

B. NARASIMHA MURTHY, Ph.D.,  
Flat 'E', Shri Madhava Flats,  
Door No. 61,  
Abid Colony,  
Alandur Road, Saidapet,  
CHENNAI - 600 015

### PERSONAL INFORMATION

Contact : Dr. & Mrs.B.Narasimhamurthy,  
No.61 (new no.15), Abid colony,  
Alandur road, Saidapet,  
Chennai-600015, INDIA.  
Phone: 91- 44- 23813430

Country of Citizenship : India

Social Security Number : Not applicable

Home Phone Number : 91-44-23813430

Work Phone Number : 91-44-28362308  
91-44-28361642

Fax Number : 91-44-28360663

E-mail address : contact\_murthybn@yahoo.co.in

### EDUCATION

<b>Years Attended</b>	<b>Name of the Institution, location</b>	<b>Degree/ Diploma/ Certificate received</b>	<b>Subjects</b>
5/80-11/85	Bombay University, Bombay, India.	Ph.D.	Statistical Demography
8/73-6/76	Andhra University, Visakhapatnam, India.	M.Sc.	Statistics
6/70-6/73	Andhra University, Visakhapatnam, India	B.Sc.	Mathematics and Physics
6/69-6/70	Andhra University, Visakhapatnam, India.	PUC	Mathematics, Physics & Chemistry
6/68-6/69	RCM St. John's High School, AP Board of Higher Secondary Education, India.	SSLC	Telugu, English, Maths, Science & Social studies

### PROFESSIONAL TRAINING

---

### WORK / VOLUNTEER EXPERIENCE

Dates Employed from to	Job title, Employer's / Supervisor's name and address	Duties and accomplishments	Reasons for leaving, if any
8/98-present	Deputy Director, Institute for Research in Medical Statistics (IRMS) & National Institute of Epidemiology (ICMR), Chetpet, Chennai – 600 031 91-44—8265308 (Director) can be contacted	<p>Evaluation of LOAS for Leprosy Elimination Monitoring (LEM) in a district in Tamilnadu</p> <p>Estimation of prevalence of Type II diabetes among people aged above 20 years in Chennai City.</p> <p>Implications of 'Missed prevalent' And 'Missed incident' cases in the Estimation of vaccine efficacy in Controlled prophylactic trials.</p> <p>Measuring agreement between two observers: An efficient approach of combining existing methods.</p> <p>Prepared teaching material including curriculum for the training in Biostatistics to undergraduates and postgraduates of medicine.</p> <p>Implications of genetic traits on vaccine efficacy.</p> <p>Estimation of cure, relapse and success rates of short-course chemotherapy in the treatment of pulmonary tuberculosis: A Meta-analysis.</p> <p>Consultancy and Collaboration on Meta-analysis on the estimation of prevalence of epilepsy</p> <p>Teaching and training to doctors and in-service statisticians</p>	Continuing

Dates employed from to	Job title, Employer's / Supervisor's name and address	Duties and Accomplishments	Reasons for leaving, if any
8/93-8/98	Assistant Director, IRMS (ICMR), Chetpet,	With the grant from UNICEF, data collection was made on maternal and child health care, school	

	Chennai –31 91-44—8265308 (Director) can be contacted	enrolment & diarrhoea among children below 5 years.  For evaluating Universal Immunization Programme in Tamilnadu, data was collected in five districts.  Evaluation of Lot Quality Assurance Sampling (LQAS) Technique for monitoring Immunization coverages in Madras City.  Teaching and Training to doctors and in-service statisticians.	
8/87-8/93	Senior Research Officer IRMS (ICMR), Chetput, Chennai – 3191-44—8265308(Director) can be contacted	To undertake research projects relevant to the Institute's activities Teaching & training to doctors and in-service statisticians	Promotion
7/85-8/87	Senior Research Officer, Cytology Research Centre of ICMR, Maulana Azad Medical College Campus, New Delhi – 110 00291-11-3221596(Officer-in-Charge) can be contacted (i) Co-ordinator for ICMR Task Force	(i) Co-ordinator for ICMR Task Force Project (ii) to conduct project review committee meetings (iii) to make field visits (iv) measures during data collection	Temporary
5/80-3/82	Research Officer, UNFPA Project International Institute for Population Sciences, (IIPS), Bombay91-22-5563255 (Director) can be contacted	(i) to supervise data collection in a selected district in Rajasthan, India. (ii) to work as a liaison Officer between IIPS and the field team (iii) undertake analysis and report writing Temporary	Temporary

