

# Curriculum vitae

## **Prof.Ramu**

Professor and Coordinator  
Centre for Geoinformatics Technology  
DOS in Geography, Manasagangothri  
University of Mysore, Mysuru 570 006  
Karnataka, INDIA

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## **Permanent Residential Address:**

#YN-27, Yeshodara Nagar, Bogadi Layout, II Stage North, Mysuru-26

## **Present Position Held**

2018-hitherto Professor and Coordinator, Center for Geoinformatics Technology,  
University of Mysore, Mysore 570 005

## **Past Position Held**

1997-2000 Lecturer in Geography at Mahajana's College, Mysore  
2001-2009 Assistant Professor at Maharaja's College, University of Mysore, Mysore-05  
2009-2014 Assistant Professor and Coordinator of M.Sc. GIS at Maharaja's College,  
University of Mysore, Mysore 570 005  
2014-2018 Associate Professor and Coordinator, Center for Geoinformatics Technology,  
University of Mysore, Mysore 570 005

## **Specialized Positions**

2008-Till date Co-ordinator, MSc. in GIS for Sustainable Development,  
under U.G.C Innovative Programme.  
2008-2014 BOE Chairman, M.Sc. in GIS for Sustainable Development  
2016-2020 BOE Chairman, M.Sc. in GIS for Sustainable Development.  
2009-2012 BOS Member, M.Sc. in GIS for Sustainable Development.  
2012-2015 BOS Member, M.Sc. in GIS for Sustainable Development.  
2016-2019 BOS Member, M.Sc GIS & PGD GIS.  
2019-2022 BOS Chairman, M.Sc GIS & PGD GIS.  
2010-2013 BOS Member, UG Board, DOS in Earth Science, MGM  
2014-2018 BOS Member, UG Board, Jnanabharathi, University of Bangalore,  
2016-2019 BOE Member, UG Board, Jnanabharathi, University of Bangalore,  
2014-2018 BOS Member, PG Board, Jnanabharathi, University of Bangalore,  
2008-2020 Admission Selection Committee Member for M.Sc. GIS

## **Teaching Experience**

1997-2000 UG Teaching at Mahajana's College, Mysore  
2001-2009 UG Teaching at Maharaja's College, UOM, Mysore  
2009-2014 Post-graduate teaching (PG) -M.Sc. GIS at Maharaja's College,  
2014 – Till date Post-graduate teaching (PG) -M.Sc. GIS Centre for Geoinformatics technology  
Manasagangothri, University of Mysore, Mysuru 570 006  
2016 – Till date P.G.Diploma in GIS, Centre for Geoinformatics technology  
Manasagangothri, University of Mysore, Mysuru 570 006

## **Affiliations with Professional Bodies**

- National Association of Geographers, India - Associate Member.
- The Deccan Geographical Society of India – Life Member
- Union of Geographic Information Technologists – Life Member

## **Ph.D Research Guide**

Recognized as a Guide for research candidates leading to PhD Degree in Geographical Information System, (GIS) by the University of Mysore, Mysore.

## **Ph. D Awarded:**

SN	Name	Title of the Thesis	Year of the Award
1.	Mr. Krishnamoorthy	Coastal Dynamics and Shoreline Mapping: Multi-Source Spatial Data Analysis using GIS and Remote Sensing along Le Morne Brabant Coast (Mauritius Islands)	2014
2.	Mr. Abhilash Rajendra	Geo-environmental Analysis of Solid Waste Management in the Local Planning Area of Mysore using GIS and Remote Sensing Databases	2015
3.	Mr. Nandeeshha	“Agricultural Drought Assessment Using GIS And Remote Sensing Applications in Different Agro Climatic Zones of Karnataka State”	2016
4.	Ms. Shima Sajadi Jajaram	“Suspended Sediment Estimation for Lokapavani River Basin of Karnataka State using Artificial Neural Networks via Geoinformatics Techniques”	2017
5.	Mr. Giridhar V. Thayoor	“An Assessment of the Sewage System using GIS and Remote Sensing – Case Study at Hunsur Town”	2017
6.	Mr. Vinay. M	“Scenario Based Simulation of Urban Expansion and Evaluation of Ecological Security: A Case study of Mysuru-Nanjangud LPA, Karnataka, India”	2020

