



## PROF. L.T.NAYAK RESEARCH PROFILE

- 1.Name :Dr.L.T.Nayak
- 2.Designation :Professor, Dept. of Geography
- 3.Education Qualification : M.A.,M.Phi.,Ph.d
- 4.Additional Charge : Coordinator, IQAC
- 5.Teaching Experience : 28 years
- 6.Research Experience :24years
- 7.Area of Specialization : Regional Planning, Development and Environmental studies
- 8.Research Guideship : Since 2010

### ***RESEARCH PROFILE***

#### **1.Research Projects :**

Nature of Project	Title of the Project	Funding Agency	Status
Minor	Spatio-Temporal Analysis of Waste Lands for Planning and sustainable Development: A case study of Dharwad District	Rs.70,000/- UGC New Delhi	Completed - 2007
Major	Environmental Consequences in the wake of Iron ore Mining in Bellary District, Karnataka: Using informatic Techniques	Rs.11,68,000/- UGC New Delhi	Completed - 2016

#### **2.Research Supervision:**

Name of the candidate	Title of the Ph,D Thesis	Year
Dr.K.M.Hombal	Spatio-Temporal Analysis of Environmental Impact of Iron Ore Mining: A Case Study of Bellary District, Karnataka	2016
Dr.M.M.Kurubar	Impact of Human Activities on Environment of Uttar Kannada District, Karnataka: A Geographical Study	2018
Dr.Basavaraj Jarkunte	Environment, Urbanization and the Growth of Urban Centres in Gadag District: A Spatial Analysis	2022
Dr.Prakash Hullur	Assessment of Socio-economic Dimensions of Rural Development Programmes in Gadag District:A Geographical Analysis	2023
Dr,Bheemappa Ajjodi	Assessment of Regional Disparities in North Karnataka: A Spatial Strategy for Planning and Sustainable Development	2023

### 3.Publications

#### A. Books:

1. Environmental Geography -Reference book
- 2.Principles of Regional Planning -Text book
- 3.Settltlenment Geography -Text book
- 4.Enviroenmental Studies and Human Rights -Text Book

#### B. Research Articles:

- Urbanization and Urban Environment – A Case Study of Hubli- Dharwad Cities”. *The Goa Geographers*, Vol. 2, No.2, 2004.
- Spatio – Temporal Analysis of Waste Lands for Planning and Sustainable Development – A Case Study of Dharwad District of Karnataka. *Karnatak University Journal of Science*, Vol. 47 , 2006-07.
- Spatial Pattern of Carrying Capacity of Land in Bellary District, Karnataka State. *The Deccan Geographers*, Vol. 48, No. 2 , 2009.
- Wind Power- An Environment Friendly Sustainable Energy – A Case Study of Kappatagud Range of Gadag District of Karnataka. *ANNALS of the National Association of Geographers* , Vol. XXVIII, No. 2 , Dec-2008.
- Orographic Influence on Rainfall Patterns in Belgaum Division in Karnataka. *Geographical Review of India*, Vol. 71, No.3, 2009.
- Identification of Regional Disparities in Levels of Development in Bellary District , Karnataka. *Indian Journal of Regional Science*, Vol. XXXXI, No.1, 2009.
- Stream Network, Characteristics and Watershed Development in Un-bifurcated Bijapur District, Karnataka. *Indian Journal of Regional Science*, Vol. XXXXII, No.2 , 2010.
- Regional Disparities in the levels of Socio- economic Status of women in Karnataka. *Transactions*, Vol. 32,No.2,Summer,2010.
- Gender Disparities in the Levels of Literacy Rate in Karnataka- A District Level Analysis. *Geographical Review of India*, Vol. 73, No.3, Sept-2011,pp-239-256, ISSN- No.6386.
- Anomalies in the Distribution Pattern of Rainfall in Dharwad District. *National Geographical Journal of India*, Vol. 57, Pt. 2, 2011.
- Identification of Food Security Regions in Karnataka, for sustainable development. *Transactions*, Journal of the Institute of Indian Geographers, Vol.34, No-2, 2012, ISSNNo.0970-9851.
- Impact of Female Literacy on age at marriage, fertility and size of family in Dharwad District, Karnataka. *Research Volume on Population and Resource*, Vol.II,2012. ISBN- No.B.978-81-910533-1-9.

