping using Integrated GIS and MCDM Techniques in Thamirabarani River Basin, Tamil Nadu, India*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
15. Monika.D 2024, *Estimation of soil erosion in upper Bharathapuzha in Tamil Nadu using RUSLE model*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
16. Subhashini.J 2024, *Monitoring agricultural drought in Perambalur District using geospatial techniques*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
17. Sruthy Vijay 2023, *Flood Hazard Vulnerability Risk Assessment using Machine Learning and GIS Technique*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
18. J. Sneha 2023, *Modelling of Surface Runoff Estimation Through Geoinformatics Techniques - A Case study of Osman Sagar Reservoir, Ranga Reddy District, Telangana State*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
19. T. Venkatesh 2023, *Modelling Distribution of Wild Pig and Its Conflict Vulnerability in Tamil Nadu*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
20. A. Ajmal Khan 2023, *Site Suitability Mapping For Real Estate using Weighted Overlay Analysis for Tiruchirappalli District*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
21. Sidharth Gundu Narade 2023, *Analysis of Urban Expansion of Pune City and Its Impact on Temperature*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.

22. A. Chiranjeevi 2023, *Geoinformatics-Based Land site Suitability Analysis for Urban Expansion in Palayamkottai Taluk, Tirunelveli District, Tamil Nadu*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
23. M. Pirabakaran 2023, *Geochemical Evaluation of Groundwater Quality for Drinking in Thirumayam Taluk, Pudukkottai District, Tamil Nadu*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
24. T. Amarnath 2023, *Assessment Of Social Vulnerability And Health Hazards In Virudhunagar Taluk Using Geospatial Techniques*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
25. G. Aswin Raj 2023, *A Spatial Temporal Analysis For Land Use Land Cover Classification In Tiruchirappalli District, Tamil Nadu*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
26. R. Sindhumathi 2023, *Assessment of Agriculture Land suitability using GIS and Analytical Hierarchy Process in Palani Block, Dindigul District, Tamil Nadu*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
27. C. Meena 2023, *A Spatio-Temporal Analysis of Cropping Pattern in Selected Blocks of Karur District, Tamil Nadu*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
28. D. Sybia Dorothy 2023, *Appraisal of Groundwater Quality using WQI and GIS Mapping for Drinking Purpose in Thiruverumbur Taluk, Tiruchirappalli District*. Unpublished M.Sc. Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
29. K.S. Aakash Suriyan 2022, *Designing geographic information system based property tax assessment in Chennai Corporation*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
30. Rahul Giri 2022, *Mapping of Mangroves (avicennia marina) on the different environmental setup of bay of Bengal the abundant species of Pichavaram Sundarbans and Krishna estuary using hyperspectral remote sensing*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
31. T. Avinash 2022, *Development of Arc Weather ToolBox - A Historical weather data Retrival Tool in ArcGIS Environment Using ArcPy*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
32. R. Emie Rachel 2022, *Investigation of Long Term Variation in the Tropospheric Concentration of No2 and O3 In The Indian Region and Their Relationship With the Covid - 19 Using Satellite - Based Data*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.



33. U.S. Keethanjali 2022, *Impact assessment of land use and climatic changes on the stream flow using Arcswat for Penner basin, Andhra Pradesh, India*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
34. P.Sangavai 2022, *Landslide susceptibility mapping using statistical Bivariate Analysis and GIS - A Case study on wayanad and Kozhikode district, Kerala, India*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
35. S. Arulkumar 2022, *Social Vulnerability mapping a case study of Tiruppur Corporation and its environs*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
36. M.S. Akash 2022, *Spatio Temporal Analysis of Rainfall distribution in Kodavanar Watershed part of Amaravathi Basin, Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
37. C. Sarumathi 2022, *Spatio Temporal variation of Groundwater quality for drinking purpose in Madurai District, Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
38. I. Dharani 2022, *Assessment of Agricultural drought and implication of vegetation stress through Remote sensing indices in Dharmapuri District, Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
39. P. Ramesharavind 2022, *Geospatial Technology based analysis of cropping pattern of Cheyyar Watershed, Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
40. S. Hari Prasad 2022, *Geospatial Technology based assessment of Forest Fire vulnerability in Kolli Hills, Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
41. V.Anusuya & K. Suriyakumar 2022, *Mapping Urban Sprawl And Urban Density Using Shannon Entropy of Coimbatore District, Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
42. S. Sankara Narayanan & D.Padmanadhan 2022, *Assessment Of Land Degradation Vulnerability Through Geospatial Technology In Upper Amaravathi Basin Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
43. D. Aarthi 2021, *Evaluating the influence of teleconnection patterns on the spatio-temporal variations of drought over a part of southernmost India*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.

44. R. Venkatesh 2021, *Monitoring and analysis of Spatio-temporal pattern of Ground and Satellite-Based Measurements of atmospheric trace gasses: Revealing a Declining trend on air quality during pandemic restriction (Pre-to-post lockdown impact)*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
45. MR. Ajay Masilamani 2021, *Spatial distribution of firework industries in Virudhunagar district*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
46. M. Arunachalam 2021, *Assessment of social vulnerability in Pollachi taluk, Coimbatore district*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
47. M. Mithra Pooja 2021, *Assessment of landuse/landcover change detection using geospatial approach- Case study of Pudukkottai taluk, Pudukkottai district, Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
48. V. Nivetha 2021, *Assessment of landuse/landcover change detection using geospatial approach-Case study of Namakkal taluk, Namakkal district, Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
49. N. Revandh 2021, *Groundwater potential zone of Vadipati taluk, Madurai using GIS techniques*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
50. VK. Anjana Chandran 2021, *Flood hazard assessment of Pamba watershed based on morphometric using geoinformatics*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
51. SV. Madhumithra 2021, *Spatio-temporal analysis of groundwater for drinking purpose in Salem district, Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
52. M. Kavitha 2021, *Identification of vulnerable zone for healthcare using geospatial technology in Dharmapuri district*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
53. R. Raja Surya 2021, *Assessment of forest fire vulnerability in Kalvarayan hills using remote sensing and GIS*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
54. Y. Venkatesh 2021, *Geoinformatics based site suitability analysis for future expansion of Coimbatore taluk, Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.



55. S. Yuvaraj 2020, *Coastal Vulnerability Assessment of Greater Visakhapatnam Coast, East Coast of India using Geospatial techniques*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
56. Hemalatha 2020, *Monitoring and Modelling of Urban Sprawl using Remote sensing and GIS techniques, Chengalpet District, Tamil Nadu, India*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
57. B. Deepalakshmi 2020, *Impact of Urbanization on Urban Heat Island in Vellore District, Tamil Nadu using Remote sensing and GIS techniques*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
58. S. Juliat 2020, *Geo-Hydrological Assessment using GIS, Remote sensing technology in Krishnagiri District, Tamil Nadu, India*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
59. D P. Poojith kumar 2020, *Assesment of coastal vulnerability Index along northern parts of Tamil Nadu, Chennaai-Cuddalore using Geospatial Technology*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
60. Vanlalchhuanga 2020, *Soil erosion studies using drainage morphometry and land use parameter and Assessment of soil erosion using RUSLE of Mahadevpur block, Namsai district, Arunachal Pradesh*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
61. A.S. Harisini 2019, *Mineral mapping using Spectral unmixing technique for Zawar, Rajasthan*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
62. K.U. Athira 2019, *Land Degradation mapping of Tirunelveli District using Geospatial technology*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
63. B.Prawin 2019, *Assessment of Land Degradation through geospatial technology in Kodavanar watershed, a part of Amaravathi basin, Tamil Nadu*. Published M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
64. P.Thilagaraj 2019, *Discrimination of Mangroves from Non-Mangroves using Airborne Hyperspectral Image*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
65. S. Breeze 2019, *Impact of Climate change on North Eastern Coastal Districts ( Agro Climatic Zones ) of Tamil Nadu-From baseline to 21st Century*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.

