

BIO DATA OF DR. RANI BANG

- 1) **Name** : Dr. (Mrs) Rani Bang
- 2) **Address** : SEARCH, PO & DIST : Gadchiroli, (Maharashtra) 442 605, INDIA
Phone : 91-8275780316 (O), 91-9420094578 (Hosp), E-mail : search.gad@gmail.com
- 3) **Date of Birth** : 17th September, 1951
- 4) **Current position** : Co-Director SEARCH
- 5) **Educational Qualification** : - M.B.B.S. (1972) Nagpur University, India
- M.D. (OB-GY) 1976 Nagpur University, India
- M.P.H. (1984) Johns Hopkins University, U.S.A.
- 6) **Academic Achievements** : - First position in University in M.D.
- First in OB-GY in M.B.B.S. in University.
- Gold Medal in M.D.
- First in All India Rotary Fellowship Competition, 1977

Other honors / awards

1. **JRD Tata award** by Ratan Tata from Population Foundation of India, New Delhi (2020)
2. **Achievement Award in Science Field** from Vanita Samaj, Mumbai (2020)
3. **Mahatma Gandhi ManavSeva Puraskar**, M. G. College, Armori (2019)
4. **Degree of Literature (D.Litt.)** Honoris Causa from Maharashtra University of Health Sciences, Nashik at Mumbai by Hon. Chief Minister Maharashtra (2019)
5. **Shahu, Phule, Ambedkar, Award** (2019)
6. **Lokmata Puraskar**, Lokmata Sumatitai Smruti Pratishthan, Nagpur (24.12.2018)
7. **Lifetime Achievement Award**, OPPI, Mumbai (2018)
8. **'Healthcare Humanitarian Award'**, from Federation of Indian Chambers of Commerce & Industry (FICCI), New Delhi (30th Aug 2018)
9. **Padma-Shri** Award by the Ministry of Home Affairs, Govt. of India (2018)
10. **Iconic Changemaker award** from Finance and Corporate Affairs Minister, Arun Jaitley, at the BusinessLine Changemakers Awards in New Delhi (2018)
11. **Jeevan Sarthak Puraskar**, Durgeshwar Mitra Mandal and Anuska Stree Kala Manch, Pune (2018)
12. **Women of Wonder Achievers Award** of Best Social Worker, Wockhard Foundation, Mumbai (2018)
13. **Kasturba Sanman**, Mahatma Gandhi Antrarrashtriya Hindi Vishwavidyalaya, Wardha (2017)

14. **Life Time Achievement Award** Navabharat Health Care Summit, Mumbai by Hon'ble Chief Minister (2017).
15. **Sahyadri Lifetime Achievement Award**, Sahyadri Pratisthan Maharashtra, Pune (2017)
16. **Jijabai Achievers' Awards**, Women's Development Cell, Shivaji College Delhi (2017)
17. **Yashaswinee Puraskar**, Sanwad Sanstha Wai (2016)
18. **Public Health Champion Award** for outstanding contribution to public health in the country from WHO India (2016)
19. **Vidarbha Bhushan Award** ,Vidarbha Samaj Sangh, Mumbai (2016)
20. **Dr. Gujar Award** of the Maharashtra Aarogya Mandal, Hadapsar, Pune (2016)
21. **IMC Juran Quality Medal 2015**, IMC Ramkrishna Bajaj National Quality Award Trust, Mumbai (2016)
22. **Dr. Wankar Lifetime Achievement Award**, IMA, Nagpur by Chief Minister, Mr. Devendra Phadanvis.(2015)
23. **Doctorate Honoris Causa** from Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPIMS), Lucknow (2015)
24. The **Degree of D.Litt.** from Tilak Maharashtra Vidyapeeth, Pune (2015).
25. **Vidarbha Ratna Award** from Ramkrushna Paikujji Samarth Smarak Samiti, Nagpur (2015).
26. **Kesharilalji Bordia Smruti Sanman** from Jeevan Rakshak Charitable Trust, Udaipur (2014)
27. **Sanjeevani Sanman**, from Sahyadri Doodarshan, Mumbai (2014)
28. President of the 2nd National De-addiction literature conference at Nagpur on 2nd Oct 2013. Organized by the Govt. of Maharashtra
29. **Dr. Narendra Dhabholkar Smruti Award**, Satara (2013)
30. '**Late Leelatai Limaye Samaj Seva Puraskar**' from Vaneeta Samaj, Mumbai (2013)
31. **Excellence Award** from State Bank of India (2013)
32. **Dr. Mokshagundam vishweshwaraiya Puraskar** from Sub Ordinate Engineers Association, Gadchiroli 2013)
33. **2012 Distinguished Alumnus Award** Department of International Health, Johns Hopkins Bloomberg, School of Public Health, Baltimore, USA (2013)
34. **Society of Scholars** elected from The Johns Hopkins University, U S A (2013)
35. Babasaheb Ambedkar **Daleet Mitra** Puraskar (2013)
36. The **Dr. B. N. Purandare Outstanding Services Award** from the Dr. B. N. Purandare Memorial Mumbai (2013)

