

CURRICULUM VITAE

Dr. Narayana Billava, (M.A. (Economics), M.Phil, Ph.D, KSET)

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Professional Summary: -

12+ years of experience in the social science research field. My strengths lie in my flexibility to adapt my skills to the specific institution and deliver maximum value to the organization in the key result areas.

Research Interest: Public Finance, Decentralization, Rural Development, Agriculture, Education, Water Supply, Sanitation and Environmental Economics

A. Personal/General Details:

Name in full : Dr. Narayana Billava

Designation : Assistant Professor

Date of Birth : 20-07-1981

Name of Father : Late. Nandayya Billava

Mailing Address : Centre for Multi-Disciplinary Development Research, D. R. Ambedkar Nagar,
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Permanent Address: Shree Siddivinayak Nelaya, Yelajith (Post&Village) Kundapur (Tq), Udupi (District),
Karnataka Pin Code : 576214

Marital Status : Married

Nationality : Indian

B. Educational Qualifications: -

S.No	Course/ Degree	Subject(s)	Class/ Grade	University/Board	Year of Passing
1	SSLC	Science, Maths, Social Science	Second Class	Secondary Education Examination Board, Government of Karnataka	1997
2	PUC	Economics, History, Political Science, Sociology	First Class	Pre-University Board, Government of Karnataka	1999
3	B.A	Economics, History, Kannada	First Class	Karnatak University, Dharwad	2002
4	M.A	Economics	First Class	Karnatak University, Dharwad	2004
5	M. Phil	Economics	Awarded	Karnatak University , Dharwad	2007
6	Ph. D	Economics	Awarded	Kannada University , Hampi, Karnataka	2013
7	KSET	Economics	Eligible for Lectureship	KSET Center, University of Mysore, Mysore	2016

Title of M.Phil Thesis: “Trends and Patterns of Public Expenditure on Education in India”, Research Guide: Prof. R.V. Dadibhavi , Karnatak University Dharwad

Title of Ph.D. Thesis: “Role of Grama Panchayat in Rural Water Supply and Sanitation: A Case Study of Dharwad District, Karnataka, Research Guide: Prof. Nayanatara Nayak, CMDR, Dharwad

Computer Proficiency: -

Diploma in Computer Application (DCA) with first class (Word; Excel (Vlookup, Macros, and Pivot Table); Access, Tally and Power-Point presentations) from MICE in 2002.

Statistical Packages: *SPSS, STAT, Kobotool box, QGIS, Google Form, AI and Research Analyzer*

C. Award/Fellowship:

- Completed Certificate course on “**Behavioral Research Investigators and Key Personnel - Basic Course (Human Subject)**” from **University of Massachusetts Amherst, USA, 2018.**
- Indian Council for Social Science Research (ICSSR) Fellowship for **Doctor of Philosophy in Economics** during 2007-2010.
- Two times received Rapid Recognition Award for best research analyst in Empower Research Knowledge services PVT. Ltd, Bangalore 2011.
- Merit Fellowship for **Master of Philosophy in Economics** sponsored by University Grant Commission (UGC), GoI, New Delhi during 2005-2006.
- Received International Billavar Association Scholarship for **Master Degree in Economics** during 2002-04.

D. Work Experience: -

Details of Employment Experience

Sl. No.	Name of Employer (College/University/Institute)	Post Held	Period of Employment	Nature of Duties
1	Centre for Multi-Disciplinary Development Research Institution, Dharwad (An ICSSR, Institute, New Delhi)	Assistant Professor/Research Assistant/ Project Coordinator	October 2010- till	Report writing, Research Work, and Conducting training programme
2	Empower Research Knowledge Service pvt Ltd	Sr. Research Associate (LV 2)	November 2007 to March 2008	Research Work, Data Analysis
3	Institute for Social and Economic Change, Bangalore (An ICSSR, Institute, New Delhi)	Research Assistant	August 2006- September 2007	Research Work
4	Centre for Multi-Disciplinary Development Research Institution, Dharwad	Research Assistant	Jan 2005-June 2006	Research Work
5	DG Shetty College, Dharwad	Lecture	June 2024- December 2004	Teaching

E. Research and Academic Contribution

a. Book : 1

Publication of the book “**Decentralised Governance and Planning in India: Its Impact on Economic Development and Social Justice**” by Concept Publishing, New Delhi [Prof. N.Sivanna, Dr.Narayan Billava, Prof. Nayanatara], 2022.

b. Research Papers and Articles in Journals -34

- Narayana Billava** (2025) *Decision Making Power and Community Participation of Past President of Gram Panchayats: Evidence from Dharwad District, Karnataka, Indian Journal of Social Studies, (Karnataka State Higher Education Academy, Dharwad), 2 (1): 59-77.*
- Narayana Billava**, Emily Kumpel, Nayanatara Nayak, and Karina Chavarria (2025) “Assessing Drinking Water Quality in Karnataka, India: A Comparative Study of Continuous and Intermittent Supply Systems” *CMDR Journal of Social Research, 2 (1): 7-18.*
- Pushkarni Panchamukhi, **Narayan Billava**, Nayanatara S. Nayak, Emily Kumpel, Ayse Ercumen, Zachary Burt (2025). Intermittent Versus Continuous (24 × 7) Water Supply System: Empirical Findings from Hubballi–Dharwad, Belagavi and Kalaburagi Cities in Karnataka, India” *Review of Development and Change (Sage Journal), 30 (2): 169-196, December 2025.*
- Billava N** and Priya Hegde (2025). Assessing the Impact of the Jal Jeevan Mission in Karnataka: Implementation and Community Insights, *Journal of Local Government Quarterly, Vol XCV (5): 01-12 April-June 2025.*
- Jyothi M, Nayak N.,, and **Billava N** (2025). Empowering women: The silver lining enabled by decentralisation, *Research Journal of Humanities and Social Sciences, 16 (2), April - June, 2025.*
- Billava N** and Hanagodimath S.V (2024) **The Financial Scenario of Gram Panchayats in North Karnataka: An Empirical Analysis**, *Aarthika Charche Journal, Fiscal Policy institute, GOK, Bengaluru, 9 (1): 110-123, Jan-June, 2024 (Special Issues).*
- Nayanatara Nayak and **Billava N** (2024), Damasha’ an Innovative Traditional Practice in Sharing Water from a Common Pool: A Case of Two Villages from Chikkaballapur District in Karnataka Bihar *Journal of Public Administration (UGC Care listed), Vol. XXI No. 2, July-Dec 2024).*
- Billava N**, Jai Prabhakar S.C., and Nayanatara S. Nayak (2024) Decentralised Governance: Perceptions of Depressed Class Gram Panchayat Members in Karnataka, *Journal of Rural Development (NIRDPR), Hyderabad.*
- Billava N** (2024), Political awareness and participation of women in marginalised communities: An empirical study from Karnataka, *Dynamics of Public Administration, 41(1):33-46.*
- Billava N** (2024) The Role of Gram Panchayats in Effective Implementation of Jal Jeevan Mission in Karnataka, *Social Vision Journal, 10 (3): 34-45.*
- Billava N**, Jai Prabhakar S.C., and Nayanatara S. Nayak (2024) **Empowerment through Reservation: Experiences of Scheduled Tribes Gram Panchayats Members in Karnataka**”, *Journal of Mahila Pratishtha, 9(4):11-20, April-June, 2024.*
- Billava N**, V.S. Katakati, Neelamma R K, and, Priya Hegde (2024), **Implementation of Jal Jeevan Mission (JJM) Scheme in Karnataka: Issues of Management and Sustainability**, *Local Government Quarterly, XCIV-2:45-58.*