66. R. Suji Kamal 2019, *Spatio-Temporal analysis of Water bodies, Vegetation and Built-up area using Image Indices: A case study of Coastal Watersheds in Tamil Nadu*. Unpublished M.Sc, Geography Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
67. G.B. Hemavathy 2018, *Dynamic stock assessment and alert system for PDS based on person verification using Rest Web services and Spatial reference*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
68. Junaid Mushtaq Lone 2017, *Modelling and Mapping aboveground forest biomass using ALOS-2 PALSAR- 2 Data in Nongkhyllem Reserve forest and Wildlife Sanctuary, Meghalaya, India*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
69. Patil Abhijit Sambhaji 2017, *Semi-automated Extraction of Landslide Using Object Based Image Analysis and Comparison of Geospatial Models (IVM,AHP,LNRF) for Landslide Hazard Zonation along Chenab Valley, Jammu& Kashmir*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
70. Ranjan Ramsagar Tiwari 2017, *Characterization of Sunderban Mangroves Using ASTER Data*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
71. Senpakappriya 2017, *Wheat Yield Variability Analysis in the Crop Insurance Units in Selected Districts of Uttar Pradesh*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
72. Dhawale Nideshkumar Ramesh 2017, *Identifiacation of Suitable Sites for Farm Ponds in Drought- prone Areas for sustainable water management: A case study on lower Bindusara Watershed, Beed District, Maharashtra*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
73. Sathyaseelan, 2016, *Flood Vulnerability Zonation And Web Mapping of Adayar Watershed*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
74. Sarita Rameshrao Nimbalkar, 2016. *Acreage Estimation and Suitability Analysis of Mango Orchards in Ratnagiri District Using Remote Sensing & GIS Techniques*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
75. Saleha Ajaz Khan, 2016, *Co-Relating Spatial Charactersation of Land Use and Land Cover with Air Quality Index at Nagpur, Maharashtra*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.

76. Senpakapriya.V.2016, *Drought Analysis Using Standardized Precipitation Index – A case Study of Southern Zone of Tamil Nadu*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
77. Junaid Mushtaq Lone 2016, *Evaluation of Different Methods for Measuring Change in Kolahoi Glacier using Geospatial Technology*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
78. Patil Abhijit Sambhaji 2016, *Population Dynamics of Coast of Tamil Nadu*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
79. Ranjan Ramsagar Tiwari 2016, *An Assessment of Urban Sprawl Using Geoinformatics: A case study of Mumbai City, Maharashtra, India*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
80. Atul. A. Nandeshwar. 2015, *Land Use / Land Cover Change Detection in Nagpur district, Maharashtra Using Geoinformatics Techniques*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
81. Saleha Ajaz Khan, 2015, *Land Use / Land Cover Change Detection of Nag Watershed, Nagpur district, Maharashtra Using Remote sensing and GIS*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
82. Pramod Raosaheb Jagadale, 2015, *A Study on Rainfall Variability and Vegetation Cover over Rajasthan during 1981-2014 Using RS & GIS*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
83. Sreerama Naik S.R., 2014, *Land Use Land Cover Change Detection in Koraiyar Watershed, Tamil Nadu ,Using Remote Sensing And GIS*, Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
84. Baskar G. 2014, *Physical Land Classification of Kinatukadavu Taluk, Coimbatore District, Tamil Nadu, Using GIS Techniques* Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
85. Durga 2014, *Geoinformatics in Land Suitability Classification for selected crops of Koraiyar Watershed. Coimbatore District, Tamil Nadu*. Unpublished M.Tech. Geoinformatics Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
86. Karthick P. 2013, *An Integrated Study On Groundwater Pollution And Salinity Intrusion Of The Coastal Aquifers In Cochin Area*, Unpublished M.Sc, Geosciences Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.(Internal Guide)

87. Raja S., 2013, *Assessment of Groundwater Conditions in Chittar Watershed, Karamana River Basin, Thiruvananthapuram District, Kerala*, Unpublished M.Sc, Geosciences Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
88. Safwan P, 2012, *Morphometric Analysis of Koraiyar River Basin, Tamil Nadu, India Using GIS and Remote Sensing Techniques*, Unpublished M.Tech, GIS Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.
89. Rajesh M. 2012, *Land Use/Land Cover Changes of Koraiyar Koraiyar River Basin, Tamil Nadu, India Using GIS and Remote Sensing Techniques*, Unpublished M.Tech. GIS Dissertation, Department of Geography, Bharathidasan University, Tiruchirappalli.

### RESEARCH ARTICLES PUBLISHED - 27

1. *Masilamani Palanisamy\**, Prawin Balasubramaniam, Thilagaraj Periasamy. "Modelling Urban Heat Island using Remote Sensing Indices in Tiruppur Municipal Corporation, Tamil Nadu." Indian Geographical Journal **2023**. 98 (1), pp 48-66.
2. Jothiramalingam Killivalavan, *Masilamani Palanisamy\**, Rahaman, s. Abdul. "Decadal Changes in Groundwater Quality and its Suitability for Drinking Purpose in Cheyyar Watershed, Tamil Nadu." Annals of the National Association of Geographers, India **2023** 43. 1-18. 10.32381/ATNAGI.2023.43.01.1.
3. Shaikh Suraj, Paliwal Rakesh, Patil Abhijit, Panhalkar Sachin, *Masilamani Palanisamy\**. Modification of new built-up index to precisely extract and identify changes in the built-up area: a case study of Punjab State of India. Geodesy and cartography **2023**. 49. 19-24. 10.3846/gac.2023.13523.
4. *Masilamani Palanisamy\**, Thanuja Krishnan R, Abdul Rahaman S, Killivalavan Jothiramalingam, Ilakiya Thiyagarajan & Siva Kumar P "Geochemical characterisation and geostatistical evaluation of groundwater suitability: a case study in Perambalur District, Tamil Nadu, India" Environmental Science and Pollution Research **2023** <https://doi.org/10.1007/s11356-023-26684-0>. **Impact Factor - 5.8.**
5. Aarthi Deivanayagam, R. K. Sarangi and *Masilamani Palanisamy* Evaluating the Influence of El Nino–Southern Oscillation (ENSO) "Patterns on the Spatio-Temporal Variations of Drought over Southern Peninsular Indian Region" Journal of the Indian Society of Remote Sensing **2022** DOI: 10.1007/s12524-022-01589-6. **Impact Factor - 1.894.**