## **Ongoing Ph.D. Research**

SN	Name	Research Topic
1	Mr. Manjunatha.R	“Implementation of Intelligent Tourism Information System (I-TIS) for Cultural Heritage Mysuru City using GIS based services
2	Mr. Hariharan Aiyer	Enrolled
3	Mr. Sivaram Sistla	Enrolled
4	Mr. Rajasekhar P.V	Enrolled

## **Guided for M.Phil**

Sl. No.	Name of the Student	Title of the Dissertation
01	Mr. M. Mallikarjuna	“Growth and Development of Mysore City – A Geographical Analysis” Center code :KA044 (2007-2008)

### **Research Projects Completed**

1. Minor Research Project: (2006-08): **Development of Dry land Agriculture in Selected villages of Nanjangud Taluk, Mysore District: A Special Analysis of Problems, Prospects and Strategies**, funded by the University of Mysore.
2. Major Research Project: (2008 April to 2010 March) and report Submitted on Aug – 2010 **Water Resource Management of the Cauvery Basin: Irrigation Management Transfer as Strategy for Participatory Irrigation Management**, funded by the University Grant Commission (U.G.C), New Delhi.

### **UGC Innovative Programme**

Started M.Sc. GIS course under the University Grants Commission Innovative Programme in the year 2008 at the Maharaja's College, University of Mysore, Mysore. After the successful completion of five batches, the course was shifted to the Department of Geography, Manasagangothri, University of Mysore from the academic year 2014-15 with a change in nomenclature as "Centre for Geoinformatics Technology" providing 100 percent placement to the students.

### **Courses Taught and Specialization**

- ✓ Geographical Information System(GIS)
- ✓ Remote Sensing
- ✓ Climate Change
- ✓ Atmospheric Studies
- ✓ Irrigation Management

### **Memorandum of Understanding (MoU)"**

I have been engaged in developing collaborations with Foreign Universities, Indian Universities and GIS industries. Successfully, we have collaborations with the following two organization:

1. MoU with Massaryk University, Czech Republic 2011
2. MoU with InfoMaps, a mapping organization in Chennai for Research, Training and Internships for students 2010-13 and renewed from 2014-17

## Research Publications

### A) Published Papers in Refereed Journals:

Sl. No.	Title, Journal with volume, Year and Page Nos.	First / Corresponding author	Coauthor	Impact Factor
1	Morphometric Analysis of Tungabhadra Drainage Basin in Karnataka using Geographical Information System, Journal of Engineering, Computers & Applied Sciences, Vol 2, Issue 7, 2013, pp.1-7	<b>Dr. Ramu</b> B. Mahalingam	Dr. P.Jayashree	4.29
2	Assessment of Groundwater Quality Using GIS Techniques: A Case Study of Mysore City, International Journal of Engineering and Innovative Technology, Vol. 3, Issue 8, 2014, pp.117-122	B. Mahalingam <b>Dr. Ramu</b>	Magdum Deepali Bhauso Dr. P. Jayashree	2.915
3	Bio-Medical Waste Management in the Local Planning Area of Mysore City, International Journal of Advanced Research, Volume 2, Issue 7, 2014, pp.951-955	Abhilash Rajendra <b>Dr. Ramu</b>		5.336
4	Estimation of Seafloor Bathymetry across the Shallow Waters of Coastal Region using Remote Sensing and GIS Techniques: A Case Study of Andaman Islands, Territory of Indian Administration, India, International Journal of Advanced Research in Science and Technology, Volume 3, Issue 4, 2014, pp.205-207	M. Vinay <b>Dr. Ramu</b>	B. Mahalingam B V Shobha	2.179
5	Identification of ground water potential zones using GIS and Remote Sensing Techniques: A case study of Mysore Taluk-Karnataka, International Journal of Geomatics and Geosciences, Volume 5, No 3, 2014, pp. 393-403	<b>Dr. Ramu,</b> Mahalingam B	Vinay M	4.39
6	Rainfall Variability in Space and Time, A Case of Mysore District, Karnataka, India, Current Trends in Technology and Science, Volume: 3, Issue: 3, 2014, pp. 205-209	B.Mahalingam <b>Dr. Ramu</b>	Bharath Dr. Jayashree	2.82
7	Assessment of Municipal Solid Waste Management in Mysore City, International Journal of Application or Innovation in Engineering & Management, Volume 3, Issue 4, 2014, pp. 134-138	Abhilash Rajendra <b>Dr. Ramu</b>		5.427
8	A comparative temperature study of South Indian Metropolitan cities in India using Remote Sensing and GIS technique, International Journal of Engineering Technology and Computer Research,	B.Mahalingam <b>Dr. Ramu</b>	Vinay.M	3.983