- Regional Variation in the levels of Agricultural Productivity in Dharwad District, Karnataka. *Thematic Journal of Geography*, Vol. No.1 ,2012.
- Importance of Growth Centers for Regional development: A case study of Dharwad district, Karnataka. *Thematic Journal of Geography*, Vol. No.2 2013.
- Applications for Centrality, Identification and hierarchical order of Growth Centers for Regional Development: A case study of Belgaum Division, Karnataka. *Indian Journal of Regional Science*, Vol. 45, No-1, 2013, ISSN-No. 0046-9017.
- Hierarchical Orders and Spatial patterns of Growth Centers for Regional Development- A Case Study of Belgaum Division, Karnataka. *Regional Symbiosis*, Vol. 21, 2013.ISSN- No. 0972-2041.
- A Proposed new Methodology for Measuring the Poverty Status : A Micro Level Geographical Analysis of Five Selected Villages of Dharwad District, Karnataka. *National Geographical Journal of India*, Vol.59,pt2, June, 2013, ISSN-No. 0027-9374/2012/14811489.
- Significance of minimum Forest area to maintain the Ecological balance of a Region: A case study of Uttar Kannada District, Karnataka. *Thematic Journals of Geography*, Vol.2 ,Issue 4, Dec.2013,ISSN- No.2277-2995.
- Spatio- Temporal Analysis of Iron ore mining in Bellary District, Karnataka. *Thematic Journals of Geography*, Vol.2 , Issue 4, ISSN -No. 2277-2995.
- Change in Morphology and Environment of Hubli -Dharwad Twin cities: In the wake of urbanization. *International Journal of Advance Research*, Vol.2. Issue 07, ISSN- No.2320-5407.
- Gender Disparities in the levels of literacy in Uttar Kannada District, Karnataka. *Thematic Journal of Geography*, ISSN -No. 2277-2995.
- New measures of Poverty: A case study of five villages of Dharwad District, Karnataka. *Annals of the Association of Geographers, India*, Vol. XXXIV, No.2.
- Land Use and Land cover in Hubli-Dahrwad Twin cities : Using Geo-spatial techniques. *Indian Journal of Regional Science*, Vol. XXXXI, No.1, 2015.
- Patterns of Land Use and Land cover in Bellary district , Karnataka: Using Geo- spatial techniques. *Geographical Review of India*, Vol. 73 No.3, Sept-2014, ISSN –No. 6386.
- Spatial structure of road network and levels of settlement development : A case study of Shirahatti taluk, Gadag dist, Karnataka: A Quantitative Approach. *National Geographical Journal of India*, June,2015.ISSN - No.0027-9374/2012/1481-1489.
- Spatial Analysis of Soil Contamination by Iron ore Mining of Bellary – Sondur- Hospet Iron ore mining Region, Karnataka: A Quantitative

Approach. *Indian Streams Research Journal*, Vol.V.Issue V, June 2015.ISSN-No.2230-7850.