6. Jothiramalingam Killivalavan, *Masilamani Palanisamy\**, Periasamy Thilagaraj, R., Thanuja. "Delineation of Groundwater Potential Zones Using Fuzzy Analytic Hierarchy Process in Cheyyar Watershed, Tamil Nadu." 2022. Indian Geographical Journal. 97. 79-93.
7. Venkatesh Ravichandran, Komali Kantamaneni,\* Thilagaraj Periasamy , Priyadarsi D. Roy, Jothiramalingam Killivalavan , Sajimol Sundar, Lakshumanan Chokkalingam and *Masilamani Palanisamy* "Monitoring of Multi-Aspect Drought Severity and Socio-Economic Status in the Semi-Arid Regions of Eastern Tamil Nadu, India" **2022** Water 14(13) DOI: 10.3390/w14132049 **Impact Factor – 3.53.**
8. B. Prawin , *P. Masilamani \**, S. Abdul Rahaman Performance "Assessment of Classification Algorithms For Landuse / Landcover Change Using Sentinel 2 Data -A Case Study of Tiruppur" ISPRS - International Archives of the Photogrammetry Remote Sensing and Spatial Information Sciences 44(M-3-2021):139-142 DOI: 10.5194/isprs-archives-XLIV-M-3-2021-139-2021(**2021 edition**).
9. Karikkathil C. Arun Kumar & Gangalakunta P. Obi Reddy & *Palanisamy Masilamani* & Pundoor Sandeep "Spatial modelling for identification of groundwater potential zones in semi-arid ecosystem of southern India using Sentinel-2 data, GIS and bivariate statistical models". Arabian Journal of Geosciences (**2021**) 14:1362 <https://doi.org/10.1007/s12517-021-07669-0> **Impact Factor – 1.985.**
10. Periasamy Thilagaraj, *Palanisamy Masilamani\**, Ravichandran Venkatesh, Jothiramalingam Killivalavan "Google Earth Engine Based Agricultural Drought Monitoring In Kodavanar Watershed, Part Of Amaravathi Basin, Tamil Nadu, India". The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XLIII-B5-2021 XXIV ISPRS Congress (**2021 edition**)
11. K.C. Arun Kumar, P. Sandeep and *P. Masilamani, 2021* "Prioritization of Watershed using Sediment Yield Index Method: A Case study of Semi-Arid Ecosystem of South India" Environment & We an International Journal of Science & Technology ISSN: 0975-7120, Volume 16, pp 1-13.
12. Prawin Balasubramaniam, *Masilamani Palanisamy, P* Thilagaraj, J Killivalavan, **2020** "Identification of Urban Sprawl and Its Trend Through Land Use/Land Cover Changes For Sustainable Urban Development In Tiruppur City, Tamil Nadu" Juni Khyat. ISSN: 2278-4632 Volume-10, Issue-05, pp 160-170.
13. Prawin Balasubramaniam, *Masilamani Palanisamy, 2020* "Assessment of Land Degradation Through Geospatial Technology in Kodavanar Watershed, A Part of Amaravathi Basin, Tamil Nadu" The Indian Geographical Journal. ISSN: 0019-4824 Volume-95, Issue-01, pp 111-122.



14. Suraj Shaikh, *Masilamani Palanisamy*, Abdul Rahaman S, **2020** "Estimate the Annual Soil Loss in Kummattipatti Nadi Watershed Using Rusle Model Through Geospatial Technology" Geodesy and Cartography. ISSN 2029-6991 Volume-46, Issue-02.
15. Ravichandran Venkatesh, S. Abdul Rahaman, Jegankumar Rajagopal, *Masilamani Palanisamy*, **2020** "Eco-Environmental Vulnerability Zonation in Essence of Environmental Monitoring and Management" The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences. Volume-XLIII, Issue-B5.
16. Junaid Mushtaq Lone, *Masilamani Palanisamy*, Mohd Abdul Qadir Khan, **2018** "Evaluation of Automated and Manual Methods for Measuring Change in Kolahoi Glacier using Geospatial Technology" Asian Journal of Science and Technology, ISSN 0976-3376 Volume-09, Issue-07.
17. K.C. Arun Kumar, G.P. Obi Reddy, *Masilamani Palanisamy*, Satish Y. Turkar, P. Sandeep, **2020** "Integrated drought monitoring index: A tool to monitor agricultural drought by using time- series datasets of space-based earth observation satellites "ISSN 0273-1177, Advances in Space Research. **Impact Factor – 2.17.**
18. Nideshkumar Dhawale and *P. Masilamani*, Urban Growth Analysis of Nagpur City through Index Based Model (2020), Juni Khyat, ISSN: 2278-4632, Vol-10 Issue-5 No. 16 May 2020. International Journal of Multidisciplinary, **2018**, Vol.4, Pg. 1087-1093, ISBN 2455-3085.
19. *P. Masilamani*, Evaluation of automated and manual methods for measuring change in Kolahoi glacier using Geospatial Technology, 2018, Asian Journal of Science and Technology **2018**, Vol.9, Pg 8475- 8484.
20. *P. Masilamani*, Functional Establishments in Madurai City, Tamil Nadu, India, **2018**.
21. K. Nivedita Priyadarshini, S. Abdul Rahaman,\*, S. Nithesh Nirmal, R. Jegankumar , *P. Masilamani* Swat Based Assessment And Prediction of Climate Change And Its Impact In Then Pennai Sub-Basin of South India. The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, Volume XLII-5, **2018** ISPRS TC V Mid-term Symposium "Geospatial Technology – Pixel to People", 20–23 November 2018, Dehradun, India.
22. *Masilamani P*, Abdul Rahaman S, Aruchamy S, **2018** "Demographic characteristics of Koraiyar Watershed, Coimbatore District, Tamil Nadu" , in International Journal of Multidisciplinary 3 (07), pp 438-442.
23. *P. Masilamani*, Geoinformatics based land suitability classification for coconut cultivation in Koraiyar watershed, Tamil Nadu. The Goa Geographer **2017**, Vol.14, Pg. 47-56.



24. Rajesh. J., Phanindra Kumar.T, Murthy, DSR,Baskar.G, **Masilamani.P. 2016**, "Ground Water Quality Studies in Koraiyar Watershed, Coimbatore District", Tamil Nadu, An Geoinformatics approach". International Journal of Geomatics and Geosciences volume 7, no 2, 2016, ISSN 0976.
25. **P.Masilamani** "Geospatial technology based land suit ability classification for sugarcane cultivation in Koraiyar watershed, Coimbatore District". **2015**, The Indian Geographical Journal, 2015, Vol.90, Pg. 117-1 25.
26. **Masilamani P.**, "Cropping Pattern of Koraiyar Watershed, Coimbatore District, Tamil Nadu", **2015**, International journal of Geomatics and Geosciences, volume 6, No 1, 2015, ISSN 0976 – 4380.
27. **P. Masilamani**, Assessment of Spatial Variability of Rainfall Pattern In Coimbatore District, Tamil Nadu Using GIS Techniques, 2013, The Indian Geographical Journal **2013**, ISSN NO 0019-4824, Vol.88, Pg. 37-46.-4380.

**RESEARCH ARTICLES PUBLISHED IN PROCEEDINGS BOOK  
CHAPTER/BOOK/ CONFERENCE PROCEEDING - 13**

1. Periasamy Thilagaraj & **Masilamani Palanisamy**. Application of Remote Sensing and GIS in Mapping Groundwater Potential Zones Through Fuzzy Integration in Kodavanar Watershed, A Part of Amaravathi Basin, Tamil Nadu, India. Emerging Technologies for Water Supply, Conservation and Management (pp.253-267). 10.1007/978-3-031-35279-9\_12.
2. **P. Masilamani**, M. R. Ajay Masilamani, J.Killivalavan "Assessability of Healthcare services in specific to Fireworks risk zones in Virudhunagar District" on Sustainable Environment: Issues and Challenges Towards Future perspectives,ISBN: 978-93-92042-24-9 September 2022, pp 443-459.
3. Killivalavan, J., Venkatesh, R., Thilagaraj, P., Lokeshwari, J., Rajagopal, J., **Palanisamy, M.** (2022). "Assessment of Groundwater Quality for Drinking and Irrigation: A Case Study of the Kattar Micro-Watershed, Tamil Nadu." In: Panneerselvam, B., Pande, C.B., Muniraj, K., Balasubramanian, A., Ravichandran, N. (eds) Climate Change Impact on Groundwater Resources. Springer, Cham. [https://doi.org/10.1007/978-3-031-04707-7\\_6](https://doi.org/10.1007/978-3-031-04707-7_6).
4. M. Banu, **P. Masilamani** " Site Suitability Analysis for Urban Developmment – A Case Study of Madurai District Using Remote Sensing and GIS Techniques". Agriculture and Rural Development: Spatial Issues, Challenges and Approaches, ISBN 978-81-947698-0-4, 22 August 2020. ISBN 978-81-933316-3-7, Geospatial Technology for Rural Development, pp133-138.
5. **P. Masilamani**, Land use land cover change Detection Analysis of Koriyar Watershed, Coimbatore District, Tamil Nadu through Geoinformatics 2018. International Conference on Sustainable Development of Natural Resources, ISBN 978-93-82847 -243.