	Volume 2 Issue 5 Page No. 27-39			
9	Spatial Model for Estimation of Carbon Stock and Carbon di Oxide Sequestration by Indian Forest through Landsat Imageries, International Journal for Scientific Research & Development, Sp. Issue – Image Processing, 2015, pp. 1-3	M. Vinay <b>Dr. Ramu</b>	B.Mahalingam,	2.39
10	"Four Decades of Land Use Change in Mysuru-Nanjangud Local Planning Area, Karnataka, India.", International Journal of Emerging Technologies and Innovative Research”(www.jetir.org), ISSN:2349-5162, Vol.5, Issue 7, page no.24-30, July-2018	VINAY.M, <b>Dr.RAMU</b>		5.87
11	"Spatially Explicit Simulation of Land Use Change in Mysuru-Nanjangud Local Planning Area: A Scenario Based Study", International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN: 2349-5162, Vol.5, Issue 7, page no.75-81, July-2018	VINAY.M, <b>Dr.RAMU</b>		5.87

#### Published Papers in Reputed Journals:

Sl. No.	Title, Journal with volume, Year and Page Nos.	First / Corresponding author	Coauthor	ISSN/ ISBN No.
1	Hypsometric Properties Of Drainage Basins In Karnataka Using Geographical Information System New York Science Journal 2012;5(12)	Ramu	B.Mahalingam	ISSN: 1554-0200)
2	Agricultural Drought Assessment In Central Dry Zone Of Agro Climatic Zones Of Karnataka Using GIS And Remote Sensing, International Journal of Computer Science and Information Technology Research, Vol. 3, Issue 2, April 2015, pp.575-581	Nandeesh <b>Dr. Ramu</b>		ISSN 2348-1196 (print)
3	Assessment of Rainfall Patterns and Meteorological Drought in Northern Dry Agro Climatic Zone Of Karnataka, International Journal of Computer Science and Information Technology Research Vol. 3, Issue 2, April 2015,	Nandeesh <b>Dr. Ramu</b>		ISSN 2348-1196 (print)
4	Towards a Sustainable Sewage System using GIS and Remote Sensing, Annamalai International Journal of Business Studies and Research (AIJBSR), (SPECIAL ISSUE), November 2015	Giridhar V. Thayoor <b>Dr. Ramu</b>		ISSN:0975-749X

5	Site Suitability Analysis for Artificial Recharge of Groundwater using GIS and Remote Sensing Techniques: A Study of Mandya District, Karnataka, India, Journal of Water Resource Engineering and Management, Vol 2, Issue 3, 2015, pp.10-22	M. Vinay <b>Dr. Ramu</b>	B.Mahalingam,	ISSN: 2349-4336
6	Quantification of soil erosion by water using GIS and Remote Sensing Techniques: A Study of Pandavapura Taluk, Mandya District, Karnataka, India, ARPN Journal of Earth Sciences, Vol. 4, Issue 2, 2015, pp.103-110	M. Vinay <b>Dr. Ramu</b>	B.Mahalingam,	ISSN 2305-493X
7	Soil quality assessment using GIS and Parameter Indexing Method, Research & Reviews: Journal of Agricultural Science and Technology, Vol.5, Issue 1, 2016, pp.16-24	M. Vinay <b>Dr. Ramu</b>	B.Mahalingam,	ISSN: 2278 – 2206
8	Selection of Optimum Sites for Solid Waste Management in Hassan City Local Planning Area, Hassan District, Karnataka, India using GIS and Remote Sensing Techniques; Proceedings of On Recent Trends in Geoscience, Material Science and Civil Engineering, <b>2017, pp-117-122</b>	<b>Ramu, M.Vinay</b>		
9	Implementation of Smart Tourism Information System(S-TIS) : A web based Geo-Portal and Android Application for Mysuru City, Karnataka, India: Proceedings of On Recent Trends in Geoscience, Material Science and Civil Engineering, 2017, <b>pp-50-54</b>	M.Vinay, <b>Ramu</b>		
10	Precipitation Variability Assessment using GIS and Geostatistical Techniques: A Study of Chamarajanagara District, Karnataka, India; Research & Reviews: Journal of Ecology.2016. 5(3), 1-6p	<b>Ramu, M.Vinay</b>		ISSN: 2278-2230(online);
11	A Review on Artificial Neural Networks Modeling for Suspended Sediment Estimation; IOSR Journal of Applied Geology and Geophysics, 2016	Shima Sajadi.J, <b>Ramu</b>		e-ISSN: 2321–0990, p-ISSN: 2321–0982
12	Comparison Study on Artificial Neural Network and Sediment Rating Curve Modeling for Suspended Sediment Estimation (Case Study: Lokapavani River Basin), 2016	Shima Sajadi.J, <b>Ramu</b>		e-ISSN: 2278-1684,p-ISSN: 2320-334X
13	“Coordinating Supply and Demand of Water to Confront Water Security in Mysuru-Nanjangud LPA: A System Dynamics Approach” Research & Reviews: A Journal of Embedded System & Applications, 2018	VINAY M. <b>Dr.RAMU</b>		2395-6712 (Online), ISSN: 2321-8533 (Print) Volume 5, Issue 3