37. **Karmayogini Bhavneek Ekatmata Puraskar**, Navbharat Shikshan Mandal, Sangli (2013)
38. **'Prerana Poonj Sanman'** from Vichar Veethee, Vidarbha Hindi Sahitya Sanmela, Nagpur (2012)
39. Conferment of Honorary **Degree of Doctor of Letters** (D.Litt.) from SNDT Women University, Mumbai (2012)
40. **'Pulotsava'** Gratitude Award, Pune (2012)
41. **'Abhijeetdada Kadam Humanitarian' Award** from Abhijeet Dada Katam Memorial Foundation, Pune (2012)
42. CNN-IBN Life time achievement Award from Reliance Foundation (2011)
43. Swastha Bharat Sanman, from Zee News and LIC, New Delhi (2011)
44. **'Jaitai Matru Gaurav'** Puraskar, Shri Jaitai Temple Committee, Wani (2011)
45. **'Jeevan Sadhana' Award**, from Nagpur University Nagpur (2011)
46. **'Savitribai Fule' Award** from Nanded Zilla Parishad, Nanded (2011)
47. **'Vocational Excellence' Award** of Rotary Club Dist. 3030 at Nagpur (2011)
48. **Vocational Excellence Award** of Rotary Club of Pune (2011)
49. **'Swami Rama Humanitarian' Award** from Himalayan Institute Hospital Trust, Dehra Dun (2010)
50. **'Dory Storms' Child Survival Recognition Award** from CORE Group Washington (2010).
51. **'Jewel of Maharashtra'** Award from State DNL Summit 2010 in association with Zee 24 Tass & Govt. of Maharashtra, Mumbai (2010)
52. **Freedom-fighter Dada Undalkar Social Award** from Dada Undalkar Smarak Samitee, Undale Ta. Karad Dist Pune (2010)
53. **'Jeevan Gaurav'** Puraskar from Haware Foundation, Mumbai (2010)
54. **'Samajik Gaurav Puraskar'** from U R L Foundation, Mumbai (2010)
55. **'Chandrapur Bhushan'** Award from Baba Saheb Deshmukh Smruti Pratisthan, Chandrapur (2009)
56. **'Baa'** Award from Gandhi National Memorial Society, Pune (2009)
57. National Award for Women's Development through Application of Science and Technology for the year 2007. Presented by Smt. Pratibhatai Patil, Hon'ble President of Indias. (2008)
58. **Stree Shakti Puraskar, 2005** from Ministry of Women & Child Development Govt. of India. (2008)
59. **MacArthur Foundation International Award** to SEARCH for creative and social work. (2006)

60. **Jamanalal Bajaj Award** from Jamanalal Bajaj Foundation, Mumbai (2006)
61. '**Maharashtra Bhushan**', the highest honour from the Govt. of Maharashtra State (2003).
62. In 2005, selected as a **Global Health Hero** by the Time magazine, USA.
63. The **Sheshadri Gold Medal** of Indian Council of Medical Research to SEARCH for outstanding contribution to the field of community medicine in India. (1996).
64. Qimpro Award of Qimpro Platinum Standard national Statesman for Quality – Health Care from Qimpro Foundation, Mumbai (2008)
65. '**National Character Award**' from Charitrya Pratisthan, Pune (2009)
66. '**Rajai Award**' by Rajai Pratishthan Nanded (2009)
67. '**Maitri Puraskar**' from Maitri Pariwar Sanstha, Nagpur (2007)
68. '**Navratna Puraskar**' from Doordarshan Sahyadri Channel, Mumbai (2005)
69. '**Spirit of Mastek Award**' for exemplary work that has helped reduce child deaths at Gadchiroli, from Mastek Limited, Mumbai, (Dec. 2005)
70. '**Pariwartanwadi**' Award, Dr. Shivram Mali Public Act, Kolhapur (2007)
71. '**Jeevan Gourav**' Puraskar from Parkar Medical Foundation, Ratnagiri (2004)
72. '**Tararani Bhadrakali**' Puraskar, from Tararani Bhadrakali Vidhyapeeth, Kolhapur (2004)
73. **Sat Paul Mittal Award** on Population – by the Indian Association of Parliamentarians, New Delhi. (2002)
74. **Dr. James Tong award** on the Voluntary health Association of India to SEARCH for being the outstanding voluntary institution in India. (1999)
75. **Diwaliben Mohanlal Mehta Award**, Mumbai, (2004)
76. '**Mauli Anandi Puraskar**' from Sadguru Vishwanath Maharaj Rukalikar Trust, Kolhapur (2004)
77. **Savitri Bai Phule Puraskar** from the Govt. of Maharashtra. (2000), for the work among women.
78. **Literary Award**, of the Govt. of Maharashtra (2000) for the book 'Goen' .
79. **Yashwantrao Chavan Pratisthan Award** for the year 2000 for the outstanding contribution to rural development in Maharashtra.
80. **Kasturba Gandhi Puraskar**. (1999)
81. **Sane Guruji Puraskar**. (1999)
82. Late. **Vinaykumar Parashar Smruti Puraskar**, Akola (2001)
83. Late **Kamalatai Jamkar, Darpan Puraskar**, 2001
84. **Jankibai Apte, Balikshram, Puraskar**, Ahamednagar (2002)
85. **Ramshastri Prabhune Puraskar** for social justice – Satara, (2002)