- Kumpel E, **Billava N.** Nayak SN, Ercumen A (2022); Water use behaviors and water access in intermittent and continuous water supply areas during the COVID-19 pandemic, *Journal of Water and Health* 20 (1):139-148, Jan 2022.
- Billava N.** and Nayanatara Nayak (2022) Tracking Scale-Up of Continuous Water Services in Hubli-Dharwad, Karnataka: Discussion on Sustenance Issues *Global Journal of Human Social Science, USA* 22 (1): 48-55.
- Swati Kalaburgi, **Billava N.** and Rangappa Yaraddi (2022) Status of Community-Driven Water Conservation Schemes: A Case Study of Jalamruta Scheme in the Selected GPs of Dharwad, Karnataka, *Journal of Local Government Quarterly*, XCII (1): 50-57
- Billava N (2021):** Role of Gram Panchayats in Tackling COVID-19: A Case Study from Karnataka, *Journal of Rural Development (NIRDPR), Hyderabad*, 40 (1): 80-93
- Nayak N.,S **Billava N,** and Ashalata K.V(2020): Agriculture Insurance's Outreach Constrained by Procedural Delays and Norms: Reflections from North Karnataka, India, *Research on World Agriculture Economy*, 1 (1):39-49, December 2020.
- Billava N,** and Praksh Bhat (2020): Motivation of People to Participate in Rural Sanitation through Young Professionals (YPs): An Experimental Study, *Journal of Humanities and Social Science*, 11 (2):111-116, June 2020.
- Burt Z, Ercumen A, **Billava N,** Ray I (2018): From Intermittent to Continuous Service: Costs, Benefits, Equity and Sustainability of Water System Reforms in Hubli-Dharwad, India, *World Development*, Elsevier, Volume 109, September 2018, PP 121-133.
- Ray I, Burt Z, **Billava N,** Colford J, Ercumen A, Jayaramu KP, Nayak N.S., Nelson K, and Cleo (2017) : From intermittent to continuous water supply: A multi-dimensional evaluation of water system reforms from Hubli-Dharwad, Karnataka *Economic and Political Weekly (EPW)*, LVIII(49):48, Dec 2018.
- Billava N** (2018) A Step towards Achieving the Sustainable Development Goals: A Case of Rural Water Supply in Karnataka, *Journal of Humanities and Social Science*, 9(4):721-728, Dec 2018
- Sivanna, N, Nayak N.S., **Billava N.** Hunagund V.T (2017): Direct vs. Indirect Election to Gram Panchayat Presidents: Reflections and Implications, *Journal of Rural Development (NIRDPR)*, 36 (2): 255-268.
- Billava N.,** Kulkarni A.R, Revankar D.R (2016): Process and Level of Empowerment of Female ST & ST Gram Panchayat Members in Karnataka, *CMR University Journal*, Dec 2016.
- Billava N.,** Nayak N.S. (2016): Empowerment of Women Representatives in Panchayat Raj Institutions (PRIs): A Thematic Review, *Journal of Politics & Governance*, Vol 5, Issue No:4, Dec. 2016.
- Smitha Baskar, **Billava N.**(2016): Household energy consumption in India: A review, *International Journal of Multidisciplinary Research and Development*, Vol-3 Issue-9, July 2016.
- Travers, Mark J, Nayak Nayanatara Annigeri, Vinod B and **Billava N** (2015), Indoor air quality due to Secondhand smoke: Signals from Selected Hospitality Locations in Rural and Urban areas of Bangalore and Dharwad districts in Karnataka, India., *Indian Journal of Cancer*, 54(4) Oct-Dec-2015,
- Billava N.** Kulkarni A.R. (2014), Rural Sanitation and Millennium Development Goals: Targets, Achievements and Challenges, *International Journal of Multidisciplinary Research and Development*, 1 (2) : July 2014.
- Billava N.** Kulkarni A.R.(2015): Provision of Basic Sanitation in Rural Karnataka: Achievements and Challenge, *The Grassroots Governance Journal*, XIII (2):248-265, July-Dec 2015.

Billava N (2014), Empowerment of Scheduled Castes Women Members through Gram Panchayats in Karnataka: Issues and Challenges, Indian Journal of Dalit and Tribal Studies, 2:2, PP 1-17 July-Dec 2014.

Billava N. Kulkarni A.R. (2012), Status and Role of Gram Panchayats in Water Supply and Sanitation in Rural Area: An Empirical Study from Karnataka, International Journal in Multidisciplinary and Academic Research, 1 (4): Nov-Dec, 2012.

Billava N. Guttikar S (2013), Provision of Primary Health Care Services in Karnataka: District wise Analysis, Karnataka, Journal of Development and Social Change, VIII (3) : 40-49, April-June, 2012.

Billava N. and Nayak N.S (2012), Effect of Poor Water Supply and Sanitation on Households in Rural Karnataka: A Case Study of Dharwad District, Journal of Development and Social Change, VIII (1).

Billava N. and Nayak N.S (2012), Status of Water Supply and Sanitation in Dharwad, Southern Economist Golden Jubilee, 51 (1) 2012.

c. Chapters contributed in edited books-14

Billava N. and Sivanna N. (2023): Effective Gram Panchayat Development Plan through Baseline Survey at Gram Panchayat Level: A case of Mugad GP, Dharwad, in Decentralised Governance and Planning in India: Its Impact on Economic Development and Social Justice edited by Prof. N.Sivanna, Dr.Narayan Billava, and Nayanatara Nayak published by Concept Publishers, New Delhi-Jan 2023 ISBI : 978-93-55942081.

Billava N. and Sivanna N. (2023):, Decentralised Planning and Process in Karnataka –An Overview edited in Decentralised Governance and Planning in India: Its Impact on Economic Development and Social Justice edited by Prof. N.Sivanna, Dr.Narayan Billava, and Nayanatara Nayak published by Concept Publishers, New Delhi-Jan 2023 ISBI : 978-93-55942081.

Arunkumar Kulkarni and **Billava N.** (2021) Disparity in Rural Sanitation in Karnataka: Status and Challenges, edited by Vinod B. Annigeri, S.V. Hanagodimath, Arunkumar R. Kulkarni, R.S. Deshpande, *Federalism and Regionalism*, Published by Rawat Publications, Jaipur.

Billava N., and Kulkarni AR (2019) Participation in Democratic Decentralized Governance Through Gram Sabha: A case Study from Karnataka, in **Decentralized Governance and Planning in India Essays in honor of Prof Abdul Aziz** edited by Gayatri K, Sivanna N and Babu D. Published by Studium Press, New Delhi.

Nayak S., **Billava N.**, Arcumen A., Kumpe E., Nelson K., and Burt Z. (2018), Conversion from Intermittent to continuous water supply (24 x7) in Hubli-Dharwad twin cities Discourse on Governance and Sustenance Issues, Editor by Anita Arya, by Academic Foundation New Delhi.

Billava N and Kulkarni A (2018): Provision of Basic Sanitation in Rural Karnataka: **Achievements and challenges, in Basic Sanitation in Rural India: Road Map to Swachh Bharat**, Edited by Sunder Ram, Published by Shipra Publications, New Delhi.

Billava N. and Nayak N.S (2017), Impact of Poor Water Supply and Sanitation on Households in Rural Areas A Case Study from Karnataka, India in Flagship Programmes: Impact, Problems and Challenges Ahead, Edited by K.P.Kumaran, P.K Natha, Published by Academic Foundation New Delhi, 2017.

Nayak N.S and **Billava N.** (2017), Decentralisation and the Empowerment of Women and the Other Marginalised Groups: Anecdotes from the Review of Literature in Two Decades of Panchayat Raj in India: Experiences, Issues, Challenges and Opportunities, Editor by Sisidia Y and Gutham, M, Published by Rawat Publications.

- Billava N.** Nayak N.S. and Prasad S.C.S. (2016), Issues and Challenges for Open Defecation Free in Rural India: Recent Evidence from Karnataka, in Rural Sanitation in India: Achievements, Trends and Challenges, Editor by SivaRam, Ramesh, Gangi Reddy, Published by NIRD&PR,Hyderabad.
- Billava N.** (2015), The Status of Water Supply and Sanitation in Rural Karnataka: An Overview, in Sustainable Rural Development, Editor by Hucche Gowda, Published by Professional Book.
- Billava N.** and Revankar D.R. (2013), Empowering SC&ST Women Members of Grama Panchayat: Reflection from a Capacity Building Programme in Karnataka, in Gender Issues: Exploring New Dimensions, Editor by Amita Prasad, G.S Ganesh Prasad, N Narayana Sastry , Published by Administrative Training Institute, Mysore.
- Patil C.H. and **Billava N.** (2014), Watershed Development Projects and Improvement of Agriculture & Allied Activities, in Current Crisis in Indian Agriculture: Issues and Challenges, Editor by Talwar Sabanna, M.D Adi. D.N Patil, Hucche Gowda, Published by NABARD, Mumbai.
- Billava N.** and Guttikar S (2012), Provision of Primary Health Care Services in Karnataka: An Analysis, in Economic Paradigms of Health Care in India: Issues & Challenges, Editor by Vilas Kadrolkar, Published by Global Research Publications, New Delhi.
- Billava N.** and Revankar D.R. (2013), Empowerment of SC&ST Women Members through Capacity Building Programme: Experience of Kalaghatagi Taluk, Karnataka, in Women Empowerment during 21st Century in India, Editor by Hucche Gowda, Published by Himalaya Publishing house Mumbai.