### **Books Published:**

Published a Book from an United Kingdom (UK) based Henson Editorial Services & North Staffordshire Press Ltd., Staffordshire University titled “**Participatory Irrigation Management in Karnataka, India**” in the year 2011.

### **Workshops Organized:**

<b>2011</b> - UGC Sponsored Three-day National Workshop	2011 – UGC Sponsored Three-day National Workshop on “Scenario Mapping, Climate Change and Infectious Diseases at the Department of Geography (GIS), Maharaja’s College, Mysore from October 12-14, 2011.
<b>2011</b> - One-day International Workshop on	2011 –One-day International Workshop on “GIS and Journalism” on 7 <sup>th</sup> March 2011 at the Department of Geography (GIS), Maharaja’s College, Mysore.
<b>2012</b> - Two-day Workshop	2012- Two-day Workshop on “Geoinformatics for Natural Resources Management”, for Under Graduate Science Lecturers, at the Department of Geography (GIS), Maharaja’s College, Mysore on 12 <sup>th</sup> and 13 <sup>th</sup> March 2012.
<b>2015</b> - One-day National Seminar	2015- Organizing Committee Member for one-day National Seminar on “Status of Geography in India, Issues, Opportunities and Challenges” on 12th February 2015, at Maharaja’s College, UOM, Mysore 570005.
<b>2015</b> - One day Workshop	One day Workshop on “Recent Trends In Geospatial Technologies” – 17th October 2015 at the Centre for Geoinformatics Technology, DOS in Geography, MGM
<b>2016</b> - Four-Day Workshop	Four-Day Workshop on “NVivo and Qualitative Analysis” - 8th to 11th February 2016 at the Centre for Geoinformatics Technology, DOS in Geography, MGM
<b>2016</b> - 3-day Workshop	3-day Workshop on “Introduction to GIS and Remote Sensing” - 21st to 23rd March 2016 at the Centre for Geoinformatics Technology, DOS in Geography, MGM
<b>2016</b> - 5-days National Seminar	Indian Social Science Congress organized by DOS in Geography, University of Mysore, MGM, 19-12-2016 to 23-12-2016
<b>2016</b> – 3 day National conference	38 <sup>th</sup> Indian Geography Congress, National Association of Geographers, India organized by DOS in Geography, University of Mysore, MGM, 26-12-2016 to 28-12-2016
<b>2020</b> – 2 Day Workshop	Two days’ workshop on “Advanced Land Surveying Technologies” Jointly organized by Department of Studies in Geography & Centre for Geoinformatics Technology, Manasagangothri campus, university of Mysore, Mysuru on 17th and 18th of February 2021.