### HONORS/AWARDS/ACTIVITIES

Date/Year	Type
1969-1973	Cash Awards and Endowment Prizes for securing high marks and stood college second at the undergraduate level, Maha Rajah's College, Vizianagram, Andhra Pradesh, India.
1973-1976	Awarded with National Merit Scholarship by Govt. of India.
1980	Gold Medal for securing I rank in Diploma in Population Sciences, IIPS, Bombay.
1995	I am presented with Prof. R.N. Srivastava Award (gold medal & a citation) for the best presentation of the paper entitled "Lot Quality Assurance Sampling (LQAS) for monitoring immunization programme" at the XIII Annual Conference of ISMS held in Chennai during November, 1995.

**REFERENCES**

- Relationship: 1. Dr. M.D. Gupte,  
Director,  
National Institute of Epidemiology,  
Mayor V.R. Ramanathan Road,  
Chetput, Chennai - 600 031.  
Phone Number : 826 5308  
Fax: 91-44-8264963  
E-mail: [nieicmr@vsnl.com](mailto:nieicmr@vsnl.com)
- Relationship: 2. Dr. S. Radhakrishna,  
Ex-Director, Institute for  
Research in Medical Statistics  
Present address: D-201, High Rise Apartments,  
Lower Tank Bund Road,  
Gandhi Nagar, Hyderabad - 500 080.  
Phone No. 91-450-7537732  
E-mail : [radkrsna@hotmail.com](mailto:radkrsna@hotmail.com)
- Relationship: 3. Dr. K. Srinivasan,  
My guide  
Present address: Executive Director,  
Population Foundation of India,  
B-28, Outab Institutional Area,  
New Delhi - 110 016.  
Phone Nos. 6856805, 6867080-81  
Fax: 91-11-6852766  
E-mail: [popfound@del2.vsnl.net.in](mailto:popfound@del2.vsnl.net.in)
- Relationship: 4. Prof. K. Ramachandran  
Advisor  
Retired Professor  
Present address: 12, Bakthavatsalam Salai  
Mylapore,  
Chennai – 600 004  
Phone: 91-44-4996725
- Relationship: 5. Dr. P.R. Narayanan  
Director of the neighbouring Institute  
Present address: Director  
Tuberculosis Research Center (ICMR),  
Mayor V.R. Ramanathan Road,  
Chetpet, Chennai – 600 031, INDIA.  
Phone: 91-044-8265403  
Fax: 91-044-8262137  
E-mail: [prnarayanan@vsnl.com](mailto:prnarayanan@vsnl.com)

## LIST OF PUBLICATIONS

1. Srinivasan, K and **Murthy, B.N.** (1983) "Modernisation and Morbidity - Findings from recent Sample Surveys". *Dynamics of Population and Family Welfare, 1983*, Himalaya Publishing House, Bombay.
2. Tara Kanitkar and **Murthy, B.N.** (1983): "Factors Associated with Contraception in Bihar and Rajasthan - Findings from recent Sample Surveys". *Dynamics of Population and Family Welfare, 1983*, Himalaya Publishing House, Bombay.
3. Sathe, Y.S. and **Murthy, B.N.** (1987): "Multiple classification Analysis" *Recent Advances in the Techniques for Demographic Analysis* D.K. Publishers Distributors (P) Ltd., 1, Ansari Road, New Delhi - 110 002.
4. Tara Kanitkar and **Murthy, B.N.** (1988): "Factors Associated with infant mortality in Rajasthan and Orissa" *Infant Mortality in India*, SAGE Publications India Pvt. Ltd., Post Box 4215, New Delhi - 110 048.
5. Confidence Intervals in Medical Research. Radhakrishna, S., **Murthy, B.N.**, Nair, N.G.K., Jayabal, P., and Jayasri, R. *Indian Journal of Medical Research (B)*, **96**, June 1992, 199-205.
6. Estimation of immunization coverages in children by WHO 30-cluster survey. **Murthy, B.N.**, Radhakrishna, S., Nair, N.G.K., Ezhil, R. & Venkatasubramanian, S. *Indian Journal of Medical Research (A)*, **97**, November 1993, 234-236.
7. A concurrent comparison of a WHO-recommended 30-cluster survey and a modified version of it under Indian conditions in the estimation of immunization coverages. Radhakrishna, S., **Murthy, B.N.**, Nair, N.G.K. et al. *Indian Paediatrics*, **32**, March 1995, 383-390.