6. PR Junaid Lone, *Masilamani Palanisamy*, K Sarma, Rocky Pebam, 2018 "Measuring Change in Kolahoi Glacier by Automated Method Using Geospatial Technology", National Conference on Climate Change, Societal Consequences and Mitigation.
7. Rishabh Tripathi, *Masilamani P.* & Abdul Rahaman.S, 2017 "Land Surface Temperature Using Geoinformatics Technique, A Case study of Dindigul City, Tamil Nadu, India".
8. *Masilamani P.*, S. Abdul Rahaman, D. Durga, S. Aruchamy., 2015,"Crop suitability analysis for groundnut through Geoinformatics for sustainable agriculture in Koraiyar watershed, Coimbatore District, Tamil Nadu", Geospatial Technologies for Resources Evaluation and Management, Publications, ISBN: 978-93-84193-36-2.
9. *Masilamani P.*, Jegankumar. R., Aruchaamy. S., Abdul Rahaman., 2015, "Rainfall Analysis of Koraiyar watershed, Coimbatore District, Tamil Nadu" ISBN NO 978-93-80686-03-5, Landuse/Landcover changes and its impact: Spatial changes and Geospatial Technologies, pp. 208-218.
10. *Masilamani P.*, Aruchamy.S., Kannadasan .K., 2014 "Morphometric Analysis of Koraiyar Watershed" in Tamil Nadu, India, Using Geospatial Technology, ISBN NO978-981212, Managing our resources: Perspective and Planning, pp. 21-30 .
11. *Masilamani P.*, "Land Evaluation for Land use Planning :A Geoinformatics Approach for Watershed Studies" Proceedings of National Level Workshop on Village Level Information Management System for Local Planning, Organised by Department of Geography, Government Arts College (Autonomous), Karur, pp. 56-65 September, 2012.
12. *Masilamani, P.*, "Spatio-Temporal Analysis of Urban Land Use in Ward 72 of Madurai City", Proceedings of the Orientation Programme Resource material. ISBN NO: 978-81-922810-2-5 "UGC Sponsored Orientation Programme" UGC –Academic Staff College, Bharathidasan University, Tiruchirappalli, pp.100-112.
13. *Masilamani P.*, Aruchamy S., and Jegankumar R., 2012., "Slums in their Characteristics: A case study of Pollachi Town", Proceedings of the National Seminar on Geospatial Technology for Resource Evaluation and Management, Department of Geography, Madurai Kamaraj University, pp. 300-306.

## COURSE MATERIAL - 02

1. Masilamani. P., Aruchamy.S., & Abul Rahaman .S, 2014 "**Aerial Photo and Satellite Image Interpretation Techniques**" Proceedings of National Workshop on Geoinformatics and Its Applications in Natural Resources.
2. Bharathidasan University Distance Education **lesson writer Cartography, Economic Geography, Population and Settlement Geography (2020).**

## CONFERENCES / WORKSHOP CONDUCTED - 20

1. Co-Coordinator of **Students Induction Programme - 2024**, Bharathidasan University, Tiruchirappalli, September 09-13, 2024.
2. Organizing Secretary of One Day Research Facility Training Program on **Groundwater Quality Evaluation** (Under Scientific Social Responsibility (SSR) Policy of SERB) Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, May 10, 2024.
3. Co-Coordinator of one day ISRO- ISRS workshop on **New Space Policy and Emerging Trends in Remote Sensing**, Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, August 16, 2023.
4. Coordinator of National Seminar on **Problems & Prospects of Groundwater Usage in Urban Areas**, Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, March 09-11, 2023.
5. Coordinator of National Seminar on **Water Resources and Socio-Economic Development** Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, December 10-11, 2021. (Online)
6. ISRO- ISRS Tiruchirappalli Regional Chapter and The Indian Geographical Society, Chennai jointly organize **GIS Day celebration** on 17.11.2021.(Online)
7. ISRO- ISRS Tiruchirappalli Regional Chapter and The Indian Geographical Society, Chennai jointly organize **Environmental Day celebration** on 05.06.2021.(Online)
8. ISRO- ISRS Tiruchirappalli Regional Chapter and The Indian Geographical Society, Chennai jointly organize **Earth Day celebration** on 21.04.2021.(Online)
9. **Popularization of Remote sensing & GIS in remote areas** organised by ISRO- ISRS Tiruchirappalli Regional Chapter on 27.07.2019. (Online)
10. **GIS Day Celebrations and Online Quiz Competitions**. Organised by ISRO- ISRS Tiruchirappalli Regional Chapter on 18.11.2019. (Online)
11. **Earth day celebration** organised by ISRS- Tiruchirappalli Regional Chapter on 22.04.2020. (Online)
12. Co-Chaired National seminar on **Applications of Geographic Information System and Statistics for Natural Resource Management** 23-25 Jan 2019.
13. Co-Coordinator for Government of Tamil Nadu **Competitive Examination Coaching Class Programme (SSC)** from Sep 2018 to Mar 2019.

14. Co-Coordinator for **Spoken English and Personality Development Workshop** from Sep 10, 2018 to Sep 20, 2018.
15. Coordinator of National Seminar on **Geospatial Technology for Land Use Analysis** Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, March 01 -02, 2018.
16. Coordinator of **Workshop on Remote Sensing- What and Why? Indian Society of Remote Sensing (ISRS), Tiruchirappalli Regional Chapter on 11-12, August, 2018.**
17. Coordinator of One week National Workshop on **Geoinformatics for Watershed Management** Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, January 27 -31, 2017.
18. Coordinator of the Three day National Workshop on **Photogrammetry: Principles and Applications** Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, January 23-25, 2014.
19. Co-Coordinator of Two day National Conference on **Sustainable Resources Management in Cauvery Basin, South India**, Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, January, 24-25, 2014.
20. Co-Coordinator of Two day National Seminar on **Geoinformatics in Land and Water Resources Studies**, Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, February 21 -22, 2013.