c). News Paper Articles- 27

- ಗುಜರಾತ್, ಹರ್ಯಾಣ, ತಮಿಳುನಾಡಿನಲ್ಲಿ ಯಶಸ್ವಿಯಾಗಿರುವ ವ್ಯವಸ್ಥೆ ಗ್ರಾಮ ಪಂಚಾಯತ್ ಅಧ್ಯಕ್ಷರ ನೇರ ಆಯ್ಕೆ ಇಲ್ಲೇಕೆಲ್ಲ? *ಉದಯವಾಣಿ ದಿನಪತ್ರಿಕೆ* ಜನವರಿ 7, 2015 ಸಂಪಾದಕೀಯ ಪುಟ ಸಂಖ್ಯೆ 8
- ಪಂಚಾಯತ್ ವರದಿಗಳ ಚರ್ಚೆ, ಚಾರಿಗೇ ಉದಾಸೀನವೇಕೆ? *ಉದಯವಾಣಿ ದಿನಪತ್ರಿಕೆ* ಫೆಬ್ರುವರಿ 5, 2015 ಸಂಪಾದಕೀಯ ಪುಟ ಸಂಖ್ಯೆ 8
- ಪಂಚಾಯತ್ ಅಧ್ಯಕ್ಷರ ಅವಧಿ ವಿಸ್ತರಣೆ : ಇದೆಯೇ? ಸಾಧಕ-ಬಾಧಕಗಳ ವಿವರ - *ಕನ್ನಡಪ್ರಭ ದಿನಪತ್ರಿಕೆ* ಎಪ್ರಿಲ್ 4, 2015 ಸಂಪಾದಕೀಯ ಪುಟ ಸಂಖ್ಯೆ 7
- ವೇತನ ಹೆಚ್ಚಳ: ಸಮಾನತೆ ಇರಲಿ - *ಸಂಯುಕ್ತ ಕರ್ನಾಟಕ ದಿನಪತ್ರಿಕೆ* ಎಪ್ರಿಲ್ 13, 2015 ಸಂಪಾದಕೀಯ ಪುಟ ಸಂಖ್ಯೆ 6
- ಕಡ್ಡಾಯ ಮತದಾನ ಸಾಧುವೇ? ಅಧ್ಯಕ್ಷರ ಅಧಿಕಾರ 5 ವರ್ಷಕ್ಕೆ ವಿಸ್ತರಣೆ ಉಚಿತವೇ? ಪಂಚಾಯತ್ ಕಾಯ್ದೆ ತಿದ್ದುಪಡಿ ಲಾಭ-ನಷ್ಟ *ಉದಯವಾಣಿ ದಿನಪತ್ರಿಕೆ* ಎಪ್ರಿಲ್ 11, 2015 ಸಂಪಾದಕೀಯ ಪುಟ ಸಂಖ್ಯೆ 8.
- ಗಣರಾಜ್ಯೋತ್ಸವ: ಸಮಸ್ಯೆಗಳು ಮತ್ತು ಸವಾಲುಗಳು, ಸಂಯುಕ್ತ ಕರ್ನಾಟಕ ಪತ್ರಿಕೆ, ಜನವರಿ 25, 2016, ಪುಟ ಸಂಖ್ಯೆ 4.
- ನೀರಿನ ಮೂಲಗಳ ಸಮರ್ಪಕ ಬಳಕೆಯಲ್ಲಿ ಕರ್ನಾಟಕಕ್ಕೆ ರಾಜಸ್ಥಾನ ಮಾದರಿಯಾಗಲಿ! *ಉದಯವಾಣಿ ದಿನಪತ್ರಿಕೆ*, ಫೆಬ್ರುವರಿ 27, 2016 ಸಂಪಾದಕೀಯ ಪುಟ ಸಂಖ್ಯೆ 8.
- ಗ್ರಾಮೀಣ ಶುದ್ಧ ಕುಡಿಯುವ ನೀರಿನ ಘಟಕಗಳ ಅನುಕೂಲ, ಅನಿವಾರ್ಯತೆ, ಮತ್ತು ನಿರ್ವಹಣೆ, ಕನ್ನಡ ವಾಟರ್ ಪೋರ್ಟಲ್, ಬೆಂಗಳೂರು.
- ಗ್ರಾಮ ಪಂಚಾಯತ್‌ಗಳು ಎದುರಿಸುತ್ತಿರುವ ಸಮಸ್ಯೆಗಳು ಮತ್ತು ಪರಿಹಾರ, *ಉದಯವಾಣಿ ದಿನಪತ್ರಿಕೆ*, ಎಪ್ರಿಲ್ 26, 2017, ಸಂಪಾದಕೀಯ ಪುಟ ಸಂಖ್ಯೆ 8.
- ಪಂಚಾಯತ್ ರಾಜ್ ವ್ಯವಸ್ಥೆ ಮತ್ತು ಮಹಿಳಾ ಸಬಲೀಕರಣ: ಸಮಸ್ಯೆಗಳು ಮತ್ತು ಸವಾಲುಗಳು, ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಫೆಬ್ರುವರಿ, 2018.
- ಸಂಸದ ಆದರ್ಶ ಗ್ರಾಮ ಯೋಜನೆಯು ಇತರೆ ಗ್ರಾಮಗಳಿಗೆ ಮಾದರಿಯಾಗಬಲ್ಲದೇ?, **ಕರ್ನಾಟಕ** ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಮಾರ್ಚ್, 2018.
- ಬಯಲು ಬಹಿರ್ದೇಶ ಮುಕ್ತಗ್ರಾಮ ಮತ್ತು ಸ್ವಚ್ಛ ಭಾರತದ ಗುರಿ ಮುಟ್ಟಲು ಇರುವ ಅಡೆತಡೆಗಳು ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಎಪ್ರಿಲ್ 2018
- ಗ್ರಾಮೀಣ ನೀರು ಪೂರೈಕೆಯಲ್ಲಿ ಗ್ರಾಮ ಪಂಚಾಯತ್‌ಗಳ ಪಾತ್ರ ಮತ್ತು ಜವಾಬ್ದಾರಿಗಳು, ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಮೇ 2018