## **Training and Special Lectures delivered:**

<b>Title</b>
1. Delivered a special Lecture on “Trends and Opportunities in Geography” at Government First Grade College, K.R.Pet, Karnataka on 18th April 2011.
2. Provided Training for the Participants of Two-Day Workshop on Monitoring Information System, Geo-Spatial Information System and Geographical Position System under MGNREGS conducted by the Abdul Nazeer Sab State Institute for Rural Development on 22nd and 23rd January 2013.
3. Provided training for the Participants of Training Programme on Monitoring Information System, Geo-Spatial System and Geographical Position System to District and Taluk Level MIS Co-ordinators under MGNREGS conducted by the Abdul Nazeer Sab State Institute for Rural Development from 12th to 15th February 2013.
4. Provided training for the participants of Training Programme on Monitoring Information System, Geo-Spatial System and Geographical Position System to District and Taluk Level MIS Co-ordinators under MGNREGS conducted by the Abdul Nazeer Sab State Institute for Rural Development from 18th to 21st February 2013.
5. Provided training for the participants of Training Programme on Monitoring Information System, Geo-Spatial System and Geographical Position System to District and Taluk Level MIS Co-ordinators under MGNREGS conducted by the Abdul Nazeer Sab State Institute for Rural Development from 05th to 08th February 2013.
6. Provided training for the participants of Training Programme on Monitoring Information System, Geo-Spatial System and Geographical Position System to District and Taluk Level MIS Co-ordinators under MGNREGS conducted by the Abdul Nazeer Sab State Institute for Rural Development from 25th to 28th February 2013.
7. Delivered special Lecture on “Geographical Information System” at JSS College, Chamarajanagar on 21st March 2014.
8. Delivered special lecture on GIS on May-2014 for Ph.D course work students at Kannur University, Kerala, 22-May-2014
9. Resource Person on “Conservation of Water Resources” for the one-day State Level Seminar program organized by the Department of Geography, JSS College for Women, Chamarajanagara, held on 20 Feb 2015.
10. Delivered special lecture on “Applications of GIS and Remote Sensing on Present Scenario” organized by the Department of Geography, Sri D.Urs First Grade College, Hunsur held on 28 Feb 2015.
11. Delivered special lecture on “Applications of GIS and Remote Sensing on Present Scenario” for the one-day workshop on Geographical Information System organized by the Department of Geography, Maharani’s Arts College for Women, Mysore held on 17 March 2015.
12. Resource Person on “Sustainable Agriculture for Food Security” for the one-day State Level Seminar program organized by the Department of Geography, JSS College for Women, Kollegal, held on 30 Mar 2015.
13. Resource Person on “Applications of GIS and Remote Sensing” for the one-day special lecture program organized by the Department of Geography, Govt. First Grade College, Gundlupete, held on 20 Apr 2015.
14. Delivered special lecture on “Geographical Information System” for the one-day organized by the KSOU, Mysore held on 21st Aug 2015.
15. Delivered special lecture on “Basics of GIS and Remote Sensing” for the one-day organized by the Department of Geography, Rani Chennamma University, Belagavi held on 29th Sept 2015.
16. Delivered special lecture on “Remote Sensing and GIS Applications” for the one-day organized by the Department of Geography, Karnatak University, Dharwad held on 30th Sept 2015.
17. Delivered special lecture on “Application of Geographical Information System (GIS) in Disaster Management & other Emergency Services” for the Training programme on “Application of Remote Sensing, GIS & GPS in Disaster Management” at the Administrative Training Institute, Mysore 14th October 2015
18. Delivered special lecture on “Geographical Information System” at the Training Programme for KAS, FDI/SDI” at Karnataka State Open University on 21 August 2015
19. Resource Person on “Mechanism of Indian Monsoon and Its Impact on Agriculture in India” for the one-day special lecture program organized by the Department of Geography, J.S.S Arts and Commerce College, Gundlupete, held on 24 Feb 2016.

