RESUME



Personal Details

Name: Nayanatara Subrao Nayak

Date of Birth: 17-07-1964

Sex: Female

Educational Qualification: -M.A. (Eco.), M.Phil.: Karnatak University Dharwad,

India

Ph.D.: Mangalore University, Mangalore, India

Topic: "Burden of Alcoholism: A Socio Economic

Analysis" [2006]

Work Profile

Present Employment & Designation:

Professor Centre for Multi Disciplinary Development Research (CMDR), Dharwad

Experience:

A. Teaching: Three Years

B. Research: Twenty two years

- * Lecturer in Economics in Kittel Arts College, Dharwad and Divekar College of Commerce, Karwar[1989-1991]
 - * Research Assistant, CMDR, Dharwad [1991-1994]
 - * Assistant Professor, CMRD, Dharwad [1994-2005]
 - * Associate Professor, CMDR, Dharwad [2005-2011]
 - * In-charge Director, CMDR, Dharwad [2009-2012]
 - * Professor, CMDR, Dharwad [2011-till date]

Current Duty Profile

- Research[Development of Proposal, empirical/analytical research, action research, publication of research output]
- Training/special lectures
- Organising stakeholder meetings/seminars/Workshops
- Research Guidance

Guidance for Ph.D.

Awarded -1 Submitted-1

Awards/ Scholarships

- Karnataka State Government Merit Scholarship for school education [1975-1980]
- Academic scholarship for college education (for out-standing performance in sports and for representing Karnataka State in National Sports Meets] [1980-1982]
- ICSSR Doctoral Fellowship for the period 2003-2005
- Ratan Tata Fellowship for undertaking research study executed through Institute for Social and Economic Change, Bangalore [2005-06]
- South Asian Network for Environmental Economics (SANDEE), Nepal-Research Grant [2009-2010]
- Short Term Visiting Scholar for Global Tobacco Control Leadership Programme at the Institute for Global Tobacco Control (IGTC), Bloomberg School of Public Health at the Johns Hopkins University, Baltimore, USA [July 2011]

Total Number of Projects: 26

[carried out individually/ jointly with other members of research team]

[Sponsored by Govt. of India and Govt. of Karnataka, ICSSR New Delhi, Ford Foundation USA, IDRC/RITC Canada, WHO, World Bank, CDC USA, UNDP, NIDI, IDPAD, American Cancer Society, SANDEE, CFTK Washington, and European Union]

Areas of Interest: Health Economics, Decentralisation, Environmental Issues including water resources, Rural Development, Tobacco and Alcohol related Issues

Publications: [42]

Trivia: 1. CMDR Monographs	: 6
2. Journal Articles	: 9
3. Articles in Books	: 4
4. Chapters in Reports	: 4
5. Reports	: 5
6. Articles in Magazines	: 4
7. Conference volumes	: 5
8. Books	: 1
9. Reports/books	: 3
10. Book Review	: 1

Membership: Life member of Indian Economic Association, Karnataka Economic Society, SAHAYOGA (NGO) Bangalore, Akshaya Trust (NGO), Dharwad, Indian Health Economics and Policy Association (IHEPA), New Delhi

Recognition: 1. Recognised by Kannada University, Hampi and Mangalore University, Mangalore to guide students for the award of Ph.D.

2. Nominated as Member 'Technical Committee on Alternative Farming', constituted by MOHFW, Govt. of India

Research Projects

Projects completed:

(carried out individually/jointly with other members of research team)

- Health Service Development in the Federal Financial Framework (1991-94), Ford Foundation, USA [Research Assistant]
- Concurrent Evaluation of IRDP (V- Round)-1995-96, Govt. of India [Independent Researcher]