- A Micro-Level Study on Rural Sanitation in Dharwad Taluk, Karnataka. *The Deccan Geographers, Pune*.
- Spatial pattern of settlements of Primitive tribes in Haliyal taluk, Uttar Kannada district, Karnataka. *Regional Symbiosis*, Volume 21, 2013.
- Urban Centers of Gadag District viewed as Growth Generator: Their Occupational Pattern and Functional Nature. *Indian Streams Research Journal*, Vol. X,Nov.2015.ISSN-No.2230-7850.
- Environmental Impact of Iron Ore Mining in Bellary District, Karnataka: Using Geo - Spatial Techniques. *National Geographical Journal of India*,ISSN-No.0027-9374/ 2012/1481-1489.
- Environmental Impact Assessment of Iron Ore Mining operation in Bellary District, Karnataka: A Quantitative Approach. *Transactions, Journal of the Institute of Indian Geographers*. ISSN-No.0970-9851,2020
- Socio-economic Dimensions of Workers in the vicinity of Bellary-Hospeth – Sandur Iron Ore mining Region, Bellary District, Karnataka: A Spatial Empirical Study. *Geographical Review of India*, ISSN – No.6386.
- Agrarian distress and Farmers Suicide in Dharwad district, Karnataka. *The Deccan Geographers, Pune*,2016. ISSN-No. 0011-7269.
- Socio-economic status of Primitive tribes in Haliyal taluk, Uttar Kannada District, Karnataka :An empirical study. *Hill Geographer*,2015. ISSN- No. 0970-5023.
- Dimension of Population in Gadag District, Karnatak: A Geographical Analysis. *International Research Specialist*. ISSN -No.2350-0751.
- Environmental Impact of Iron Ore Mining in Bellary District, Karnatak : Using Geo- Spatial Techniques. *National Geographical Journal of India*. 2016. ISSN- No.0027- 9374.
- Spatial Patterns of Health Care Facilities in Bellary District: An empirical observation. *International Research Journal of Human Resources and Social Sciences*.2017. ISSN-No.2394-4218.
- Human Induced changes in Landscape of Uttar Kannada District, Karnataka. *Contemporary Research in India*. ISSN-No. 2231-2137.
- A Geographical study of Social Wellbeing: Health and Education Services in Dharwad District, Karnataka. *Studies in Indian Place Names*, Vol. 40, Issue.60, March 2020.
- Municipal Solid Generation, Process and Present Associate Problems in the Urban Centers of Gadag District , Karnataka. June Khyat, ISSN- No.2278-4632.

- Urban expansion and climate variability: a case study of Hubballi - Dharwad twin cities, Karnataka, India: an identifying trends. *The Deccan Geographers*, Pune.2016. ISSN No.0011-7269,2016.
- Spatial distribution and Regional Inequalities of Infrastructure Facilities: A case study of Gadag District, Karnataka, India. *Indian Journal of Spatial Science*. Issue,2021.12(2). 23 September 2021. ISSN-No. 2249 – 3921.
- Spatio- Temporal Analysis of Performance of MGNREGA Rural development Programme in Gadag District, Karnatak. *June Khyat*, Vol. 11. Issue 02 December, 2021. ISSN-No. 2278-4632.
- Regional Imbalance In the Level of Development in Bagalkot District, Karnataka: A spatial Analysis. *Research Review*, International Journal of Multidisciplinary, Vol.06. No.12, December, 2021. ISSN- No.2455-3085.
- Performance of Bhagyalaxmi Programme in Gadag District: A Spatio-Temporal Analysis. *International Journal of Recent Scientific Research*, Vol.13,Issue 04, April,2022. ISSN -No. 0976-3031.
- Identification of Regional Disparities in the Level of Agriculture and Allied Development in North Karnataka: A Spatial Analysis. *Research Review*, International Journal of Multidisciplinary, Vol.06.No.04, April,2022. ISSN-No. 2455-3085.
- Concentration of Settlement in Vijayapur District: Using Quadrant Techniques. *International Journal of Science and Research*, Vol.11,Issue,11, November,2022. ISSN-No.2319-7.
- Identification of Regional Disparities in North Karnataka: A spatio-Temporal analysis. *June Khyat Journal*, Volume 13, Issue. 1. No.1, Year 2023, Pages 7 21
- Economic base and Land use analysis of Rabkavi-Banhatti Urban Region. *Juni Khyat*, Volume 13, Issue-08, No.01, Year 2023, Pages 35-41
- Problems of Weaving Industry in Rabakavi-Banhatti Urban Region. *International Journal of Science and Research (IJSR)*, Volume 12 Issue.8, Year 2023, Pages 653-657.
- Spatial Distribution of Rural Settlements in Vijayapura District, Karnataka: A Quantitative analysis. *June Khyat Journal*, Volume 13, Issue-07, No.04, Year 2023, Pages 7-23.
- Identification of Food Regions in North Karnataka: A Spatial Study.*Madhya Bharti- Humanities and Social Sciences*.Vol.No.03,2024