- ಕರ್ನಾಟಕ ಗ್ರಾಮ ಪಂಚಾಯತ್ ಕಾಯ್ದೆಯ ವಿಧೇಯಕಗಳು ಮತ್ತು ಗ್ರಾಮೀಣಾಭಿವೃದ್ಧಿ, ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಜುಲೈ 2018
- ಗ್ರಾಮ ಪಂಚಾಯತ್ ಅಧ್ಯಕ್ಷರಿಗೆ ನೇರ ಚುನಾವಣೆ ಕುರಿತು ಒಂದು ವಿಶ್ಲೇಷಣೆ, ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಸೆಪ್ಟೆಂಬರ್ 2018
- ಗ್ರಾಮ ಪಂಚಾಯತ್ ಅಭಿವೃದ್ಧಿಗೆ ಬೇಕು ಸಮಗ್ರ ಯೋಜನೆ ಮತ್ತು ಸಂಘಟಿತ ಪ್ರಯತ್ನ ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಅಕ್ಟೋಬರ್ 2018
- ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ರಾಜ್ ಅಧಿನಿಯಮ ಮತ್ತು ಗ್ರಾಮೀಣಾಭಿವೃದ್ಧಿ ಒಂದು ವಿಶ್ಲೇಷಣೆ, ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಡಿಸೆಂಬರ್ 2018
- ಗ್ರಾಮೀಣ ವಲಯಕ್ಕೆ ವಿಶೇಷ ಮುಂಗಡಪತ್ರ (ಬಜೆಟ್) ಅವಶ್ಯಕತೆ!, ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಫೆಬ್ರವರಿ 2019.
- ಧಾರವಾಡದ ಮುಗದ ಗ್ರಾಮ ಪಂಚಾಯತ್ ಮಾದರಿ ಕಾರ್ಯ ಚಟುವಟಿಕೆಗಳು, ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಏಪ್ರಿಲ್ 2019.
- ಜಲಕ್ಷಾಮದಿಂದ ನಲುಗಿ ಹೋದ ಕರಾವಳಿ ಭಾಗದ ಗ್ರಾಮೀಣ ಜನತೆ! ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಜುಲೈ 2019.
- ಪಂಚಾಯತ್ ಅಭಿವೃದ್ಧಿ ಅಧಿಕಾರಿಗಳ ಸಮಸ್ಯೆಗಳು ಮತ್ತು ಸವಾಲುಗಳು, ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಅಕ್ಟೋಬರ್ 2019.
- ಗ್ರಾಮ ಜಲ ಆಯವ್ಯಯದ ಅನಕೂಲಗಳು ಮತ್ತು ಸವಾಲುಗಳು, ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ನವೆಂಬರ್ 2019
- ಕರಾವಳಿ ಭಾಗದಲ್ಲಿ ಜನ-ಮನ ಸೂರೆಗೊಂಡ ಪಂಚಾಯತ್ ಪ್ರತಿನಿಧಿಗಳ ಹೊಳಪು ಕಾರ್ಯಕ್ರಮದ ವೈಶಿಷ್ಟ್ಯಗಳು ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ಪರಿಷತ್ ಮಾಸ ಪತ್ರಿಕೆ, ಬೆಂಗಳೂರು ಫೆಬ್ರವರಿ 2020.
- ಕರ್ನಾಟಕದಲ್ಲಿ ಪಂಚಾಯತ್ ರಾಜ್ ಸಂಸ್ಥೆಗಳು ಮತ್ತು ನಗರ ಸ್ಥಳೀಯ ಸಂಸ್ಥೆಗಳ ಸಶಕ್ತೀಕರಣ ಕುರಿತು ದುಂಡು ಮೇಜಿನ ಸಮ್ಮೇಳನ, ಗ್ರಾಮ ಸ್ವರಾಜ್ ಪತ್ರಿಕೆ, ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ರಾಜ್ ಪರಿಷತ್ ಬೆಂಗಳೂರು, ಡಿಸೆಂಬರ್ 2023.
- ಸ್ಥಳೀಯ ಮಟ್ಟದಲ್ಲಿ ವಿನೂತನ ಕಾರ್ಯಕ್ರಮವನ್ನು ಜಾರಿಗೊಳಿಸಿ ಕರ್ನಾಟಕದ ಇತರೆ ಪಂಚಾಯತ್‌ಗಳಿಗೆ ಮಾದರಿಯಾದ ಬೆಳ್ತಂಗಡಿಯ ತಾಲೂಕಿನ ಉಜಿರೆ ಗ್ರಾಮ ಪಂಚಾಯತ್, ಗ್ರಾಮ ಸ್ವರಾಜ್ ಪತ್ರಿಕೆ, ಕರ್ನಾಟಕ ಪಂಚಾಯತ್ ರಾಜ್ ಪರಿಷತ್ ಬೆಂಗಳೂರು, ಡಿಸೆಂಬರ್ 2023.
- ಡಾ ನಾರಾಯಣ ಬಿಲ್ವ (2025): ಸಮಗ್ರ ಗ್ರಾಮೀಣ ಅಭಿವೃದ್ಧಿಗೆ ಹೊಸ ದಿಕ್ಕು ಮತ್ತು ದಾರಿ, ಉದಯವಾಣಿ ಉತ್ತರ ಕರ್ನಾಟಕದ ವಿಶೇಷ ಸಂಚಿಕೆ (ಉತ್ತರ ಸಂಪದ), 15 ಆಗಸ್ಟ್, 2025 ಪುಟ ಸಂಖ್ಯೆ 82-84.
- Nayanatara, P., & Billava, N. (2023, January 23). *Twin cities' water crisis: Timely intervention by HDMP need of hour*. *Deccan Herald*, p. 3

d. Monographs / Working Papers/Discussion Papers -1

Rajasekhar D, Narayana **Billava** and Nayanatara S. Nayak (2017): Improving the Knowledge on the Functioning of Decentralized Governance: A Study of Gram Panchayat Past Presidents in Dharwad District, Karnataka, *CMDR Monograph No 86*.

F. Experience with Research Projects

a. Authorship/ Project Coordinator with Research Projects - #32

- **District Human Development Report-2025** of Uttara Kannada District, funded by Planning, Programme Monitoring and Statistics Department, and Zilla Panchayat, Uttara Kannada. by S.V Hanagodimath and **Narayana Billava**
- **Inclusive and Sustainable District Development Plan 2031** of Uttara Kannada District, funded by Planning, Programme Monitoring and Statistics Department, and Zilla Panchayat, Uttara Kannada. by Arunkumar Kulkarni and **Dr. Narayana Billava**.

- **Inclusive and Sustainable District Development Plan 2031** of Dharwad District, funded by Planning, Programme Monitoring and Statistics Department, and Zilla Panchayat, Dharwad. by **Narayana Billava** and S.V Hanagodimath.
- **Financial Devolution to the Panchayat Raj Institutions (PRIs) in Karnataka** Funded by 5th State Finance Commission, GoK, Bengaluru by S.V Hanagodimath and **Narayana Billava**
- **Boosting of Capital Formation through Self-Help Groups: A Microscopic Study from Dharwad, Karnataka**, Funded by **CMDR/GoK, Bengaluru, (2023-24)**, PI: Narayan Billava, D.R Revankar and Pratik Mali 2024-25
- **The Post-Term Experience in Panchayat Bodies: A Study of SC and ST Representatives of Grama Panchayats in Karnataka** Funded by **CMDR/GoK, Bengaluru, (2023-24)**, PI: Narayan Billava
- **Strengthening of Decentralised Planning in Karnataka: A Regional Analysis**, Funded by **CMDR/GoK, Bengaluru, (2023-24)** PI: Narayana Billava
- **Impact Assessment of Continuous Water Supply (24x7) in Ranebennur City, Karnataka** for the Project “JALASIRI”, sponsored by KUIDFC, Bengaluru, by **Narayan Billava** and Nayanatara S.Nayak
- **Quality Assurance and Sustainable Management of Urban Water Supply: A case study of Alnavar Town, Dharwad** Funded by GoK, Bengaluru, (2023-24), By **Narayana Billava**
- Impact evaluation of moving from IWS to CWS in the project cities of Hubballi-Dharwad, Belagavi, and Kalburgi sponsored by **Athena infonomics pvt ltd, Chennai (2023-24)** by **Narayana Billava and Nayanatara Nayak.**
- Assessment of **Jal Jeevan Mission (JJM) Activities in Rural Karnataka: Discourse on Management and Sustainability Issues**, Funded by GoK, Bengaluru, (2023-24), By **Narayana Billava**
- **Devolution and Performance Index report for Panchayat Raj Institutions of Karnataka** funded by **RDPR & PR, GOK , Bangalore (2020-2023)** by Prof. N.Sivanna, Dr. Narayana Billava and Dr. SV Hanagodimath.
- **Assessment of IEC/BCC Activities implemented under SBM Gramin in Karnataka**”, funded by Athena Infonomics, Chennai and Rural Drinking Water and Sanitation Department (RDW&SD) Karnataka (Oct 2020- March 2021).
- **Water access and handwashing during lockdown and effects on COVID-19**, sponsored by University of Massachusetts, Amherst. Project Coordinators: Emily Kumpel, Ayse Ercumen, Nayanatara S. Nayak, and Narayana Billava July 2020- June 2021.
- **Conversion from Intermittent to continuous water supply (24 x7) through Public-Private Partnership (PPP) -Investigating Governance and Sustenance Issues in Karnataka**, Sponsored by USAID, Washington D.C. Coordinators: Nayanatara S. Nayak, Narayana Billava Emily Kumpel, Ayse Ercumen and Zachary Burt (Feb 2020-Jan 2021).
- **Making of Model Gram Panchayats: Situation Analysis of Saansad Adarsh Gram Yojana (SAGY) in Karnataka**, , Sponsored by Government of Karnataka Project Coordinators: N.Sivanna, Prof. Nayanatara S. Nayak and Narayana Billava July 2018- April 2019.
- **Health impact of continuous vs. intermittent water supply in Hubballi-Dharwad, India** sponsored by University of Massachusetts, Amherst. Project Coordinators: Emily Kumpel, Ayse Ercumen, Nayanatara S. Nayak, and Narayana Billava March 2019- June 2020.
- **Incorporating Equity into the Sanitation Service Chain** funded by GIZ, Germany and Ecosan Services Foundation (ESF), Pune, Project Coordinators: Zachary Burt, Sharada Prasad, Narayana Billava, Nayanatara Nayak July 2018- February 2019..