- Resource cost of Morbidity and Under Nutrition (1994-97), IDRC, Canada [Team Member]
- Environmental Impact Assessment of Markandeya Reservoir Project (1997-98), Govt. of Karnataka [Research Assistant]
- Economics of Shifting from Tobacco (1998 –2001), IDRC, Canada [Team Member]
- Concurrent Evaluation of MWS (Million Wells Scheme) in Goa (1999-00), Govt. of India [Independent Researcher]
- Concurrent Evaluation of IAY (Indira Awaas Yojana) in Karnataka and Goa (1999-2000), Govt. of India [Independent Researcher]
- Concurrent Evaluation of MWS (Million Wells Scheme) in India (2000-01), Govt. of India [Independent Researcher]
- Economic Reforms & Health Sector In India (2000-03), UNDP & Govt. of India
 [Team Member]
- State of Environment Report-Karnataka (2002-2003) DEEF, Govt of Karnataka & World Bank [Team Member]
- Subsidy for Tobacco Growers in India (2002-03), WHO [Team Member]
- Karnataka State Development Report-2004 [Report on Nutrition in Karnataka]
 [Published in 2007] funded by Planning Commission, Government of India [Team Member]
- Report on "Economic History of Tobacco" and "Fiscal Measures for Tobacco Control" jointly with Prof. P.R.Panchamukhi for the Study on Collaborative Approaches for Tobacco Control in India [2004-05], Sponsored by MOHFW, GOI and CDC, USA. [Joint Report]
- Economics of Bidi Tobacco in India- Report for the Bidi Monograph jointly with Prof. P.R.Panchamukhi [2005] initiated by WHO and Healis Shekhsaria Institute of Public Health, Mumbai [Joint Report]
- Invariant Dependency on Common Property Resources at Different Stages of Development-[2003-2006] IDPAD/ICSSR (Govt. of India) project [Team Member]
- Documenting the Community Response to Water Resource Management: Unbridling the Legal, Institutional, Social and Economic Hurdle- Project initiated in January, 2005 [2005-06] IDPAD/ICSSR (Govt. of India) project [Team Member]

- Natural Resources and Sustainable Development: A Review of Research in the Indian Context [2005] Jointly with Dr. A.R.Kulakarni- ICSSR (Govt. of India) project [Joint Report]
- Participatory Approach in Water Resource Management: Role of Water User Groups in Irrigation Project Area [2005-06]-Sponsored by ISEC, Bangalore and Sir Ratan Tata Trust [Independent Researcher]
- Developing Health Accounts for Selected Indian States-Maharashtra, Karnataka and Orissa [2005-07] –Sponsored by European Commission [Team Member]
- Prevention of Second-hand Smoke: Efficacy of the Cigarette and Other Tobacco Products Act, 2003: Case Studies of two Public Transport Organizations in Karnataka (India)-Ongoing project sponsored by the American Cancer Society
 [2006-07] [Team Member]
- Karnataka Regional Development Boards- An Evaluation Report –[2008] [Team Member]
- Economics of Tobacco Chapter for "An NGO Manual, for HRIDAY, New Delhi
 [2008] [Joint Report]
- "Alternatives to Fuel wood use in Tobacco Curing in India The Economic Feasibilities" [Funded by SANDEE, Nepal [2008-2010] [Independent Researcher]
- "Air Quality Monitoring for indoor Environmental Tobacco Smoke Signals from selected hotels, restaurants and bars in Bangalore and Dharwad districts in Karnataka" [Funded by CKTFK, Washington D.C., USA [2009-2010] [Team Member]
- * "Substituting Flue Cured Virginia (cigarette) Tobacco: Economic Viability and Challenges -Empirical Evidence from FCV tobacco growing region in India" sponsored by ICSSR, New Delhi- 2010-11 [Independent Researcher]
- "Pros & Cons of Direct Elections to Gram Panchayat President" jointly with Prof P.R.Panchamukhi, Narayan Bhillava, D.R.Revankar, Arun Kulkarni, VT Hungund (all from CMDR), Prof Shivanna, ISEC, Bengaluru & Researchers from 5 selected States. The study is funded by Department of Rural Development and Panchayati Raj, Govt. of Karnataka [June September, 2012] [Team Member]
- "Impact of conversion from intermittent to continuous water supply in Hubli-Dharwad, India" in collaboration with the Department of Civil and Environmental Engineering, University of California, Berkeley, USA and carried out by the UCB students under the supervision of CMDR, Dharwad during October 2010 to December 2012 [with Prof Kara Nelson, Emily Kumpel, Ayse Ercumen, Zachary Burt and Narayan Bhillava as Co-investigators] [Team Member]