8. A comparison of a 30-cluster survey method used in India and a Purposive method in the estimation of immunization coverages in Tamil Nadu. **Murthy, B.N.**, Ezhil, R. et al. *Indian Paediatrics*, **32**, January 1995, 129-135.
9. Monitoring trends in HIV positivity in Tuberculosis patients. **Murthy, B.N.**, and Radhakrishna, S. *Indian Journal of Tuberculosis*, **41**, 1994, 253-257.
10. Lot Quality Assurance Sampling for Monitoring Immunization Programmes. **Murthy, B.N.**, Radhakrishna, S., Venkatasubramanian, S., Periannan, V., Lakshmi, A., Vasna Joshua and Sudha, R. *Indian Paediatrics*, **36**, 1999, 555-559.
11. Lot Quality Assurance Sampling for Monitoring National Leprosy Eradication Programme. Gupte, M.D. & **Murthy, B.N.** *International Journal of Leprosy*, Vol. 67(2), 1999, 143-149.
12. Estimation of the Prevalence of Epilepsy in India through Meta-analysis. Sridharan, R. and **Murthy, B.N.** *Epilepsia*, 40(5), 1999, 631-636.
13. Lot Quality Assurance Sampling (LQAS) for Leprosy Elimination Monitoring in an Endemic District in Tamilnadu. **Murthy, B.N.**, Subbiah, M., Boopathi, K., Ramakrishnan, R., and Gupte, M.D., *Indian Journal of Leprosy*, 73(2), 2001, 11-19.
14. Prevalence of known diabetes in Chennai city. Ashabai, P.V., **Murthy, B.N.**, Chellamariappan, M., Krishnaswami, C.V. and Gupte, M.D. *Journal of Association of Physicians of India*, 49, 2001, 974-981
15. Estimation of cure, relapse and success rates of short-course chemotherapy in the treatment of pulmonary tuberculosis: A Meta-analysis. Satagopan, M.C., Gupte, M.D., **Murthy, B.N.** and Jabbar, S. *Indian Journal of Tuberculosis*
16. Magnitude of young onset of diabetes in Indian population. Ashabai, P.V., **Murthy, B.N.**, Chellamariappan, M., Krishnaswami, C.V. and Gupte, M.D. *Antiseptic*, 99(8), 2002, 293-298
17. Implications of genetic traits on vaccine efficacy. **Murthy, B.N.** *Statistics in Medicine*, 22, 2003.

**18. Components of small area variation in fertility rates among married women in south India.**

Murthy, B. N., Jabbar, S., Venkatarao, T., Suresh Kumar, S. K. and Gupte, M. D.

International

Journal of Epidemiology, 2003.

19. Application of Lot Quality Assurance Sampling for leprosy elimination monitoring – examination of some critical factors. Gupte, MD., Murthy, BN., Mahmood, K., Meeralakshmi, S., Nagaraju, B. and R Prabhakaran. *International Journal of Epidemiology*, 2003.
20. Non-parametric bootstrap to estimate and compare the agreement between two examiners in the same population. Murthy B.N and Gupte M.D. *Statistics in medicine* (Submitted)
21. Trends in and determinants of infant mortality for Tamil Nadu. Murthy, BN. *Demography India* (Submitted)
22. Validation of cause of death by Verbal Autopsy in a district in south India. Gupte MD, Murthy BN, Venkata Rao T, Jabbar S. *International Journal of Epidemiology* ( Submitted)
23. Simple measures for reporting small area variation in rates. Murthy BN, Gupte, MD, Jabbar S, Venkatasubramanian S. *International Journal of Epidemiology* (Submitted)
24. Application of LQAS to assess sputum AFB microscopy centers in a tuberculosis unit in India. Selvakumar N, Murthy BN. *American Journal of Tropical Medicine and Hygiene* (Submitted)
25. Higher mortality among males aged 40-60 years in two health unit districts of south India. Gupte MD, Venkata Rao T, Murthy BN, Jabbar S. *International Journal of Epidemiology*(submitted)