- **Transforming in to people driven Gram Panchayat Action Intervention in Mugad Gram Panchayat (2016-2019)** Project Coordinators: Nayanatara S. Nayak, and Narayana Billava Jan 2016- Dec 2016.
- **Sustaining ODF and its Implications on Standard of Living in Karnataka**, Sponsored by Government of Karnataka Project Coordinators: A.R Kulkarni, and Narayana Billava July 2019- February 2020.
- **Political Inclusion and Participation of SC/ST and OBC Women Members in Local Government: A Study in Karnataka**, Sponsored by Government of Karnataka Project Coordinators: N.Sivanna and Narayana Billava July 2018- April 2019.
- **Demand for Agricultural Crop Insurance in Karnataka**, Sponsored by Karnataka Agricultural Price Commission (GOK), Project Coordinators: Nayanatara S. Nayak, and Narayana Billava Jan 2016- Dec 2017.
- **Transforming in to people driven Gram Panchayat (Action Intervention in Mugad GP)**, Sponsored by ANS Chair unit, CMDR, Dharwad.
- **Hiding behind the bushes? A nasty picture of India's Sanitation Problem Can new initiatives of the government and panchayats change the situation?**, Sponsored by ANS Chair unit, CMDR, Dharwad, Project Coordinators: Sharada Prasad , Nayanatara S. Nayak, and Narayana Billava, 2015- July 2016.
- **Fecal sludge and urine reuse in India survey** Sponsored by International Water Management Institute, Srilanka, Project Coordinators: Sharada Prasad , Nayanatara S. Nayak, and Narayana Billava, Sept 2015- Dec 2015.
- **Past Presidents of Gram Panchayats: Life After Relinquishing `Power** Sponsored by ANS Chair unit, CMDR, Dharwad, Project Coordinators . Rajashekar (ISEC), Nayanatara S. Nayak, and Narayana Billava June 2013 to Sept 2015.
- **Provision and Utilization of Rural Sanitation in Karnataka**, Sponsored by Indian Council of Social Science Research (ICSSR), New Delhi, Project Coordinators: Arun Kumar and Narayana Billava, Apl 2012 to Nov 2013.
- **Pros and Cons of Direct Election of President of Gram Panchayat**, Sponsored by Ministry of Rural Development, Government of Karnataka, Project Coordinators: Nayanatara S. Nayak, Narayana Billava and V.T Hungund, Apl 2012 to Nov 2013.
- **Impact of conversion from intermittent to continuous water supply in Hubli-Dharwad, India**, Sponsored by University of California, Berkeley, USA, Project Coordinators: Nayak S., Billava N., Arcumen A., Kumpe E., Nelson K., Ray I and Burt Z. Oct 2010 to Mar 2012.
- **Making Decentralization and Local Governance Work for the Rural Poor** Sponsored by International Food Policy and Research Institute Washington D.C. USA Project Coordinators: K.V Raju, Madhushree Sheker, Bettappa and Narayana Billava, Aug 2006- Sept 2007.
- District Human Development Report - Chapter on Water Supply and Sanitation Sector for Uttar Kannada and Koppal developed jointly with Prof Nayanatara Nayak.
- Options for Diversification from Tobacco Farming, Bidi Rolling and Tendu Leaf Plucking in India funded by IDRC, Canada for the period January 2012 to July 2013

G. Presented Research Paper in Workshops / Conference/ Seminar (National and International level)-52

a. International level Conference -8

- Household coping costs and adaptive management of intermittent water systems: A scoping review at the **2025 UNC Water & Health Water Conference**, Oct 27-31, 2025 at the University of North Carolina at Chapel Hill, USA (Verbal).
- *Tracking Scale-Up of Continuous Water Services in Hubli-Dharwad, India* at the **2019 UNC Water & Health Water Conference**, Oct 7-11, 2019 at the University of North Carolina at Chapel Hill, USA.
- Participated in the research forum on “Gender Equity and Sanitation” Organized by Energy and Resource Group, University of Berkeley, CA, USA.
- *Can India facilitate diversification from Tobacco dependent Employment? Findings from a study on Tobacco growers, Bidi Rollers and Tendu Leaf Pluckers'* at the **10th Asia Pacific Conference on Tobacco or Health** (APACT), August 18-21, 2013, Makuhari, Chiba, Japan.
- *Empowerment of Women in Gram Panchayat over Two Decades of 73rd Constitutional Amendment in India: A Thematic Review* in Two day International Seminar on “**Social Sector Development – Issues, Challenges, and Policy**” held at The Institute of Public Enterprise, Hyderabad on 27th and 28th November 2014.
- *Sanitation in Rural Karnataka: Status and Challenges* in Two day International Seminar on “**Social Sector Development – Issues, Challenges, and Policy**” held at The Institute of Public Enterprise, Hyderabad on 27th and 28th November, 2014.
- *Effect of poor water supply and sanitation in rural areas* in Two day International Seminar on “**Social Sector Development – Issues, Challenges, and Policy**” held at The Institute of Public Enterprise, Hyderabad on 27th and 28th November, 2014.
- *Political Empowerment of Women and the Marginalised in India: the Conduit of Decentralisation*, in the four days International Conference on **Marginalisation, poverty and decentralization** held at KILA, Thrissur Kerala on 19-22, November, 2016.

b. National level Conference/Seminar/Workshop -44

- Presented paper on “*Jal Jeevan Mission and the Governance of Rural Water Welfare: Policy Implementation and Challenges*” *Governance and Welfare Measures in India: Policies, Challenges, and the Way Forward*, held from 17th to 19th December 2025 at ISEC, Bengaluru.
- Delivered a lecture on “Report Writing and Data Collection” during the One-Day Workshop on Report Writing and Data Analysis for undergraduate students, held on 15 October 2025 at the Seminar Hall, Government First Grade College (GFGC), Beedi. The workshop was jointly organised by the Centre for Multi-disciplinary Development Research (CMDR), Dharwad, in collaboration with Government First Grade College, Beedi.

- Present a paper entitled “Challenges and Opportunities for Own Source of Revenues of PRIs in Karnataka”, on 12.06.2025 organized by Revenue Mobilisation Committee, Government of Karnataka held at IAS Officers association Bengaluru (jointly with Dr. S. V. Hanagodimath).
- Presented a research paper titled "Bridging Regional Disparities through Need-Based Transfers: An Analysis of PRI Funding in Karnataka" during the One-Day National Workshop on Pathways to Achieve Sustainable Development organized by the Centre for Economic Studies and Policy (CESP) of the Institute for Social and Economic Change held at ISEC Bengaluru, on 23rd May 2025 (jointly with Dr. S. V. Hanagodimath)
- Delivered lectures on Preparation of Questionnaire for conducted Devolution and Performance index for PRIs in Karnataka in the training programme for elected representatives and officials of Mudbol and Begur gram panchayats, Yadagiri, held at Jnana Vikasha Training Institute, Rayapura, Dharwad from 17th -18th June, 2025.
- Delivered lectures on Preparation of Questionnaire for conducted Devolution and Performance index for PRIs in Karnataka in the training programme for elected representatives and officials of Ukkinal, Shirwala, Madraki and Hoskeara gram panchayats, Shahapura taluk, Yadagiri district, held at the Shahapur Taluk Panchayat Meeting Hall, Yadgir, from 15th to 16th July 2025.
- Delivered lectures on Preparation of Questionnaire for conducted Devolution and Performance index for PRIs in Karnataka in the training programme for elected representatives and officials of Suguru and Narayanapura gram panchayats, of Shorapur Taluk, Yadgir District, held at the Taluka Training Centre, Shorapur Taluk Panchayat, Yadgir, from 16th to 17th July 2025.
- Delivered lectures on Preparation of Questionnaire for conducted Devolution and Performance index for PRIs in Karnataka in the training programme for elected representatives and officials of Kardkal, Bailkunte and Kolihal gram panchayats, of Shorapur Taluk, Yadgir District, held at the Taluka Training Centre, Shorapur Taluk Panchayat, Yadgir, from 17th to 18th July 2025.
- Delivered a talk on "Current Status of Water Supply in Mysore City: The Uncertainties in Enlivening the 24x7 Water Supply Scheme" in the International Water Association (IWA) Webinar on November 27, 2024.
- Participated in webinar on **Household coping costs of intermittent water systems: A scoping review** organized by Household Water Insecurity Experiences (HWISE) - Research Coordination Network (RCN), University of Miami (USA) on 11/12/2023.
- Participated in the Round Table Conference on Strengthening Panchayat Raj Institutions and Urban Local Bodies in Karnataka, Organised by Karnataka State Decentralised Planning and Development Committee and Karnataka State Rural Development and Panchayath Raj University Gadag on 26-27th September 2023 held at Gandhi Bhavan, Bangalore.
- Participated in a Project Discussion Meeting on “Financial Devolution to the PRIs in Karnataka”, held at the 5th State Finance Commission office, Khanija Bhavan, Bengaluru on 24th October 2024.
- Delivered a lecture on "**Deciding the Data to be Collected**" during the seven-day training programme on research methodology for Government First Grade College, held on July 24, 2024, at the Higher Education Academy, Dharwad.
- Delivered lecture on “**Tools for data collection with practice experience**” in the seven days training programme on research methodology for government first grade college held on 24.07.2024 at Higher Education Academy Dharwad.
- Delivered a lecture on “**Mastering Research Report Preparation through case studies**” during the Continuous Wholistic Training Programme (CWTP) (Basic-36&37)- for teachers of Political Science on 5/1/2024, held at Higher Education Academy, Dharwad.