Current research work

- "Options for Diversification from Tobacco Farming, Bidi Rolling and Tendu Leaf
 Plucking in India" in collaboration with researchers from different States in India and
 CMDR team consisting of Sabar Bhubneshwar, D.R.Revankar and Narayan Bhillava.
 The study is funded by IDRC, Canada for the period January 2012 to July 2013.
 [Project Leader]
- * Assignment on "development of best practices for crop diversification and alternative livelihood for bidi rollers" funded by Ministry of Health and Family Welfare and WHO [August-September, 2012] [Joint Report]
- * "District Human Development Report" [Chapter on Water Supply and Sanitation Sector for Uttar Kannada and Koppal to be developed jointly with Dr. Narayan Billava]
- * Past Presidents of Grama Panchayats: Life After Relinquishing `Power' a study initiated under Abdul Nazir Sab Panchayat Raj Chair under the leadership of Prof. D. Rajashekar, (Visiting Professor, ANS Chair, CMDR) ISEC, Bangalore



Books

Common Property Water Resources- Dependence and Institutions in India's Villages' Published by TERI Press, New Delhi, June 2008 [Jointly with Dr. Arabind Mishra, Pranab M. and Rucha Ghate]

Articles

In Books

- Paper on "Regulating Child Labour: An Alternate to Abolishment in India" in Indian Economy, Health and Development, Himalaya Publishing House, Mumbai (2005).
- Joint Paper with Prof. P.R.Panchmukhi "Health Security for the Poor: Health Insurance Through Health Care Co-operative", in Securing Health for All-Dimensions and Challenges, Institute for Human Development, New Delhi. (2006).

- Paper on "Burden of Alcoholism: Experiences in Karnataka" translation in Kannada published in Suvarna Karnataka Samaj mattu Samskruti, Sahitya Prakashana, Hubli. (2006).
- Natural Resources and Sustainable Development: A Thematic Review (Article jointly with Dr. A.R.Kulkarni published in Sustainable Development –Vol-I by Serial Publications New Delhi) [2007]

In Journals

- "Budget and Employment Opportunities" *Indian Fiscal Journal*, July-September, **1998**.
- "Community Managed Drinking Water in Rajasthan" in *Social Action*, Vol.58, No. 2, **April-June 2008**
- "Burden of Diseases: A Micro Level analysis for Selected Districts of Karnataka" Jointly with Dr. V.B. Annigeri in *Social Change*, Vol. 18, No. 2, **June 2008**
- "Secondhand smoke in public places: Can Bangalore metropolitan transport corporation be a role model for effective implementation of cigarette and other tobacco products Act, 2003", *Indian Journal of Cancer, Vol 47, Issue 2, April-June 2010:* p.93-236, ISSN 0019-509X. [jointly with Annigeri V.B., Revankar DR, Kenchaigol S].
- "Targeted Approach vs. Liberated and Chaotic Farmers Participation in Water Resource Management: Lessons from Irrigation Management Transfer (IMT) in Karnataka" *Economics, Management, and Financial Markets* Vol. 5(4), 2010, pp. 176–193, ISSN 1842-3191
- "Empirical Evidence on Determinants and Extents of Alcoholism" jointly with Prasanna Kumar Barik and D.R.Myageri in *Indian Economic Journal* Vol. 58 No. 3, **October -December, 2010.** pp. 102-116.
- "Action Intervention to Provide Health Care Services to the Rural Poor in India" in *International Journal of Cross-Cultural Studies*. 3-15 Vol 1, No 1: 3-15 2011 V. B.Annigeri, N. S. Nayak, A.R. Kulkarni and D. R. Revankar
- Effects of Poor Water Supply and Sanitation on Households in Rural Karnataka: A Case Study of Dharwad District" in "Journal of Development and Social Change", Vol:VII, No:05, October-December 2011. ISSN:2231-0991 Narayana Billava, Guttikar S. and Nayanatara Nayak

• "Status of water supply and sanitation in Dharwad District" in Southern Economist, Vol. 51, No 1:95-99, May 2012 -Narayana Billava and Nayanatara Nayak

Book Review

"India Micro, Small and Medium Enterprises Report 2008" *Indian Economic Journal*, Vol. 57, No.2, **July- September**, **2009** pp.167-69.