86. **'Shram Seva Puraskar'** from Yashwantrao Chavan Maharashtra Open University, Nashik (2003)
87. **Samajwadi Mahila Sanghatan Puraskar.** (1998)
88. **'Natu Foundation Puraskar'** for contribution to social work in Maharashtra, January '1996.
89. Late Shrimati **Vimaltai Tidke Puraskar.** (1999)
90. **'Shamrao Babu Kapgate Smruti Puraskar'** for outstanding female social worker in 1995.
91. Maniklal Gandhi Charitable trust award for outstanding Woman Social Worker of Vidarbha 1991.
92. **Adi-Shakti Jeevan Gaurav Puraskar** (2002) Mahalakshmi Trust, Pune.
93. Selected as **'The couple of the year 1996'** for the annual issue of the national magazine 'The Week'.

7) Experience

A) A Public Health

1. Co-Director, SEARCH, 1985 onward, conduction epidemiologic and operational research in primary health care, providing health care to 50,000 rural and tribal population, training of health workers and mass education.
2. The Community based study of gynaecological problem in rural area is the first study in the world focusing on women's health beyond maternity care. This study initiated the programme of women's reproductive health all over the world specifically in developing countries.
3. Area of research - Women's reproductive health
 - Sexually Transmitted Disease and AIDs control.
 - Adolescent sexual health
 - Child mortality in rural areas
 - Tribal health
 - Alcohol and alcoholism.
3. Member, National Commission on Population, Govt. of India 2000
4. Member of Vidarbha Development Board. Appointed by Governor of Maharashtra.
5. Nagpur University Senate Member,
6. Panelist speaker in Technical Discussion on Women and Health in World Health Assembly 1992.
7. Member, Expert Committee on high dose EP combination, I.C.M.R., New Delhi.
8. Member – Scientific Advisory Group of I.C.M.R.

9. Member, Task force on health, National Commission on Women Govt. of India 1987.
10. Member Planning Commission's task force on Panchyat Raj in Health.
11. Member, Expert Committee on Norplant, I.C.M.R. New Delhi.
12. Consultant on Women's health matters to WHO, UNFPA, USAID, Population Council and various national and international organisations.
13. Worked for relief and research in population involved in Bhopal gas exposure.
14. Member WHO Review Committee on Measuring Reproductive Morbidity.
15. Member of WHO review committee on Antifertility vaccines.
16. Member of WHO's human Reproductive division's task force on dialogue between Scientists and women's health advocates.
17. Consultant to Foundation for Research in Community health on research into women's health.
18. Member of the Governing body of IIMR (Indian Institute of Health Management and Research).
19. Member of Governing body, Voluntary Health Association of India (year 1989)
20. Initiated and led public movement against alcohol in Gadchiroli district since 1988, which finally has spread to entire district.
21. Founder Member and full time worker of Voluntary Organisation Chetna-Vikas. Worked for rural development and community health for 6 years (1977-83).
22. One of the principal speaker in Tietze symposium in Rio-de-Janero, Brazil in 1990.
23. Served as a Consultant to INCLIN (International clinical epidemiology network) for Reproductive health.
24. Member of IWHAM i.e. International Women's health Advocates on Microbicides.
25. 10th Five year plan Maharashtra Health and Nutrition Committee Member.
26. Was nominated for Nobel Peace Prize in 2003 as a member of 1000 women world wide for peace prize.