- Delivered a lecture on **Research Design, Data Collection, and Report Writing** at state level workshop on Research Methodology for teachers and students of Udupi district, Organized by Government First-Grade College, Padukeri, Kota, Udupi on 22/3/2024.
- Tracking Scale-Up of Continuous Water Services in Hubli-Dharwad, Karnataka: Discussion on Urban Governance and Sustenance Issues, in the **39th Annual Conference of Centre for Urban Economic Studies (CUES)**, Organized by University of Calcutta, WB, on 7th February 2020.
- Micro Small and Medium Enterprises in India: Status and Challenges in the Two day National Seminar on **Micro Small and Medium Enterprises in India**, Organized by Department of Economics, Central University Kalburgi (CUK), on February, 10-11, 2020.
- Resource Person in one day Workshop on **Village Water Budget** conducted WALMI, Dharwad on 10th January 2019.
- Resource Person in the two-day Workshop on **Gram Panchayat Development Plan (GPDP)**, October 27-28, 2018 Organized by Central University Kalburgi (CUK).
- Co-chair for a technical session of the National Seminar on '**India's Agriculture: Growth, Distress and Policy Analysis**', held at Karnatak University Dharwad (KUD) on 10th March, 2019.
- Lecture on "**Poverty Development and National Social Security Schemes**" at the Capacity Building Programme for Panchayat Development Officers (PDOs), held at Jnana Vikasha Training Center Rayapur Conducted by SIRD, Regional Center Dharwad on 17th August 2018.
- Effective Village Planning through Baseline Survey in Gram Panchayat Level: A case of Mugad GP, Dharwad", in the Two Day National Seminar on **Decentralised Governance and Planning and its impact on Economic Development and Social Justice**, jointly organized by CMDR and Karnataka Panchayat Raj Parishath (KPRP), Bengaluru, held at CMDR Dharwad on 28-29th March, 2019.
- Crop Insurance Outreach Constrained by Procedural delays and Norms: Reflections from North Karnataka", for the National Seminar on '**India's Agriculture: Growth, Distress and Policy Analysis**', held at Karnatak University Dharwad (KUD) on 9th March, 2019.
- Motivation of People to Participate in Rural Sanitation through Young Professionals (YPs): An Experimental Study", presented in Two Day National Conference on "**Dynamics of Rural Development and Panchayat Raj Institutions**", held at Karnataka State Rural Development and Panchayat Raj University, Gadag, 13th-14th June 2018.
- Sustainable Development Goals and Rural Water Supply in Karnataka: Issues and Challenges, in 36th Annual Conference of Indian Association for Research in National Income and wealth on "**Decentralized Governance and Planning in India**", held at NIRD& PR, Hyderabad during 15-16th March, 2018.
- Participation in Democratic Decentralized Governance through Gram Sabha: A Case Study from Karnataka, in a day Seminar on "**Decentralised Governance and Planning in India**", held at National Law University, Bangalore on 2 December 2017.
- Participation of SC&ST Women Representatives in Gram Panchayats: A Case study from Karnataka" in the three days National Seminar on "**Gender Equality and Empowerment of Women and Girls**", which is held at NIRDPR, Hyderabad, from 27 Feb to 1st March, 2017.
- People's Participation in Democratic Decentralized Governance through Gram Sabha: A case study from Karnataka" in the two National Seminar on "**Participatory Decentralized Planning at the**

Grassroots: Problems, Challenges and Opportunities””, which is held at NIRDPR, Hyderabad, from 9 Feb to 10th Feb, 2017.

- Issues and Challenges for Open Defecation Free in Rural and Peri-urban Areas under SBM: Recent Evidence from Karnataka, in Three days national seminar on **“Rural Sanitation in India: Achievements, Trends and Challenges”** held at NIRD&PR, Rajendra Nagar, Hyderabad, Telangana State, on 27 - 29, January, 2016.
- Conversion from Intermittent to continuous water supply (24 x7) in Hubli-Dharwad twin cities: Discourse on Governance and Sustenance Issues” in Two Day National Seminar on **“Role of Public Policy in Development Process (Emerging Economic / Social Scenario in the Indian Economy)”** held at Sardar Patel Institute of Economic and Social Research (SPIESR), Ahmadabad on January 4-5 2016.
- Empowerment of Women Representatives in Panchayat Raj Institutions (PRIs): A Thematic Review” in the Four days **“39th session of Indian Social Science Congress (ISSC)**, held at Mangalore university on December 1-5 2015.
- Lecture on **Atrocity Act, Disability Act and Gender Budget”** at the Capacity Building Programme for Taluk Panchayat officers conducted by District Training institute (DTI), Dharwad During October 2015 **(Phase I II, III& IV)**.
- Role of Gram Panchayats in Rural Water Supply: An Empirical Study from Karnataka”, in three days National Level Workshop on **“Community based water management in Rajasthan: Forgotten glory or future hope”** held at Indira Gandhi Panchayati Raj & Gramin Vikas Sansthan (I.G.P.R. & G.V.S.), Jaipur on 24th & 26th August, 2015.
- Provision of Basic Sanitation in Rural Karnataka: Achievements and Challenges”, at the one day Round-Table Meeting on **'Basic Sanitation in Rural India: Future Vision and Road Map for Swachh Bharat'** held at Academy of Grassroots Studies and Research of India (AGRSRI) Tirupati (AP), on 20 August, 2015
- Decentralization and the Empowerment of Women and the Other Marginalised Groups: Anecdotes from the Review of Literature” in two day National Seminar **‘Two Decades of Panchayat Raj in India: Experiences, Issues, Challenges and Opportunities’** organized by MPISSR, Ujjain on January 15 - 16, 2015.
- Impact of Poor Water Supply and Sanitation on Households in Rural Areas: A Case Study from Karnataka, India” in Three days National Seminar on **“Flagship Programmes : Impact, Problems & Challenges ahead ”** held at NIRD&PR, Rajendra Nagar, Hyderabad, Telangana State, on 19 - 21, November, 2014.
- Watershed Development Projects and Improvement of Agriculture & Allied Activities: The Case Study of Sujala Watershed Project in Dharwad District, Karnataka”, for two day National level Conference on **“Current Crisis in Indian Agriculture: Issues and Challenges”** held at Department of Economics, Rani Channamma University, Belgaum, Karnataka, India on 30th & 31st October, 2014.
- Empowerment of Scheduled Castes Representatives through the Grama Panchayat: Issues and Challenges” in two day National Seminar on **“Dalit Issues: Strategies for Inclusive Growth and Development”** which is held at Department of Adult, Continuing Education and Extension, University of Pune, Puna, Maharashtra, India on 3rd & 4th January 2014.
- Governance and Sustenance Issues in Shifting from Intermittent to Continuous Water Supply” in a day Workshop on **“Evaluation of 24/7 Water Supply in Hubli-Dharwad”**, held at SDM College of

Engineering and Technology, Dharwad, Sponsored by University of California, Berkely, USA and CMDR Dharwad 22nd July 2013 (with Prof Nayanatara S. Nayak).