In Conference Volumes

- Estimation of Medical Manpower in Dharwad District -An Approach- IEA Compendium on Karnataka Economy, **1998**.
- Joint Paper with Prof. P.R.Panchamukhi: "Water related Ethical Issues in Agriculture: A Case of Karnataka" submitted to National Seminar on Institutional Policy Options for Sustainable Agricultural Development- Organised by Osmania University, Hyderabad- published as part of Conference Volume, **2004.**
- Paper on "Futility of Legal Instruments in Preventing Environmental Pollution: A Case of Karnataka" submitted in National Seminar on Bye- Laws for Environmentally Friendly Projects, Organised by AICTE, New Delhi and KHK Engineering Institute, Dharwad, published in Conference volume [2004].
- Paper on "Targeted Approach vs. Liberated and Chaotic Farmers Participation in Water Resource Management: Lessons from Irrigation Management Transfer (IMT) in Karnataka" paper presented in IDPAD End Symposium organised by CESS and ISS (Netherlands) at Hyderabad during November 1-3, 2006 (published in Conference Volume).
- Joint paper with Dr. V. B. Annigeri: "Burden of diseases a micro level analysis for selected districts of Karnataka" published in IEA Conference Volume –I (held at Kurukshetra, Harayana) 2006.

Chapters in Reports

A. CMDR

• Chapters on "Economic History of Tobacco" and "Fiscal Measures for Tobacco Control", written jointly with Prof. P.R.Panchamukhi for the Tobacco Control report published by MOHFW, Govt. of India, **2004.**

• Paper on "Economics of Tobacco" jointly with Prof. P.R.Panchamukhi. in Effective Strategies for Tobacco Control Advocacy- Section 2 [A Hand Book for NGO Personnel] HRIDAY, New Delhi. **2010**. pp:18-27.

B. International Collaborative project/report

- Contributed for a Chapter (II) on "Water Resources"- published in State Environment Report –Karnataka, **2003** [Sponsored by World Bank], Department of Forest, Ecology and Environment, Govt. of Karnataka.
- Chapter on Economics of Bidi (Jointly with Prof. P.R.Panchamukhi and Trevor A. Woollery, CDC, USA Edited volume by Byword International [published by WHO & Ministry of Health and Family Welfare, GOI. 2008]*[available at mohfw.nic.in, www.who.org]

Reports

- Annotated Bibliography of Health Economics- CMDR Report, 1995.
- Integrated Rural Development Programme (IRDP)-Draft Report submitted to Zilla Panchayat Dharwad. Incorporated in "Integrated Approach to Dharwad District Plan", **1998-99.**
- Peoples' Participation in Health: Prepayment Mechanism through Health Care Co-operative (**Jointly** with Prof. P.R.Panchamukhi). Published by IIPA, New Delhi; CMDR, Dharwad and UNDP, New Delhi. **2006 as report**].
- Economic Reforms and Health Sector in India with Special Reference to Orissa, Karnataka and Maharashtra- Reflections from NSS 28th, 42nd and 52nd Rounds. Published by IIPA, New Delhi; CMDR, Dharwad and UNDP, New Delhi. **2006** as report].
- Economic Reforms and Drug Policy: A Micro Level Analysis, (Jointly with Prof. G.K.Kadekodi and Arvind Badiger) Published by IIPA, New Delhi; CMDR, Dharwad and UNDP, New Delhi. **2006 as report].**

In Magazines

- 1. "Burden of Alcoholism in Karnataka" in *India Insight*, Weekly, Bangalore Edition Vol. 1 (17) **October 2008** pp. 32-33.
- **2.** "Taxing Tobacco Products in India: An Overview" jointly with Prof. P.R.Panchamukhi in *Tobacco Kills* Vol. 1, No.2, **December 2008.**

- **3.** "Economics of Tobacco Control" in *Health for Millions*, Vol. 35, No 1, **March 2009.**
- **4.** "Anti smoking law cries for attention" Jointly with Dr. G. Karanth in *India Insight*, Vol 1, No 25, **March 2009**