### INVITED LECTURES - 42

1. Invited lecture on “**Indian Space Exploration – A Journey to the Stars**” organised by Department of Geography, Thanthai Periyar Government Arts and Science College, Tiruchirappalli on 27.08.2024.
2. Invited lecture on “**Remote Sensing and Its Applications**” organised by Department of Botany, Bharathidasan University, Tiruchirappalli on 31.07.2024
3. Invited lecture on “**GIS and Its Applications**” organised by Department of Geography, Sri Vijay Vidyalaya College of Arts and Science, Dharmapuri on 30.07.2024.
4. Invited lecture on “**Applications of Geo-spatial Technology in Disaster Management**” Organised by Department of Population Studies, Annamalai University, Chidambaram on 29.02.2024.
5. Invited lecture on “**Pollution and types**” Organised by Department of Sociology, Bharathidasan University, Tiruchirappalli on 04.12.2023.
6. Invited lecture on “**Groundwater Quality and its Significance**” Organised by Department of Sociology, Bharathidasan University, Tiruchirappalli on 05.12.2023.
7. Invited lecture on “**Pollution and types**” Organised by Department of Sociology,

Bharathidasan University, Tiruchirappalli on 04.12.2023.

8. Invited lecture on **“Groundwater and its impacts in Urban area”** Organised by Department of Sociology, Bharathidasan University, Tiruchirappalli on 01.12.2023.
9. Invited lecture on **“Water Resource Management”** Organised by Department of Sociology, Bharathidasan University, Tiruchirappalli on 31.11.2023.
10. Invited lecture on **“Role of Remote sensing and Machine learning techniques for urban studies”** Organised by SRM TRP engineering college, Tiruchirappalli on 31.03.2022.
11. Invited lecture on **“Climate Change monitoring using Geospatial Technology”** Organised by Department of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli on 18.03.2022.
12. Invited lecture on **“Climate Change impacts and Mitigation”** Organised by Department of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli on 28.02.2022.
13. Invited lecture on **“Introduction of Geography”** Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 20.09.2021.
14. Invited lecture on **“Fold and its Types”** Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 21.09.2021.
15. Invited lecture on **“Significance of Resources”** Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 23.09.2021.
16. Invited Lecture on **Understanding Maps for Disaster** “UGC- Sponsored Refresher course in Disaster Management, Organized by UGC-Human Resource Development Centre, Academic Staff College, Madurai Kamaraj University, Madurai on 17.03.2021.
17. Invited lecture on **“Land Evaluation for land use Planning”** online International Conference on “The Impact of Globalization on Contemporary Literature, Environment and Society” Organized by Marutirao Harirao Mahadik Art's & Commerce College, Modnimb, Tal. Madha Dist. Solapur Maharashtra on 15.07.2020.
18. **“Basics of Remote Sensing”** National Workshop on Health GIS Organised by Department of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli on 05.03.2020.
19. **“Natural Hazards and Disasters”** Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 24.02.2019.
20. **“Water Pollution”**, Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 17.07.2019.
21. **“Physiographic Divisions of India”** Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 03.02.2019.

22. **"World Rivers"** Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 04.11.2018.
23. **"Air Pollution in India"** Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 10.02.2019.
24. **"World Industries"** Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 30.12.2018.
25. **"Energy Resources"**, Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 01.06.2019.
26. **"Techniques of Mapping"** Organised by Government Arts College Karur (Auto). Resource Person on 09.4.2019.
27. **"Transport Network in the world"** Organised by Placement and Training Cell, Bharathidasan University, Tiruchirappalli on 20.01.2019.
28. **"Working with Maps"** UGC- Sponsored Refresher course in Geosciences, Organised by UGC-Human Resource Development Centre, Academic Staff College, Bharathidasan University, Tiruchirappalli on 3.12.2018.
29. **"Basics of Aerial Remote Sensing"** Workshop on Remote Sensing-What and Why? Organized by Department of Geography, Bharathidasan University, Tiruchirappalli on August 11-12, 2018.
30. Invited lecture on **"Facilitator Development "** Organised by Bharathiyar University, Coimbatore on 18.04.2017.
31. **"Principles of Land Evaluation in Geography"** National Research Seminar on Population Growth, Socio- Economic development and Environmental Degradation. Development Organised at Govt College Bichhua, District, Chhindwara, Madhya Pradesh, March 13- 14, 2016.
32. Special lecture on **"Land Suitability Analysis for Coconut Through Geoinformatics for Sustainable Agriculture in Koraiyar Watershed, Coimbatore District, Tamil Nadu"** **"Chairperson"** UGC Sponsored National Seminar on Man- Environment Interrelations: Issues, Challenges and Remedies, Organized by Department of Geography, Bankura Christian College, West Bengal, On December 2<sup>nd</sup> & 3<sup>rd</sup>, 2015.
33. **Basics of Cartography**, Workshop on Remote Sensing and GIS for Environmental Studies, organized by Department of Environmental Bio Technology, Bharathidasan University, Tiruchirappalli on 23, March 2015.
34. **"Land Evaluation for Landuse Planning in Geoinformatics Approach"**, UGC Sponsored National Workshop on Geoinformatics and Its Applications in Water Resource Management.



35. **Aerial Photo and satellite Image Interpretation Techniques**, UGC Sponsored National Workshop on Geoinformatics and Its Applications in Natural Resources Management, Department of Geography, Periyar EVR College (Auto), Tiruchirappalli, September 26th 2014.
36. **"Map Reading"** for P.K.D College of Education DTED Student. Organised by P.K.D Educational Institute Pollachi, August 27<sup>th</sup> 2014.
37. **Principles of GIS**, " National Research Seminar on Environmental change, Global Warming, Biodiversity Conservation and Sustainable Development, Organised at Govt. College Bichhua, District, Chhindwara, Madhya Pradesh, 25- 26 February, 2014.
38. Special lecture on **Awareness on environmental Protection** for GHSS School NSS Student Thevathanampatti, Theni District on December 28, 2013. Department of Geography, Kunthavai Naacchiyaar Government Arts College for Women (Auto), Thanjavur, January 21, 2015.
39. **Special Lecture for UGC/SLET/NET Aspirants**, conducted by Department of Geography, Government Arts College (Autonomous), Kumbakonam, 26th June 2013.
40. **"Monsoon in India"** for CBSE School Student. Organised by DISHA School, Pollachi on June 24, 2013.
41. **"Principles of Remote Sensing"** for School Student. Organised by Siwalik Matriculation Higher Sec. School, Pollachi on 15, March 2013.
42. **"Land Evaluation for Land use Planning :A Geoinformatics Approach for Watershed Studies"** National Level Workshop on Village Level Information Management System for Local Planning, Organised by Department of Geography, Government Arts College (Autonomous), Karur, 28, September 2012.

### **PAPERS PRESENTED - 31**

1. Presented a paper on, *Identification of Groundwater Potential Zones Using Fuzzy Analytic Hierarchy Process in Lower Ponnaiyar River Basin, Southern India* Got **Best Paper Presenter** in the technical session at the **Union of Geographic Information Technologists (UGIT) International Conference on Climate Change and Sustainable Development of Natural Resources- Application of Geospatial Technologies** Organised by Department of Geography, Bangalore University on 15-16, March 2024.
2. Presented a paper on *Appraisal of Groundwater Quality using WQI and GIS for Drinking purpose in Thiruverumbur Taluk, Tiruchirappalli District, Tamil Nadu* in the National Conference on **Frontier Areas of Teaching and Research in Geography (FATRIG)** held to commemorate the Centenary Year of Establishment of Geography Department in IASE (formerly known as Teachers' Training College, Saidapet, Chennai) during 3 & 4, February 2024.