20. Delivered special lecture on “Applications of GIS and Remote Sensing on Present Scenario” for the one-day organized by the Department of Geography, JSS College for Women, Kollegal held on 16 March 2016.
21. Delivered special lecture on “Applications of GIS and Remote Sensing” for the one-day organized by the Department of Geography, Govt. First Grade College, K.R.Pete, Mandya held on 29 Mar 2016.
22. Delivered special lecture on “Application of Geographical Information System (GIS) in Disaster Management & other Emergency Services” for the Training programme on “Application of Remote Sensing, GIS & GPS in Disaster Management” at the Administrative Training Institute, Mysore 27th May 2016
23. Delivered special lecture on “Demonstration – Geo-rectification, database creation and Map preparation” for the Training programme on “Application of Remote Sensing, GIS & GPS in Disaster Management” at the Administrative Training Institute, Mysore 27th May 2016
24. Delivered special lecture on “Hands on Exercise – Geo-rectification, database creation and Map preparation” for the Training programme on “Application of Remote Sensing, GIS & GPS in Disaster Management” at the Administrative Training Institute, Mysore 27th May 2016
25. Delivered special lecture on “Geo-rectification, Database Creation & Map Preparation – Group work & Presentation” for the Training programme on “Application of Remote Sensing, GIS & GPS in Disaster Management” at the Administrative Training Institute, Mysore 28th May 2016
26. Delivered special lecture on “Application of Geographical Information System (GIS) in Disaster Management & other Emergency Services” for the Training programme on “Application of Remote Sensing, GIS & GPS in Disaster Management” at the Administrative Training Institute, Mysore 7th June 2016
27. Delivered special lecture on “Demonstration – Geo-rectification, Database Creation & Map Preparation” for the Training programme on “Application of Remote Sensing, GIS & GPS in Disaster Management” at the Administrative Training Institute, Mysore 8th June 2016
28. Delivered special lecture on “Hands on Exercise – Geo-rectification, database creation and Map preparation” for the Training programme on “Application of Remote Sensing, GIS & GPS in Disaster Management” at the Administrative Training Institute, Mysore 8th June 2016
29. Delivered special lecture on “Geo-rectification, Database Creation & Map Preparation – Group work & Presentation” for the Training programme on “Application of Remote Sensing, GIS & GPS in Disaster Management” at the Administrative Training Institute, Mysore 9th June 2016
30. Delivered special lecture on “Geo-rectification, Database Creation & Map Preparation – Presentation” for the Training programme on “Application of Remote Sensing, GIS & GPS in Disaster Management” at the Administrative Training Institute, Mysore 10th June 2016
31. Resource Person on “Applications of GIS and Remote Sensing” for the one-day special lecture program organized by the Department of Geography, J.S.S Women College, Chamarajanagara, held on 17 Feb 2017.
32. Resource Person on “Applications of GIS and Remote Sensing” for the one-day special lecture program organized by the Department of Geography, Govt. First Grade College, K.R.Pete, Mandya held on 16 Mar 2017.
33. Resource Person on “Disaster Management and Environment Protection” for the one-day National Seminar organized by the Department of Geography, J.S.S College for Women, Saraswathipuram, Mysore held on 22 Mar 2017.

**PAPERS PRESENTED/PARTICIPATED/CHAIRIED/HOSTED IN  
CONFERENCES/SEMINARS/WORKSHOPS:**

<b>(a) International:</b>
1. 2012 – Presented a paper titled “Morphometric Analysis using GIS Applications: A Case Study of Chamundi Hills (Mysore City)” in XI International Conference on Environment, Tourism and Development organized by the DOS in Geography, MGM, and Deccan Geographical Society of India from 22nd to 24th February 2012.
2. 2012 – Presented a paper titled “Layout Planning using GIS – A Case Study of Ballahalli ‘MUDA’ Extension, Mysore Taluk” in XI International Conference on Environment, Tourism and Development organized by the DOS in Geography, MGM, and Deccan Geographical Society of India from 22nd to 24th February 2012.
3. 2012 – Presented a paper titled “Change Detection of Land Use Faunal & Floral change: A Case Study of Ranganathittu Bird Sanctuary” in XI International Conference on Environment, Tourism and Development organized by the DOS in Geography, MGM, and Deccan Geographical Society of India from 22nd to 24th February 2012.
4. 2012 – Presented a paper titled “Upgradation & Management of Slums using GIS Applications: A Case Study of Mysore City” in XI International Conference on Environment, Tourism and Development organized by the DOS in Geography, MGM, and Deccan Geographical Society of India from 22nd to 24th February 2012.
5. 2013 - Participated in the First International Conference on “Urban Issues and Challenges” held at the Department of Geography, Bangalore University under the banner of Union of Geographic Information Technologists on 27th and 28th March 2013.
6. 2013 - Chairman for the Technical Sessions in International Conference on “Environmental Management for Sustainable Development” organized by the Department of Geography, Karnatak University’s Karnatak Science College, Dharwad on 20th and 21st December 2013.
7. 2013 – Presented a paper on “Assessment of Soil Erosion in Mysore District using USLE Method” in the International Conference on Environmental Management for Sustainable Development” organized by Department of Geography, Karnatak University’s Karnatak Science College, Dharwad, Karnataka, India on 20 and 21 December, 2013.
8. 2015 - Participated in two days international conference on 5 <sup>th</sup> and 6 <sup>th</sup> March, titled “Indo-Iranian Scientific Relation and Co-operation: Opportunities and Challenges”, conducted by Research Counselor of Science and Education Embassy of Islamic Republic of Iran, New Delhi at University of Mysore, Mysore 2015.
9. 2016 - presented on the topic “Smart Urban Sewage Management using GIS and Remote Sensing” in the Fourth International Conference on Remote Sensing and GIS Applications on Coastal Management
10. 2017 - presented on the topic “Coordinating Supply and Demand of Water to Confront Water Security in Mysore-Nanjangud LPA: A System Dynamics Approach” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
11. 2017 - presented on the topic “Ground Water Potential Zones and Borehole Location Information Systems: A GIS Based Case Study” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
12. 2017 - presented on the topic “Automated Morphometric Parameter Delineation and Interpretation: An ArcGIS Toolbox” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017