Monographs

- Morbidity and Under-Nutrition -- Two Pilot Studies, CMDR Monograph, No.9, 1995.
- Tobacco: National & International Perspectives, CMDR Monograph No.33
- Peoples' Participation in Health: Prepayment Mechanism through Health Care Co-operative, CMDR Monograph No.36, 2002, (Joint paper with Prof. P.R.Panchamukhi) & [Joint publication of IIPA, New Delhi; CMDR, Dharwad and UNDP, New Delhi. 2006 as report].
- Economic Reforms and Health Sector in India with Special Reference to Orissa, Karnataka and Maharashtra- Reflections from NSS 28th, 42nd and 52nd Rounds, CMDR Monograph-No 40 & [Joint publication of IIPA, New Delhi; CMDR, Dharwad and UNDP, New Delhi. **2006 as report].**
- Economic Reforms and Drug Policy: A Micro Level Analysis, CMDR Monograph-No 44: (Joint Paper with Prof. G.K.Kadekodi and Arvind Badiger) also [Joint publication of IIPA, New Delhi; CMDR, Dharwad and UNDP, New Delhi. 2006 as a report].
- Economic Feasibility of Alternative biomass energy sources to fuel wood curing of Virginia Tobacco: An Accounting Exercise for a tobacco growing region in India. CMDR Monograph-No 66 [March 2012]
- Nayak Nayanatara "Tobacco Curing and Fuel Efficiency" SANDEE (South Asian Network for Development and Environmental Economics), Nepal Working Paper No. 77, 2013

National and International Seminars/ Conferences/Workshops/Visits

National

- 1. Participating member in the Inter Ministerial & Expert Committee Meeting on FCTC organized by MOHFW, Government of India, New Delhi [February 22, 2000]
- 2. "Collaborative Approaches for Tobacco Control in India" organized by MOHFW, GOI and CDC, USA at New Delhi, India [3-5th June 2004]
- 3. National Seminar organized by Institute of Engineers, **Dharwad** on "By-Laws for Implementation of Environmental Friendly Projects" sponsored by AICTE, New Delhi [17.7.2004]
- **4**. Paper on "Community management of Irrigation" presented at the IDPAD End Symposium on "India's Development Even or Uneven? at **Hyderabad [November 1-3, 2006]**
- **5. Resource person** in the 1st Core Group Meeting on "Recommendations for Alcohol Control Policy for India" by IAPA at **New Delhi [30.7.07]**
- **6.** Invited by CNN/IBN media team to address farmers and participate in a documentary on "Environment and People" pictured on Krishna Basin **-23rd April, 2008** [Telecast -6th June, 2008] at **Savadatti, Belgaum district**
- **7.** National Advocacy Workshop organised by WHO, Public Health Foundation of India and Ministry of Health and Family Welfare, Government of India Invited as Resource person to address central and state government officials from Customs, Police, Health, Education, Agriculture and Labour Departments on the issue of "Alternative Vocation to Tobacco Growers in India" **-9-10th September, 2008 at New Delhi**
- **8.** Addressed media on "Economics of Bidi Industry" at Media Seminar organised by Voluntary Health Association of India at **Hyderabad [29th April, 2008]**
- **9.** Addressed media on "Economics of Bidi Industry" at Bidi Monograph Workshop organised by Healis Shekhsaria Institute of Public Health, **Mumbai [21**st **May, 2008]**
- 10. Addressed media on "Economics of Bidi Industry" at Media Seminar organised by Voluntary Health Association of India at Chinnaswamy Stadium, **Bangalore** [June, 2008]
- **11.** Lecture on "Alternative Crops-Vocation to Tobacco Growers" at Regional Advocacy Workshop organized by NOTE at Arossim village, *Goa* [1-2nd August, 2008]