3. Presented a paper on *Appraisal of Groundwater Quality through Groundwater Pollution Index (GPI) in Tiruppur Municipal Corporation, Tamil Nadu, India*; and Chaired a Technical Session in 22<sup>nd</sup> SCA Conference on Science for Sustainability, Resilience, and Human Well-being jointly organised by The Science Council of Asia (SCA), The National Academy of Sciences, Republic of Korea (NAS) and The Korean Academy of Sciences and Technology (KAST) held at Hoam Faculty House, Seoul, **South Korea** on 19-21 October, 2023.
4. Presented a paper on *Geoinformatics Based Assessment of Forest Fire Vulnerable Zones in Kalvarayan Hills, Tamil Nadu* in National Seminar on **Climate Change, Rural Migration and Agriculture Productivity** organised by Kamaraj College, Thoothukudi on 27 & 28 April, 2023.
5. Presented a paper on *Evaluation of Groundwater quality for Drinking in Tiruppur Municipal Corporation, Tamil Nadu* in National Seminar on Urban Development and Environment in the 21<sup>st</sup> Century: Issues and Challenges, Organised by Department of Geography, Andhra University, Visakhapatnam held on 03-04 February 2023.
6. Presented a paper on *Assessability of Healthcare services in specific to Fireworks risk zones in Virudhunagar District* on **Sustainable Environment: Issues and Challenges**, Organised by Department of Population Studies, Annamalai University, Chidambaram, 29-30, September 2022.
7. Presented a paper on *Identification of Cyclone Vulnerability zones in coastal Districts of Tamil Nadu, India using Geospatial Technology* 8<sup>th</sup> **International Conference on Environment and Ecology**, Organised by Department of Environmental Sciences, Bharathiar University, Coimbatore held on 22-24 August 2022.
8. Presented a paper on *Spatio-temporal variation of Groundwater quality in Perambalur District, Tamil Nadu* **National Conference on Water Resource Conserveation and Management : A shift from awareness to consciousness**, Organised by Center for Water resource Management, University of Madras, Chennai 23-24, March 2022.
9. Presented a paper on *Comparative study of Classification Algorithms for Land use Land cover Analysis in Perambalur District, Tamil Nadu* **National Conference on Advanced Techniques in Geospatial studies**, Organised by Department of Geography, Madurai Kamaraj University, Madurai, during 25-26, November 2021.
10. Presented a paper on *"Spatio-Temporal Analysis of Groundwater Quality for Drinking Purpose in Salem District, Tamil Nadu"*. IGS - International E- Conference on Earth Sciences and Sustainable Development Goals. Organised by Department of Geography, Osmania University, Hyderabad on August 05-07, 2021.
11. Presented a paper on *Urban Growth Analysis of Dindigul Taluk and its environ through Index Based Model*. UGIT, International Webinar on Soil Conservation and land use Planning: Geospatial Solutions. Organised by Department of Geography, Bangalore University on 23-24, December 2020.

12. Chaired and Presented a paper on *Identification of Groundwater Recharge Zones through Morphometric Parameters, A Case Study of Kodavanar Watershed, Tamil Nadu*. National Conference on **Application of Geospatial Technologies in Management of Natural Resources and Disaster** (AGTMNRD – 2020), Organised by Centre for Geoinformatics, The Gandhigram Rural Institute –Deemed University, Dindigul, on 17, February, 2020.
13. Presented a paper on *“Analytical Hierarchy Based Landslide Hazard Zonation Using Geoinformatics Techniques for Kodaikanal Tamil Nadu”*. National Conference on Soil and Water Conservation Measures- Geospatial Solutions, Organised by Department of Geography, Bangalore University on 17.09.2019.
14. Presented a paper on *‘Urban Growth Analysis of Nagpur City (2000 - 2015) Through Index Based Model’* organized by Kannur University, National Seminar on Application of Geographic Information System and Statistics for Natural Resource Management on 23-25, January 2019.
15. Presented a paper on *Prioritization of watershed through sediment Yield Index: A case study of Sarabhianga Watershed, Salem District, Tamil Nadu, India”*. Organised by Department of Geography, University of Peradeniya, Srilanka on 24-25, November 2018.
16. Chaired for *National Seminar on Biotechnological Solutions For Environmental Sciences*, Bharathidasan University, Tiruchirappalli, December, 17-18, 2018.
17. Presented a paper on *“Geoinformatics Based Estimation of Soil Erosion through RUSLE Model in Kumittipathi Watershed, Coimbatore District, Tamil Nadu.”* Organised by Bangalore University Bangalore, 06th International Conference, during 09 -11 November, 2017.
18. Presented a paper on *“Land Surface Temperature Using Geoinformatics Technique, A Case study of Dindigul City, Tamil Nadu, India.* Organised by Department of Rural Development, The Gandhigram Rural Institute –Deemed University, Dindigul, during 02-03, February 2017.
19. Presented a paper on *“Geoinformatics based Land suitability Classification of Koraiyar Watershed Tami Nadu for sustainable agriculture Development”*. Organised by Department of Geography, Osmania University, Hyderabad, 10<sup>th</sup> IGU International Conference during 27-29 September 2016.
20. Presented a paper on *“Landuse/ Land cover change detection Analysis of Koraiyar Watershed, Tamil Nadu, Using Geoinformatics Techniques”*. Organised by Department of Geography, Bharathidasan University, Tiruchirappalli, NAGI, 5<sup>th</sup> International Conference during 05- 07, February 2016.
21. Presented a paper on *“Groundwater quality of Koraiyar Watershed for Agricultural Development, Coimbatore District, Tamil Nadu Through Geoinformatics”* Organised by Department of Geography, Madurai Kamaraj University, Madurai, during 17- 18, December 2015.

22. Presented a paper on *"Physical land classification of Perambalur District, Tamil Nadu- A Geospatial Approach"*. Organised by Department of Geography, Madurai Kamaraj University, Madurai, during 13- 14, August 2015.
23. Presented a paper on *"Crop suitability analysis for groundnut through Geoinformatics for sustainable agriculture in Koraiyar watershed"*, Coimbatore District, Tamil Nadu. Organised by Department of Geography, Madurai Kamaraj University, Madurai, during 13- 14, August 2015.
24. Presented a Paper on *"Rainfall Analysis of Koraiyar watershed, Coimbatore District, Tamil Nadu"* Organised by Department of Geography, Madurai Kamaraj University, Madurai, during 13- 14, August 2015.
25. Presented a paper on *"Spatio-Temporal analysis of rainfall distribution and variability in Cauvery basin, South India."* 35th Indian Geography Congress" Conducted by Department of Geography Madras University, Chennai. December 12-14, 2013.
26. Presented a paper on *"Morphometric Analysis of Koraiyar River basin in Tamil Nadu, India, and Using Geospatial Technology"*. Chairperson organized by Department of Geography Vasant Rao Naik Government Institute of Arts and Social Sciences, Nagpur, during 21<sup>st</sup> and 22<sup>nd</sup> October 2013.
27. Presented a paper on *"Land Evaluation for Land use Planning: A Geoinformatics Approach for Watershed Studies"*. Organized by Department of Geography School of Geosciences, Bharathidasan University, Tiruchirappalli during 1-2 March, 2013.
28. Presented a paper on *"Spatio- Temporal Analysis of Urban land use – A case study of Madurai City"*, Organized by Government Arts College (Autonomous) Coimbatore, during 21-22 March, 2012.
29. Presented a paper on *"A Study of Weekly Analysis of Rainfall for Crop Planning: A case study of Attur Taluk, Salem District, Tamil Nadu"*, Organized by Department of Geography School of Geosciences, Bharathidasan University, Tiruchirappalli during 3-4 March, 2012.
30. Presented a paper *"Slums in their Characteristics: A Case Study of Pollachi Town"*. Organized by the school of Earth and Atmospheric sciences, Madurai Kamaraj University, Madurai during 17-18 February, 2012.
31. Presented a paper *"Socio –Economic Characteristics of Slum Dwellers: A case study of Pollachi Town. Tamil Nadu"* in "33rd Indian Geography Congress" Department of Geography, University of Burdwan, West Bengal during 11-13th November, 2011.

