

FACULTY PROFILE

1. Name : **Dr. RAMU**
2. Designation : Assistant Professor & Course Coordinator, M.Sc. GIS
3. Qualification : M.A. in Geography, Ph.D.
4. Area of Specialization/interest: Geographical Information System,
Remote Sensing, Climate Change,
Photogrammetry, LiDAR, Land Use Planning

5. Number of projects completed:

Sl. No.	Title of the project	Funding Agency	Year (From-To)
1	Minor Research Project: Development of Dry land Agriculture in Selected villages of Nanjangud Taluk, Mysore District: A Special Analysis of Problems, Prospects and Strategies	University of Mysore	2006-2008
2	Major Research Project: Water Resource Management of the Cauvery Basin: Irrigation Management Transfer as Strategy for Participatory Irrigation Management	University Grants Commission, New Delhi	2008-2010

6. 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.

7. Number of Ph.D. candidates successfully completed: 03

8. Number of Ph.D candidates currently working: 07

9. Number of M.Phil candidates successfully completed: 01

10. PUBLICATIONS:

i) Books

- 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.

ii) Articles in Journals

Sl. No.	Title of the article	Name of the Journal/ Publisher	National/ International	Year	Authors in the order of appearance
1	Shoreline Change Analysis using Spatial Technology along the coast between Trou aux Biches –Mont Choisy with special reference to Trou aux Biches Beach	Journal of Civil Engineering and Architecture	International	2011	Krishna Moorthy G, Dr. Ramu , T.Vasantha Kumaran
2	Hypsometric Properties of Drainage Basins in Karnataka using Geographical Information System	New York Science Journal	International	2012	Dr. Ramu , B.Mahalingam
3	Morphometric Analysis of Tungabhadra Drainage Basin in Karnataka using Geographical Information System	Journal of Engineering, Computers & Applied Sciences	International	2013	Dr. Ramu , B.Mahalingam P.Jayashree
4	Assessment of Groundwater Quality Using GIS Techniques: A Case Study of Mysore City	International Journal of Engineering and Innovative Technology	International	2014	B.Mahalingam, Dr. Ramu , M. Deepali P.Jayashree
5	Bio-Medical Waste Management in the Local Planning Area of Mysore City	International Journal of Advanced Research	International	2014	Abhilash Rajendra, Dr. Ramu
6	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	International	2014	M. Vinay, Dr. Ramu , B.Mahalingam and B.V Shobha
7	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	International	2014	Dr. Ramu , Mahalingam B, Vinay M
8	Rainfall Variability in Space and Time, A Case of Mysore District, Karnataka, India	Current Trends in Technology and Science	International	2014	B.Mahalingam Dr. Ramu , Bharath, Jayashree

9	Assessment of Municipal Solid Waste Management in Mysore City	International Journal of Application or Innovation in Engineering & Management	International	2014	Abhilash Rajendra and Dr. Ramu
10	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	International	2014	B.Mahalingam Dr. Ramu , Vinay.M
11	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	International	2015	Nandeesh, Dr.Ramu
12	Assessment of Rainfall Patterns and Meteorological Drought in Northern Dry Agro Climatic Zone Of Karnataka	International Journal of Computer Science and Information Technology Research	International	2015	Nandeesh, Dr.Ramu
13	Towards a Sustainable Sewage System using GIS and Remote Sensing	Annamalai International Journal of Business Studies and Research (AIJBSR)	International	2015	Giridhar Thayoor, Dr.Ramu
14	Smart Urban Sewage Management using GIS and Remote Sensing	Fourth International Conference on Remote Sensing and GIS Applications on Coastal Management	International	2016	Giridhar Thayoor, Dr.Ramu

11. TEACHING AND RESEARCH COLLABORATION:

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. Signed MoU with Massaryk University, Czech Republic in 2011
2. Signed MoU with InfoMaps, a mapping organization in Chennai for Research, Training and Internships for students 2013

MoU process is in progress with Waterloo University, Canada; Staffordshire University, UK; Bonn University, Germany; Nokia India Pvt. Ltd., New Delhi; and EI Technology, Bangalore and Pancharatna Rural Urban Development Organization, Mysuru