13. 2017 - presented on the topic “Groundwater Vulnerability Assessment in Mysore City Local Planning Area: A GIS Based DRASTIC Method” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
14. 2017 - presented on the topic “Landslide Risk Assessment in Kodagu District, Karnataka: A Case Study” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
15. 2017 - presented on the topic “Soil Erosion Modelling in H.D.Kote Taluk, Mysore, Karnataka using GIS Techniques” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
16. 2017 - presented on the topic “Land Suitability Analysis for Turmeric Cultivation using GIS and Remote Sensing Technique-A Case Study of Chamarajanagara District, Karnataka.” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
17. 2017 - presented on the topic “Impact of Urbanization on Lowering of Ground Water Level: A Case Study of Bangalore City, Karnataka, India” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
18. 2017 - presented on the topic “Rainfall Induced Runoff and Accumulation Modelling using GIS Based Unsteady Flow Analysis” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
19. 2017 - presented on the topic “Forest Fire Simulation using GIS Techniques: An Experimental Study” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
20. 2017 - presented on the topic “Assessment of Spatio-Temporal Changes in Land use-Land Cover of Mandya Taluk-District, Karnataka, India using GIS and Remotely Sensed Landsat Imageries” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
21. 2017 - presented on the topic “Flood Hazard Zones in Cauvery River Basin: A Case Study using GIS and Remote Sensing Techniques” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017
22. 2017 - presented on the topic “Coastal Vulnerability Assessment along the Coastal Stretch of Gulf of Mannar” in the Sixth International Conference on “Climate Change and Sustainable Water Resource Management – Innovative Geospatial Solutions” 9-11, November 2017