### **TRAINING ATTENDED -14**

1. **Participated UGC Sponsored Refresher Course in Environment and Sustainable Development (Multidisciplinary)** through **online Programme** during 02.02.2022 to 15.02.2022 Organised by Bharathidasan University, Tiruchirappalli.

2. **Participated UGC-Sponsored Six-Day Online "Leadership Development Programme For Senior Level Teachers"**– Human Resource Development Centre, Bharathidasan University, Tiruchirappalli from **10.02.2021 to 16.02.2021**.
3. **Participated UGC Sponsored Refresher Course in Earth System and Exo-Meteorology through online Programme** during 17.08.2020 to 29.08.2020 Organised by Osmania University, Hyderabad.
4. Participated online Course on “Remote Sensing &GIS Technology and Applications for University & Government Officials”. **Conducted by Indian Institute of Remote Sensing (IIRS), ISRO Dehradun during 13.06.2020 to 01.07.2020.**
5. Participated online Course on “**Basic Principles of Remote Sensing Technology**”. **Conducted by Indian Institute of Remote Sensing (IIRS),ISRO Dehradun during 13.04.2020 to 25.04.2020.**
6. Participated on Five days Training Programme on “**Large Scale Mapping For City/Urban Planning and Panchayat Raj Applications**” conducted by NRSC, Hyderabad during September 24- 28,2018.
7. Participated on **Five day National workshop on GIS Modeling**, Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, March, 12-16, 2018.
8. “**Master Facilitators Development Workshop**” Collaboration with UK/IN, British Council’s Active Citizens Programme, Conducted by RGNIYD, Chennai, during 15-19 July, 2017.
9. **NSS Orientation Course** conducted by Empanelled Training Institution, Madras School of Social Work, Chennai, during 11.09.2013 - 17.09.2013.
10. **UGC Sponsored Refresher Course in Geosciences**" UGC – Academic Staff College, Bharathidasan University, Tiruchirappalli, during 28.01. 2013 – 17.02.2013.
11. NNRMS-ISRO Sponsored Course on **RS and GIS Applications to Agriculture and Soils** conducted by Indian Institute of Remote Sensing, Department of Space, Dehra Dun, 07May – 29 June, 2012 (8 weeks).
12. Regional Workshop and Training Programme on "**Geo Informatics Application in Watershed Development**" conducted by National Institute of Rural Development (NIRD) at Raipur held during 12-16 March 2012.
13. Basic Training Course on "**Remote sensing, GIS and GPS**" Indian Institute of Remote Sensing, Department of Space, Dehradun, 01 August – 08 November, 2011. (Off -Campus Outreach Certificate Program)

14. 69<sup>th</sup> **"UGC Sponsored Orientation Programme"** UGC – Academic Staff College, Bharathidasan University, Tiruchirappalli, during 20.05. 2011 – 16.06.2011.

### **WORKSHOPS/ SEMINAR PARTICIPATED - 33**

1. Participated in the Regional Workshop on **"Application of Geographical Information Technology in Micro-level Planning"** Conducted by Department of Geography, Madurai Kamaraj University, Madurai, 27 - 28th August, 2004.
2. Participated National Conference on **"Climate Change and its impact on Water Resources in India"** Conducted by Department of Geography, Madurai Kamaraj University, Madurai 15 - 17th December, 2004.
3. Participated in **"National Workshop on Petroleum Exploration"**, conducted by Department of Geology, Bharathidasan University, Tiruchirappalli, 31st March – 1st April, 2011.
4. Participated in the workshop on **"Dissemination of Remote Sensing Technology and Disaster Mitigation"** Programme to Geography Teachers, conducted by Department of Geography, Bharathidasan University, Tiruchirappalli, 25 - 29th March, 2011.
5. Participated in National Conference on **"Second Green Revolution: Issues and Challenges"** conducted by Department of Geography, Bharathidasan University, Tiruchirappalli, 25th – 27th March, 2011.
6. Participated in the International Seminar on **"Sustainable Development: Issues and Strategies"** held between December 3-4, 2011. Conducted by Department of Geography Madras University, Chennai.
7. Participated in National Workshop on **Advanced GPS Surveying (WAGS)** Conducted by Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, 3-4 February 2012.
8. Participated one day Regional Workshop on **"Recent Trends in University-Industry Relation"** Conducted by school of Environmental Sciences, Department of Environmental Management Bharathidasan University, Tiruchirappalli, 16, February 2012.
9. Participated the Census-2011, **"Data Dissemination Workshop on Houses, Household Amenities and Assets"** Organised by the Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli, July 31-07-2012.
10. Participated 15th **"All India Inter-University National Integration Youth Camp"** held at Jai Narain Vyas University, Jodhpur, Rajasthan from December 23.12.12 to 27.12.12.
11. Participated in the **"8th International Congress on Climate Change, Territorial Classification and Socio –Economic Crisis"** held at Bharathidasan University, Tiruchirappalli during 23rd to 25th April, 2013.



12. Participated One day Programme on "**RRC Peer Educators Training Programme**" Conducted by RRC cell of Bharathidasan University. Tiruchirappalli, July 1<sup>st</sup> 2014.
13. Participated **One day Peer Educators Training Programme for RRC Programme Officer**. Conducted by Tamil Nadu State AIDS Control Society, Chennai at Bharathidasan University, Tiruchirappalli, August 14, 2014.
14. Participated One day Seminar on "**Personality Development and Career Planning**" Conducted by NSS cell of Bharathidasan University. Tiruchirappalli, August 19, 2014.
15. Participated One day Workshop on "**Urban Forestry to Combat Pollution**" Conducted Forest College and Research Institute, Mettupalayam, Coimbatore, October 08, 2014.
16. **National Seminar on Principles and Applications of Ground Penetrating Radar** conducted by Centre for Remote Sensing, Khajamalai Campus, Tiruchirappalli, on 14.11.2014.
17. Participated Twelve day **Traffic Regulation at BDU**, Conducted by NSS, Bharathidasan University, Tiruchirappalli.
18. Participated One Day Workshop on **Solid Waste Management at BDU**, Conducted by NSS, Bharathidasan University, Tiruchirappalli, on 21.02.2017.
19. Participated One Day Workshop on **Solid Waste Management at BDU**, Conducted by NSS, Bharathidasan University, Tiruchirappalli, on 21.02.2017.
20. Participated **One day Programme on GEOPARLEY-2017**, Conducted by The Gandhigram Rural Institute –Deemed University, Gandhigram, Dindigul, Tamil Nadu, on 12,September, 2017.
21. Participated Five Days Workshop on **GIS Modelling**, Conducted by Department of Geography, Bharathidasan University, Tiruchirappalli, from 12-16, March, 2018.
22. Participated on Five days Training Programme on "**Large Scale Mapping For City/Urban Planning and Panchayat Raj Applications**" conducted by NRSC, Hyderabad during September 24-28, 2018.
23. Participated in the **Faculty Development Programme on Enhancing Learning Outcomes through Effective Teaching** conducted by UGC - MHRD Bharathidasan University, Tiruchirappalli, on 28.11.2018.
24. Participated in **NSS –Coordinators meeting** at Anna University, Chennai on 04, January, 2019.
25. Participated as a **University Observer, Entrepreneurship, Innovation and Career Hub- BECH- RUSA 2.0** on 03.01.2010.