- **12**. Lecture on "Alternative Crops-Vocation to Tobacco Growers" at the National Advocacy Workshop organized by MOHFW, Govt. of India at India Habitat Centre, **New Delhi [9th-10th September 2008]**
- **13.** Resource person for the workshop on "Exploring options for sustainable water management in Malaprabha river basin" organized by CISED (ISEC] **Bangalore** at VITS Hotel Belgaum [5th **November 2008**]
- **14.** Participation in a workshop on Effective implementation of FCTC organised by WCOHT at hotel Vincent **Mumbai** [8th **March**, **2009**]
- **15**. Participated as member in the Second Meeting of Working Group on Alternative Farming to Tobacco organised by MOHFW at **New Delhi** [23rd **July 2009**]
- 16. Presentation on "Success & Challenges of Alternative Cropping to Tobacco: Experience Sharing" at Constitution Club, **New Delhi** [organised by VHAI, New Delhi] **April 21, 2010**
- 17. Presentation on "Indoor air Quality" at the Workshop on "Tobacco Free Air" organized by CMDR in association with Institute of Public Health in **Bengaluru** on 23-10-2010.
- **18.** Participation in a workshop on "Indian Cigarette and Other Tobacco Products Act, 2003" organised by District Health Office Dharwad, HRIDAY, New Delhi and Vivekananda Youth Movement, Mysore at Sahitya Bhavan, Dharwad on **6th September 2011.**
- **19. Invited lecture** on "Research in Social Science –Relevance and Challenges" at Academic Staff College, Karnataka University, Dharwad on **2nd December**, **2011**
- **20. Resource person** in a workshop on methodological issues related to a "Study on Alternative cropping for Tobacco" organised by Public Health Foundation of India, New Delhi at Hyderabad on **7**th, **January**, **2012**.
- **21.** Participation in Working Group Meeting and Workshop on "Promoting Multi-Stakeholder Efforts towards shaping Evidence informed Alcohol Policy in India and Sweden" organised by PHFI, New Delhi on **20**th **and 21**st **February, 2012.**
- **22.** "Tobacco Curing and Fuel Efficiency" <u>Seminar</u> presented at CMDR Seminar Series, Dharwad on **25th July**, **2012.**
- **23. Invited lecture on** "Sampling methods for social science research" SJVS Women's college, Dharwad **August 7, 2012.**

- **24.** "Coping with Drought" <u>Chaired</u> session in the Workshop on Current Drought Scenario in Karnataka and Policy Options, Dept. of Economics, Karnatak University, **August 18, 2012**
- **25. Lecture on** "Sampling and Survey Instruments" RMC, CMDR, Dharwad, **September 6, 2012.**
- **26.** Presentation on "Alternative vocations to tobacco growers" in a Workshop on National Consultation on Economics of Tobacco at New Delhi organised by WHO country office for India **20-21 December**, **2012**
- 27. "Preliminary Observations on Socio-economic Profile of Bidi Rollers vis-a-vis non Bidi Rollers in India" **Project findings** presented at IDRC Project Workshop organised by CMDR at Hotel VITS, Mumbai 28th May, 2013.
- **28.** Lecture on "Health effects of Tobacco Consumption" delivered on the eve of World No Tobacco Day Celebrations organised by Bharat Petroleum Corporation Limited, at Belur Industrial Area, Dharwad, **May 31, 2013.**

International

- **1.** Presentation at the International seminar on "Economics of Shifting from tobacco"—Sponsored by IDRC, Canada. Organised by CMDR, **Dharwad [October 1997]**
- 2. Visit to WHO, **Geneva**, **Switzerland** to present Health Account Methodology and Results for selected Indian States [19.11.06-30.11.06]
- **3.** Discussant for the workshop on "Health Care Management" organized by Groningen University, Netherlands and PRC at JSS college, **Dharwad –July 2007**
- **4.** Workshop on "Research Policy" organized by IUCN/SANDEE, Nepal at **Bangladesh** [5.9.2007-11.9.2007]
- **5.** Research and Training Workshop at **Bangkok**, **Thailand** (to present research proposal) [8-1.2008-11.1.2008]
- 6. Climate Science and Policy Workshop at Bangkok, Thailand [12-13th January, 2008]
- 7. Research and Training Workshop at **Kathmandu**, **Nepal** organized by SANDEE project [9-13 December, 2008]