<b>(b) National</b>
1. 2004 - Rainwater Harvesting in Mysore City, Paper presented at the National Seminar on Resource Management for sustainable Development, Department of Geography, University of Mysore.
2. 2004 - Dry Land Agriculture of Mysore and Chamarajanagara District, Paper presented at the National Seminar on 'Resource Management for Sustainable Development', Department of Geography, University of Mysore.
3. 2004 - Roof Rainwater Harvesting in Mysore City, National Association of Geographers of Indian Conference, Department of Geography, University of Bangalore, Gnanabharathi, Bangalore, December.
4. 2005 - "The Roof Rain Water Harvesting in Mysore City" XXVII Indian Geography Congress, (NAGI) PG.Dept of Geography, Jnanabarthi, Bangalore University, Bangalore
5. 2005 - "Need for & Scope of Utilizing Saline Ground Water in Irrigated Agriculture" XXVII Indian Geography Congress, NAGI) P.G. Department of Geography, Jnanabarthi, Bangalore University, Bangalore
6. 2008 - Application of Geographical Information Technology, P.G.Dept. of Geography, Jnanabarthi, Bangalore University, Bangalore.
7. 2009 – Workshop on "Application of Geographic Information Technology" held on 24th March at Post-Graduate Department of Geography, Jnanabharathi Campus, Bangalore University, Bangalore
8. 2010 - National workshop on "New Challenges in Teaching English Language through Literature" held at Department of English, Maharaja's College, Mysore on 6 and 7 March 2010.
9. 2011 - Participated in one-day National Seminar on "Recent Trends in Geography" organized by the PG Department of Geography, Maharani's College for Women, Mysore on 29th April 2011.
10. 2012 - Participated in one-day National Seminar on "Climate Change and Disaster Management" held Departments of Geography and Environmental Studies, S.B.R.R. Mahajana First Grade College, Mysore on 07th March 2012.
11. 2012 - Participated in two-day National Seminar on "Dimensions Of Urbanisation – Challenges And Opportunities" organized by the Departments of History, Economics, Geography and Sociology, S.B.R.R. Mahajana First Grade College, Mysore in collaboration with Institute of Development Studies, University of Mysore on 19th and 20th October 2012.
12. 2012 Participated in three-day NRDMS-DST sponsored National Level Workshop on "Geospatial Technology" organized by the Jayam College of Engineering and Technology, Dhamapuri, T.N. from 28th to 30th June 2012.
13. 2013 - Participated in the UGC sponsored two-day National Level Seminar on "Sustainable Development, Climate Change and Food Security" held in the Post Graduate Department of Geography, Maharani's Arts and Commerce College for Women, Mysore on 23rd and 24th January 2013.
14. 2013- Participated in National Workshop on "Advanced Application of Geospatial Technology" organized by DOS in Geography, MGM, UOM, Mysore from 28th February to 5th March 2013
15. 2013 - Participated in one-day National Seminar on "Environmental Health Hazards" organized by the Departments of Environmental Studies and Wellness Centre, S.B.R.R. Mahajana's First Grade College, Mysore on 22nd March 2013
16. 2014- Participated in the Second National Conference of Union of Geographic Information Technologists on "Geospatial Technologies in Natural Resource Management and Disaster Mitigation" organized by the Department of Geography, School of Earth Sciences, Central University of Karnataka, Gulbarga on 14th and 15th February 2014.

<b>(c) Regional/State Level</b>
1. 2006 – “Total Quality Improvement” one-day workshop at Maharaja College, Mysore University, Mysore
2. 2007 – Workshop on Digital Cartography, Organized by Geographical Science Association, Mysore, held at Maharani’s Arts & Commerce College for Women, Mysore.
3. 2007 – UGC Sponsored State level Workshop on “Rain Water Harvesting” Held on 4 and 5 October at JSS College of Arts, Commerce and Science, Ooty Road, Mysore.
4. 2007 – UGC Sponsored Workshop on “Continuing Global Warming and its impacts”, held at JSS College of Arts, Commerce and Science, Ooty Road, Mysore on 22 September 2007
5. 2007- “Emerging Trends in Geography: Industry and Environmental Issues” held at J.S.S College, Najanagud, Mysore District
6. 2011 - State Level Seminar on “Climate Change and Environmental Issues” held on 18th February 2011 at the Department of Geography and Environmental Studies, Maharaja’s College, Mysore
7. 2012 - Participated in one-day Workshop on Educating Teachers on the “Student’s Mental Health” organized by the UGC-Academic Staff College, University of Mysore on 10th October 2012.
8. 2014 - One-day workshop on “Intellectual Property Training and Awareness” held on April 10th, 2014 at Institution of Excellence, Vijnana Bhavan, Manasagangothri, University of Mysore.
9. 2015- Resource Person for one-day National Seminar on “Status of Geography in India, Issues, Opportunities and Challenges” on 12th February 2015, at Maharaja’s College, UOM, Mysore 570005.
10. 2015- Resource Person for One day Workshop on “Recent Trends In Geospatial Technologies” – 17th October 2015 at the Centre for Geoinformatics Technology, DOS in Geography, MGM
11. 2016- Resource Person for Four-Day Workshop on “NVivo and Qualitative Analysis” - 8th to 11th February 2016 at the Centre for Geoinformatics Technology, DOS in Geography, MGM
12. 2016 - Resource Person for 3-day Workshop on “Introduction to GIS and Remote Sensing” - 21st to 23rd March 2016 at the Centre for Geoinformatics Technology, DOS in Geography, MGM

Declaration: I do hereby declare that the above particulars of facts and information stated are true, correct and complete to the best of my belief and knowledge.

**Prof.Ramu**

Date: 20-07-2021

Place:

Centre for Geoinformatics Technology  
DOS in Geography, Manasagangothri Campus,  
University of Mysore, Mysore