- Panchayats and Service Delivery: a case of Water Supply in Selected Gram Panchayats in Karnataka”, in three days National Seminar Seminar on “*Two Decades of Decentralization Experience in Southern States of India*” held at Department of Political Science, Gandhigram Rural University, Tamil Nadu , March 11-13, 2013.
- Status of Rural Water Supply and Sanitation among different Social Groups”, in National Seminar on “*Development of Scheduled Castes and Scheduled Tribes: Opportunities, Achievements and Challenges*”, held at National Institute of Rural Development (NIRD), Hyderabad, AP. On January 9-11, 2013.
- **Role of Gram Panchayats in Rural Water Supply and Sanitation: A case Study of Dharwad, Karnataka**”, in two day National Seminar, held at Nirmala College, Kerala during November 5-6, 2011.

H. Conducted Capacity Building Programme/Seminar/Conference-# 22

(Worked as a **Coordinator** for the following programmes)

- Two Day National Seminar on **Role of Gram Panchayats in Viksit Bharat: Achievements, Challenges, and Solutions** Sponsored by the GoK/CMDR Institute, held on the 20-21st November 2025 at CMDR Dharwad.
- Workshop on **24×7 Water Supply: Success, Challenges, Solutions, and Sustainability**” was organised by the **Centre for Multi-disciplinary Development Research (CMDR), Dharwad**, and held on **3rd December 2025** at the **CMDR Seminar Hall, Dharwad, Karnataka**.
- **One-day Orientation Programme on Research Methods and Modern Tools in Social Science Research held on 15, October, 2025** at Government First Grade College, Bidi, Khanapur Taluk, Belagavi
- Two Day **State Level Seminar on Panchayath Raj Institutions of Karnataka** Sponsored by the Indian Council of Social Science Research (ICSSR), New Delhi held on the 15-16th November 2022 at CMDR Dharwad.
- Capacity building programme for Political leaders (Members), Vajralli, GP Uttar Kannada and Mugad GP, Dharwad at CMDR, Dharwad from March 22-24, 2022.
- Awareness programme on “Ill Effects of Tobacco Consumption and its Control” organized jointly by CMDR and Gram Panchayat, Mugad, on 28, February 2020.
- Shri Abdul Nazir Sab Memorial Lecture on "Contribution of Shri Abdul Nazir Sab in Strengthening Panchayat Raj Institutions in Karnataka" by Prof Meenakshi Sundaram Ex-Principal Secretary, RDPR, GOK, Bangalore on 19 Dec 2019 held at CMDR, Dharwad.
- Skill Development Programme and Employment Opportunities for SC / ST youths in Mugad Village, Dharwad for the year 2018-19.
- Two Day National Seminar on **Decentralized Governance and Planning and its impact on Economic Development and Social Justice**, jointly organized by CMDR and Karnataka Panchayat Raj Parishath (KPRP), Bengaluru, held at CMDR Dharwad on 28-29th March, 2019.
- Round Table Discussion on Eleventh Schedule of the Constitution and its Implications for Economic Development and Social Justice on 9th March 2018.
- Shri Abdul Nazir Sab Memorial Lecture on "Contribution of Shri Abdul Nazir Sab in Strengthening Panchayat Raj Institutions in Karnataka" by Shri D.R Patil, on 19 Dec 2018 held at CMDR, Dharwad.

- Work shop on “Analyzing the Potential for the Use of Faecal Sludge as a Fertilizer” Sponsored by International Water Management Institute (IWMI) Srilanka held at CMDR, on 19th January 2017.
- Work shop on Demand for Agricultural Crop Insurance in selected districts (Haveri, Belgaum, Bijapur, Raichur and Gulbarga) of Karnataka during the year 2016-17.
- Capacity Building Programme for Zilla Panchayat Members, Dharwad at CMDR, Dharwad From August , 10-12, 2016.
- Capacity Building Programme for Members of Selected GPs (Aravatagi, Devarahuballi and Havagi), of Dharwad and Haliyal Taluks at CMDR, Dharwad From January, 18-20, 2016.
- Capacity Building Programme for representatives and Village Development Committee Members of Mansur GP, Dharwad Taluk at CMDR, Dharwad From December, 28-30 2015.
- Capacity building programme for Mugad and Yadwad gram panchayat members of Dharwad taluk at CMDR, Dharwad from November 4-6, 2015.
- Capacity building programme for SC&ST Gram Panchayat Members, Hubli Taluk, Dharwad District”, held at CMDR, Dharwad from Feb 23 to 27 Feb 2015.
- Capacity building programme for SC&ST Gram Panchayat Members, Kalghatgi Taluk, Dharwad District”, held at Taluka Panchayat Kalghatagi, was organized by CMDR, From March 18 to March 21st 2013.
- A Training Programme was conducted for Elected Representatives of Gram Panchayat, Shisvinahalli, Navalgund Taluk, and Dharwad District. organized by CMDR from 16th April to 18th April 2012.
- Capacity building programme for SC Gram Panchayat Members, Dharwad Taluk, Dharwad District”, held at CMDR, Dharwad, From Feb 8 to Feb 11th 2012 (1st Phase)
- Capacity building programme for SC Gram Panchayat Members, Dharwad Taluk, Dharwad District”, held at CMDR, Dharwad, From Feb 16 to Feb 18 2012 (IInd Phase)

I. Other Academic Activities - 6

- Reviewed a manuscript on “*Evaluating the Required Water Governance in the Face of Compounded Crises: An Indicator Assessment Approach for the City of Bukavu, Democratic Republic of Congo*”, for the Journal of Global Ecology and Environment, on 24-08-2025.
- Reviewed a manuscript on “**Factors Influencing Under-Education in Cameroon: A Comprehensive Analysis**”, for the *African Educational Research Journal*, on 9-8-2024.
- Reviewed paper on “Influence of an extended Domestic Drinking Water System on the Drinking Water Quality”, for the *Journal of Water, Sanitation and Hygiene for Development*, May 2018.
- Reviewed paper on “Sustainability-inspired composting latrine design”, for the Journal of Water, Sanitation and Hygiene for Development, June 2017.
- Reviewed paper on “Viability of Community Led Total Sanitation in Malawi”, for the Journal of Water, Sanitation and Hygiene for Development, September 2015.
- Reviewed paper on "Status of Safe Drinking Water In The Rural Areas of Cheyyar Health Unit District, Tamil Nadu, India”, for the Journal of Water, Sanitation and Hygiene for Development, **April 2014.**

J. Internship Programme (Worked as External Guide)- 22

1. **Mr. Ravi Gondakara**, MBA student at the School of Agribusiness Management, Mahatma Gandhi Rural Development and Panchayat Raj University, Gadag, on his research titled “*Bridging the*