- **8**. Paper on "Subsidies to Tobacco Growers" presented at the 14th Global Conference on Tobacco or Health Conference held at **Mumbai** {jointly with Dr. V.B. Annigeri) [March 10th 2009]
- **9.** Paper on "Prevention of Second hand Smoke: Efficacy of the Cigarette and Other Tobacco Products Act, 2003-Case Studies of three Public Transport Organizations in Karnataka (India)" presented at the 14th Global Conference on Tobacco or Health *organized by Salam Mumbai. Healis and Govt. of India held at Mumbai {jointly with Dr. V.B. Annigeri)* [March 11th 2009]
- **10**. Speaker for the Plenary on Alternatives to Tobacco Farming at the 14th Global Conference on Tobacco or Health Conference held at **Mumbai** [11th March, 2009]
- 11. Project paper on "Alternative Energy Sources for Curing Tobacco" presented at SANDEE Research & Training workshop at Colombo, Sri Lanka [28th June-4th July 2009]
- **12.** Participation in a workshop "Taxation of tobacco products" organised by PHFI, New Delhi and CFTFK, Washington at **New Delhi -July 5-6, 2010**
- **13**. Paper and poster presentation on "Air Quality Monitoring for indoor Environmental Tobacco Smoke-Signals from Selected Hospitality Locations in Bangalore and Dharwad districts in Karnataka, India" at the Asia Pacific Conference on Tobacco or Health (APACT) held in **Sydney, Australia** during **October 6-9, 2010**.
- **14**. Presented a paper on "Common Property Water Resources: Dependence and Institutions in India's Villages" at the SANDEE@ 10 International Conference on Environment and Development in South Asia at **Kathmandu**, **Nepal** [6-7, **December**, 2010].
- **15.** Participation in a "Workshop Alternative Livelihoods to Tobacco" organized by IDRC, Canada at **Ottawa**, **Canada** from **June 6-11**, **2011**
- **16.** Participated as short term visiting scholar in "Global Tobacco Control Leadership Programme" organized by Bloomberg School of Public Health at **Johns Hopkins University, Baltimore, USA** from **July 9-23, 2011.**
- 17. Participation in a "Workshop on Alcohol Taxation and Multi-sectoral Policy Interventions to counter the harms associated with alcohol consumption" organized jointly by the Public Health Foundation of India (PHFI) & HRIDAY in association with the Swedish National Institute for Public Health (SNIPH) and the Karolinska Institutet Stockholm, Sweden supported by the Swedish Council for Working Life and Social Research (FAS) in New Delhi, India, April 22-24, 2013.

- **18. Presented paper** jointly with Dr. Narayan Billava on "Conversion from Intermittent to continuous water supply in Hubli-Dharwad twin cities: Discourse on Governance and Sustenance Issues" at the Workshop on "Evaluation of 24 x 7 Water Supply in Hubli-Dharwad City: Stakeholders' Perceptions, Water Quality, Health, and Affordability" Organised by SDM College of Engineering in Association with Centre for Multi Disciplinary Development Research (CMDR), Dharwad and University of California, Berkeley, USA on **22nd July, 2013**.
- **19. Presented paper on "**Can India facilitate diversification from Tobacco dependent employment? Findings from a study on Tobacco growers, Bidi Rollers and Tendu Leaf Pluckers" presented by Nayanatara S. Nayak (in absence), Narayan Billava and D. R. Revankar (in person) at the **10**th Asia Pacific Conference on Tobacco or Health (APACT), **August 18-21, 2013**, Makuhari, Japan.
- **20. Speaker on** "'Strategies for Promoting Alternative Livelihood" at the International Conference on Public Health Priorities in the 21st Century: The Endgame For Tobacco organised by Ministry of Health & Family Welfare, Govt. of India, HRIDAY, PHFI and WHO on **September 9, 2013**, New Delhi.

Training Programmes

- Course in dBase III PLUS, Wordstar, Lotus 123 [1994]
- ICSSR Research Methodology Course in Social Science Research organised by CMDR, Dharwad [May 26th –June 13th, 1995]
- Training on "Medicinal plants" organized by the National Medicinal Plants Board, GOI and University of Agricultural Sciences [17-18. 2.2005]
- Training programme for Evaluators of CAPART (Govt. of India) projects, organised by CAPART at Mangalore [28.12.2006]
- United Nations Environment Programme (UNEP) on "Introductory course on Environmental Economics" at AIT, Bangkok, Thailand [30.4.07 to 19.5.07]
- Workshop on "Research Policy and Proposal Writing" organized by International Union for Conservation of Natural Resources (IUCN), Nepal at Dhaka, Bangladesh [5.9.2007-11.9.2007]
- IBS workshop on Measurement in Management [using SPSS] at Hyderabad [24-26th February, 2008]

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Professor

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