12. WORKSHOPS ORGANIZED:

2011 - 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.
2012 - 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 th and 13 th March 2012.
2011 - One-day International Workshop on	2011 –One-day International Workshop on “GIS and Journalism” on 7 th March 2011 at the Department of Geography (GIS), Maharaja’s College, Mysore.
2015 - 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.
2015 - 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
2016 - 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
2016 - 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

13. TRAINING AND SPECIAL LECTURES DELIVERED:

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 Government First Grade College, Hassan, Karnataka on 18th April 2011.
8. Delivered special Lecture on “Geographical Information System” at Government First Grade College, Hassan, Karnataka on 18th April 2011.
9. Delivered special Lecture on “Geographical Information System” at Government Arts and Commerce College, Nanjanagud. on 21st March 2011.
10. Delivered special Lecture on “Geographical Information System” at JSS College, ChamaraJanagar. on 21st March 2014.
11. Delivered special lecture on GIS on May-2014 for Ph.D course work students at Kannur University, Keraka
12. 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.
13. Delivered special lecture on “Recent Applications of GIS and Remote Sensing” for the One day Workshop on GIS and Remote Sensing organized by the Department of Geography, Govt. First Grade College, Gundlupet held on 20th April 2015.
14. Delivered special lecture on “Mechanisms of Indian Monsoon and its impact on Agriculture in Karnataka” for the UGC Sponsored One day workshop organized by the Department of Geography, JSS College, Gundlupet held on 25th February 2016.
15. Delivered special lecture on “Mobile Applications in GIS” for the One day workshop on Recent Trends in Geospatial Technologies organized by the Centre for Geoinformatics Technology, DOS in Geography, University of Mysore, Mysuru held on 17th October 2015.

16. Delivered special lecture on “Applications of GIS and Remote Sensing; and Hands-on Exercises” for the One day Workshop on Introduction to GIS and Remote Sensing organized by the Centre for Geoinformatics Technology, DOS in Geography, University of Mysore, Mysuru held on 21st to 23rd March 2016.
17. Delivered special lecture on “Hands-on for Qualitative Analysis” for the four day Workshop on NVivo and Qualitative Analysis organized by the Centre for Geoinformatics Technology, DOS in Geography, University of Mysore, Mysuru held on 8th to 11th February 2016.
18. Delivered special lecture on “Smart Urban Sewage Management using GIS and Remote Sensing” for the Fourth International Conference on Remote Sensing and GIS Applications on Coastal Management organized by the Department of Geography, Mangaluru University held on 16th and 17th February 2016.
19. Delivered special lecture on “GIS and Remote Sensing for Water Resource Management” for the UGC sponsored State Level Seminar on “Conservation of Water Resources” organized by the Department of Geography, JSS College for Women, Chamaraajanagar held on 20th February 2015.
20. Delivered special lecture on “GIS and Remote Sensing in Precision Farming” for the UGC sponsored State Level Seminar on “Sustainable Agriculture for Food Security” organized by the Department of Geography, JSS College for Women, Kollegal held on 30th March 2015.

14. PAPERS PRESENTED IN CONFERENCES/SEMINARS/WORKSHOPS:

- 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.
- 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.
- 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.
- 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.

- 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.
- 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.

15. Chairman/Member of Authority/Committee etc:

- BoE Chairman, M.Sc. in G.I.S for Sustainable Development - 2008-2014 & 2016
- BoS Member, M.Sc. in G.I.S. for Sustainable Development - 2009-2012.
- BoS Member, M.Sc. in G.I.S. for Sustainable Development - 2012-2015.
- BoS Member, M.Sc. in G.I.S. for Sustainable Development - 2016 -Till date.
- BoS Member, U G Board, DOS in Earth Science, MGM - 2010-13
- BoS Member, U G Board, Gnanabharathi, University of Bangalore - 2014-Till date
- BoE Member, U G Board, Gnanabharathi, University of Bangalore - 2016- Till date
- BOS Member, P G Board, Gnanabharathi, University of Bangalore - 2014-Till date
- Admission Selection Committee Member for M.Sc. GIS - 2008-Till date

16. Membership to professional Organization/Associations:

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

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