26. Participated **NSS event organized by Youth Affairs/NSS**, Chennai on 08.01.2020.
27. Participated the **Indian Institute of Remote Sensing – ISRS Conclave, Dehradun**, Uttarakhand on 18.01.2020.
28. Participated National Level Online Programme on **Basic Principles of Remote Sensing Technology** organized by Indian Institute of Remote Sensing, Dehradun during 13.04.2020 to 25.04.2020.
29. Participated the **Integrating GIS with Geography** organized by Ranni Channmma University on 04.05.2020.
30. Participated **Covid-19: Lessons for environmental Sustainability & Opportunities for Innovative Models** Conducted by BECH-RUSA 2.0., Bharathidasan University on 14.05.2020.
31. Participated the **Faculty Development Programme**, organized by Sri GVG Visalakshi College for Women on 18.05.2020.
32. Participated **Avenues in Ocean Research** Conducted by BECH-RUSA 2.0., Bharathidasan University on 27.05.2020 to 29.05.2020.
33. Participated National Level online Seminar on **Research Methodology & SPSS**, Tuljaram Chaturchand College of Arts and Science, Pune from 08.06.2020 to 09.06.2020.

### **EXTRA-CURRICULAR ACTIVITIES –NSS & RRC- 39**

1. **Republic Day Cultural Programme** Organized on 24.01.2013 in Bharathidasan University, Tiruchirappalli.
2. **NSS Special Camp** Organized from 03.03.2013 to 09.03.2013 at Chinna Suriyur Village, Tiruchirappalli.
3. **Republic Day Cultural Programme** Organized on 22.01.2014. in Bharathidasan University, Tiruchirappalli.
4. **World Women's Day Programme** Organized by NSS Unit of Bharathidasan University, Tiruchirappalli, March 08.2014.
5. **World Women's Day Programme** Organized by RRC Unit of Bharathidasan University, Tiruchirappalli, March 08.2014.
6. **NSS Special Camp** Organized by NSS Unit of Bharathidasan University Tiruchirappalli, from 25.03.2014 to 31.03.2014 at Chinna Suriyur Village, Tiruchirappalli.
7. **One Day Special camp** jointly organized with I-link company at Kayampatti Village, Pudukkotai District on December 19, 2014.

8. **Republic day Cultural** Programme Organised by NSS Unit of Bharathidasan University, Tiruchirappalli, March 22.01.2016.
9. **Election Awareness Rally**, Organized by NSS Unit of Bharathidasan University Tiruchirappalli, May 06, 2016.
10. Celebrating **Samathuva Pongal**, Organized by NSS Unit of Bharathidasan University, Tiruchirappalli.
11. **World Humanitarian Day Programme** Organized at NSS Unit of Bharathidasan University, Tiruchirappalli, August 16, 2016.
12. **Blood Donation Camp organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 23<sup>rd</sup> August, 2016.
13. **NSS Special Camp** Organized by NSS Unit of Bharathidasan University Tiruchirappalli, from 24.03.2016 to 30.03.2016 at Chinna Suriyur Village, Tiruchirappalli.
14. **World Women's Day Programme** Organized by RRC Unit of Bharathidasan University, Tiruchirappalli, March 07. 2017.
15. **NSS Orientation Programme** organized by NSS Unit of Bharathidasan University, Tiruchirappalli, March 06.2017.
16. **NSS Special Camp** Organized by NSS Unit of Bharathidasan University Tiruchirappalli, from 24.03.2017 to 30.03.2017 at Chinna Suriyur Village, Tiruchirappalli.
17. **Republic day Cultural** Programme Organised by NSS Unit of Bharathidasan University, Tiruchirappalli, March 19.01.2018.
18. **International Women's Day Celebration organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 8<sup>th</sup> March, 2018.
19. **Dr. A. P. J. Abdul Kalam, on his birthday**, a youth rally has been organised in Bharathidasan University Campus on 15th October 2018.
20. **Samathuva Pongal** celebration on 11th January 2019.
21. **18.National Girl Child Day Celebration organized by** NSS Unit of Bharathidasan University, Tiruchirappalli. 24 January 2020.
22. **Kerala Flood Relief Camp** Organized by NSS Unit of Bharathidasan University Tiruchirappalli on Feb 04, 2020.
23. Celebrating **International Women's Day** on 08.03.2021 through google meet.

24. **NATIONAL CONSTITUTION DAY** Programme Organized at NSS Unit of Bharathidasan University, Tiruchirappalli, November 26, 2020. Through google meet: <https://meet.google.com/ekz-abmj-wme>.
25. **Earth Day Celebration organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 21<sup>st</sup> April, 2021.
26. **International Women's Day Celebration organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 8<sup>th</sup> March, 2021.
27. **World Environment Day Celebration organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 5<sup>th</sup> June, 2021.
28. **Ozone Day Celebration organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 16<sup>th</sup> September, 2021.
29. **International Mother Language Day Celebration organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 22<sup>nd</sup> February, 2022.
30. **International Women's Day Celebration organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 8<sup>th</sup> March, 2022.
31. **National science day celebration organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 28<sup>nd</sup> February, 2022.
32. **Blood Donation Camp organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 10<sup>nd</sup> March, 2022.
33. **World water day Celebration organized by** NSS Unit-I of Bharathidasan University, Tiruchirappalli. 22<sup>nd</sup> March, 2022.
34. **NSS Special Camp** Organized by NSS Unit-I of Bharathidasan University Tiruchirappalli, from 24.03.2022 to 30.03.2022 at Chinna Suriyur Village, Tiruchirappalli.
35. **Food Security Awareness** Organized by NSS Unit-I of Bharathidasan University Tiruchirappalli, on 28.07.2022 at Bharathidasan University, Tiruchirappalli.
36. Participated in the **International Day of Yoga Celebration** held at Raj Bhavan Chennai on 21<sup>st</sup> June 2022.
37. Participated in the 2-days Programme on connecting India Series under **Ek Bharat Shreshtha Bharat** held at Raj Bhavan Chennai on 10<sup>th</sup> & 11<sup>th</sup> October 2022.
38. **Youth Awakening Day** Organized by NSS Unit-I of Bharathidasan University Tiruchirappalli, on 15.10.2022 at Bharathidasan University, Tiruchirappalli.
39. **NSS Special Camp** Organized by NSS Unit-I of Bharathidasan University Tiruchirappalli, from 31.03.2023 to 06.04.2023 at Chinna Suriyur Village, Tiruchirappalli.

## **ANTI RAGGING AWARENESS PROGRAMME**

1. Workshop on **Ragging Free Campus** Organised on **18.07.18** at the Convocation Hall, Bharathidasan by Anti Ragging Cell of Bharathidasan University.
2. One Day Workshop on **Ragging Free Campus** was organised on **31st July, 2019**, Convocation Hall, Bharathidasan by Anti Ragging Cell of Bharathidasan University.
3. One Day Workshop on **Ragging Free Campus** was organised on **18 November, 2021**, AC- Auditorium, Bharathidasan University by Anti Ragging Cell of Bharathidasan University.
4. One Day Workshop on **Ragging Free Campus** was organised on **30 November, 2022**, Convocation Hall, Bharathidasan University by Anti Ragging Cell of Bharathidasan University.
5. One Day Workshop on **Ragging Free Campus** was organised on **16 October, 2023**, Convocation Hall, Bharathidasan University by Anti Ragging Cell of Bharathidasan University.

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