- Credit Gap: A Comparative Assessment of Microfinance Beneficiaries and Non-Beneficiaries in the Agricultural Sector*” during the period from 4th August 2025 to 25th October 2025.
2. **Mr. Kashimsab Kurtkoti**, MBA student at the School of Agribusiness Management, Mahatma Gandhi Rural Development and Panchayat Raj University, Gadag, on his research titled “**Role of Farm Mechanization in Reducing Production Costs: A Study from Dharwad District**” during the period from 4th August 2025 to 25th October 2025.
 3. **Ms. Thriveni**, MBA Student, School of Agribusiness Management and Management of Karnataka State Rural Development and Panchayat Raj University, Gadag from 28th October 2024 to January 11 2025 on research issues “Grama Panchayat Development Planning in North Karnataka”.
 4. **Ms. Farheen U.** MBA Student, School of Agribusiness Management and Management of Karnataka State Rural Development and Panchayat Raj University, Gadag from 28th October 2024 to January 11 2025 on research issues “The Role of Digital Transformation in Enhancing Rural Development”.
 5. **Ms Lakshmi Bandi**, Bachelor of Arts (BA), Department of Rural Development, at Karnataka State Rural Development and Panchayat Raj University (KSRDPR University), from 28th December 2024 to January 2025 on the research issue “A study on Digital Library facilities to citizens by Gram Panchayats in Karnataka”.
 6. **Ms. Veena V Maraddi**, M.Com student, Karnataka State Rural Development and Panchayat Raj University, Gadag to complete her internship programme on institutional study report during November 2023 to December 2023.
 7. **Ms Tejashwini D Kabade**, M. Com student, Karnataka State Rural Development and Panchayat Raj University, Gadag to complete her internship programme on institutional study report during November 2023 to December 2023.
 8. **Ms. Swati Kalburhi**, MBA student, Karnataka State Rural Development and Panchayat Raj University, Gadag to complete her internship report on The Performance of Jalamrutha Scheme in Karnataka: A case study of Dharwad, during the year 2020-2021.
 9. **Ms Pooja Kanavi**, Karnataka State Rural Development and Panchayat Raj University, Gadag to complete her internship programme on institutional study report during October 2021 to November 2021.
 10. **Ms. Jyoti Balaraddi** Karnataka State Rural Development and Panchayat Raj University, Gadag to complete her internship programme on institutional study report during October 2021 to November 2021.
 11. **Mr. Santosh**, MA student (RD), Karnataka State Rural Development and Panchayat Raj University, Gadag, completed his internship report on the Assessment of clean water, sanitation, and Hygiene under the SDGs. A study was conducted in Dharwad taluk, during the year 2022-2023.
 12. **Mr Vasant Kumar**, MBA student, Karnataka State Rural Development and Panchayat Raj University, Gadag, completed his internship report on the Implementation of Jal Jeevan Mission (JJM) Scheme In Karnataka, during the year 2022-2023.
 13. **Mr. Vinay K**, M.Com, Student, Karnataka State Rural Development, and Panchayat Raj University, Gadag, completed his internship report on the institutional study, during the year 2022-2023.
 14. **Mr. Shiva Kali**, M.Com, Student, Karnataka State Rural Development, and Panchayat Raj University, Gadag, completed his internship report on the institutional study, during the year 2022-2023

15. **Ms Sahana Kallura**, MBA Student, Karnataka State Rural Development, and Panchayat Raj University, Gadag, completed her internship report on the institutional study, during the year 2022-2023
16. **Mr. Gireesh S Mevundi**, Karnataka State Rural Development and Panchayat Raj University, Gadag completed his project work on “Solid Waste Management In Rural Area: A Discussion on Opportunities and Challenges.” March, 2020 to August 2020.
17. **Mr. Gireesh S Mevundi**, Karnataka State Rural Development and Panchayat Raj University, Gadag completed his internship report on Role of Organization in Rural Development: A case study of CMDR, Dharwad, during the year 2019-2020.
18. **Mr. Deniel**, Master Student of WASH, Imperial College London, UK to complete his internship course on Marketing for Faecal Sludge Management in India”, from 8-6-2019 to 1-7-2019.
19. **Ms Rajeshwari**, MSW Student, Gulbarga Central University (CUK) to complete Internship course on “Participation in Village Development”. Collected information on beneficiaries of social security schemes and tried to create awareness about social security schemes and other programmes in Mugad village from 16/05/2017 to 15/06/2017.
20. **Mr. Fhakerappa**, MSW Student, Gulbarga Central University (CUK) to complete Internship course on “Participation in Village Development”. Collected information on beneficiaries of social security schemes and tried to create awareness about social security schemes and other programmes in Mugad village from 16/05/2017 to 15/06/2017.
21. **Ms. Deepa** MSW Student, Gulbarga Central University (CUK) to complete Internship course on “Participation in Village Development”. Collected information on beneficiaries of social security schemes and tried to create awareness about social security schemes and other programmes in Mugad village from 16/05/2017 to 15/06/2017.
22. **Mr. Rafik Arakeri** MSW Student, Gulbarga Central University (CUK) to complete Internship course on “Participation in Village Development”. Collected information on beneficiaries of social security schemes and tried to create awareness about social security schemes and other programmes in Mugad village from 16/05/2017 to 15/06/2017.

K. Other activities -15

- Conducted awareness programme on participatory approaches in village cleaning in Mugad village, by CMDR and Mugad GP Dharwad from December 2018-Jan 2019.
- Model Anganawadi Toilet is being constructed in Mugad village through people’s participation and supply of materials by CMDR in 2018.
- Awareness programme on “*Open Defecation Free village*” in Mugad, conducted by CMDR, MSW Students of Gulbarga Central University and Mugad GP Dharwad, May 16-20, 2017.
- Tree Plantation Programme alongside Mugad Lake, by CMDR, Oswal Green Foundation and Mugad GP, Dharwad on 8th October 2017.
- Facilitated to participation of Mugad President and Gumgol Panchayat PDO in two day National Seminar on “25 Years of Panchayati Raj Institutions Reforms in India: Experiments, Experiences and Challenges” held at AGRASRI, Tirupati, AP, 19-20 August, 2017.

- Study tour organized for Mugad Gram Panchayat Members to understand and learn the process of development activities in the model villages (Ralegan Siddi and Hiware Bazar), Ahmednagar District, Maharashtra, 2-5 April 2017.
- Participated in “Awareness on Drinking Water, Swachh Gram’ and Shramadana at Mugad Village, Organized by NSS unit Kittel Arts College Dharwad, CMDR, and Mugad GP, 15-21 March 2017.
- Conducted Programme on “Swachh Gram Abhiyan” at Mugad Village, Organized by CMDR, Mugad GP and Kittel Arts College Dharwad on 19th February 2017.
- Attended Special Gram Sabha on “Pradhan Mantri Fasal Bima Yojana (PMFBY), conducted by Mugad GP, Dharwad on 11th Dec 2016.
- Conducted awareness programme on “Drinking Water Facility, Water Tax Collection and Sanitation” in Mugad village, by CMDR and Mugad GP Dharwad, October 2016 (Phase II).
- Conducted AGI HABBA (Vanamahotsava) held at Mugad village of Dharwad taluk, by CMDR, Scope and Mugad GP, Dharwad on 18th July 2016.
- Attended AGI HABBA Programme (Vanamahotsava) held at Halligeri village of Dharwad taluk, conducted by SCOPE NGO, Dharwad on 26th July 2016.
- Participated in the awareness campaign programme about drinking water and sanitation in Mugad village, conducted by Diksha NGO Dharwad on 9th January, 2016.
- Conducted pre intervention meeting with Self Help Groups and Youth Associations in Mugad Village on 22nd January, 2016.
- Participated in a Grama Sabha held at Mummigatti Gram Panchayat, Dharwad Taluk Dharwad on 7th August 2015.
- Participated in satellite programme and Training Programme for President and Vice-Presidents of GPs held at Taluk Samrtya Soudha, Dharwad conducted by SIRD, Mysore.

L. Professional Affiliations

- **Member**, International Water Association, New Delhi India.
- **Member Board of Studies** for the B.A & MA Honors in Rural Development and Governance at Karnataka State Rural Development and Panchayat Raj University, Gadag.
- **Editorial Board Members** Gram Swaraj Magazine, Karnataka Panchayat Raj Parishat, Bengaluru.
- **Life Time Member**, Indian Economic Association (IEA), Bihar, from December 2023
- **Life Time Member**, Academy of Grassroots Studies and Research of India (AGRSRI) Tirupati (AP).
- **Life Time Member**, Indian Association for Research in National Income and Wealth, New Delhi, India.
- **Reviewer.** *Journal of Water, Sanitation and Hygiene for Development, London UK.*
- **Life Time Member**, Kannada Sahitya Parishat, Government of Karnataka, Bangalore
- **Chief Editor** Billava Smaranike, Hubbli-Dharwad Billava Association ®, Hubli.
- **Life Time Member**, India Higher Education Research Network (IHERN), [IHERN](#)
- **Chief Editor**, Shatasichenana Smarana Sanchike, Govt. Higher Primary School, Yelajith, Udupi, District, 2025.

M. Reference:

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Prof. Madhushree Sekhar, Tata Institute for Social Science (TISS), Mumbai, India , Mobile No 09969747051 email id: madhusekher@gmail.com,

Prof. Isha Ray, Energy and Resource Group, 310 Barrows Hall, University of Berkeley | CA 94720, USA. Phone No +1 (510) 642-1640, isharay@berkeley.edu.

Declaration and Signed by the Candidate

I hereby declare that the information given by me in the curriculum vitae is true, complete and correct to the best of my knowledge. If at any time, I am found to have concealed/distorted any information or given any false statement, my application shall liable to be summarily rejected without notice or compensation.

Place: Dharwad

Date: 25-12-2025



(Narayana Billava)
Assistant Professor (ANS Chair)
CMDR, Dharwad