B) Clinical Experience :

- 1) Working as consulting Gynaecologist SEARCH. 1986 onwards
- 2) Honorary Consulting Gynaecologist, Civil Hospital Wardha 1979-1983.
- 3) Consulting Gynaecologist Civil Hospital Gadchiroli, 1986 to 1990.
- 4) Lecturer, Dept. of OB-GY. Medical College, Nagpur (1975-76) and OB-GY Sevagram, 1977-78.
- 5) Registrar, Dept. of OB-GY, Medical College, Nagpur (1974-75)
- 6) Residency in Medicine (½ year) and OB-GY (1 year) (1973)

8) Publications

1. Rani Bang-Leader in women's reproductive health: Profile ; Tony Kirby, **The Lancet** Feb 2021
2. Causes and Consequences of Pregnancies: Rani A. Bang*, Mahesh D. Deshmukh, Sunanda Khorgade and Margaret Farrell; **ISSRF Newsletter**, Issue 25, February, 2020.
2. Primary Care 2030: Creating an Enabling Ecosystem for Disruptive Primary Care Models to Achieve Universal Health Coverage in Low- and Middle-Income Countries. Schwarz D, et al. **Annals of Global Health**. 2020; 86(1): 9, 1–5. DOI: <https://doi.org/10.5334/aogh.2471>
3. Impact of Anemia on Surgical Outcomes : Innovative Interventions in Resource-poor Settings : Janaka Lagoo, Jeffrey Wilkinson, Julie Thacker, Mahesh Deshmukh, Sunanda Khorgade, Rani Bang.: **World Journal of Surgery** (2012) 36:2080-2089.
4. Simple Clinical Criteria to Identify Sepsis or Pneumonia in Neonates in the Community Needing Treatment or Referral : **The Pediatric Infectious Disease Journal** : April 2005;Vol. 24; No. 4 : pp. 335-341.
5. Background of the Field Trial of Home-based Neonatal Care in Gadchiroli, India : **Supplement to Journal of Perinatology**, Vol : 25: Supplementary 1; March 2005 : pp S3-S10
6. Methods and the Baseline Situation in the Field Trial of Home-Based Neonatal Care in Gadchiroli, India : **Supplement to Journal of Perinatology**, Vol : 25: Supplementary 1; March 2005 : pp S11-S17.
7. The Incidence of Morbidities in a Cohort of Neonates in Rural Gadchiroli, India : Seasonal and Temporal Variation and a Hypothesis About Prevention : **Supplement to Journal of Perinatology**, Vol : 25: Supplementary 1; March 2005 : pp S18-S28.
8. Why Do Neonates Die in Rural Gadchiroli, India? (Part II) : Estimating Population Attributable Risks and Contribution of Multiple Morbidities for Identifying a Strategy to Prevent Deaths : **Supplement to Journal of Perinatology**, Vol : 25: Supplementary 1; March 2005 : pp S35-S43.
9. Reduced Incidence of Neonatal Morbidities : Effect of Home-based Neonatal Care in Rural Gadchiroli, India : **Supplement to Journal of Perinatology**, Vol : 25: Supplementary 1; March 2005 : pp S51-S61.
10. Is Home-Based Diagnosis and Treatment of Neonatal Sepsis Feasible and Effective ? Seven Years of Intervention in the Gadchiroli Field Trial (1996 to 2003) : **Supplement to Journal of Perinatology**, Vol : 25: Supplementary 1; March 2005 : pp S62-S71.

11. Low Birth Weight and Preterm Neonates : Can they be Managed at Home by Mother and a Trained Village Health Worker ? : **Supplement to Journal of Perinatology**, Vol : 25: Supplementary 1; March 2005 : pp S72-S81.
12. Management of Birth Asphyxia in Home Deliveries in Rural Gadchiroli : The Effect of Two Types of Birth Attendants and of Resuscitating with Mouth-to Mouth, Tube-Mask or Bag-Mask : **Supplement to Journal of Perinatology**, Vol : 25: Supplementary 1; March 2005 : pp S82-S91.
13. Neonatal and Infant Mortality in the Ten Years (1993 to 2003) of the Gadchiroli Field Trial : Effect of home-Based Neonatal Care : **Supplement to Journal of Perinatology**, Vol : 25: Supplementary 1; March 2005 : pp S92-S107.
14. Home-Based Neonatal Care : Summary and Applications of the Field Trial in Rural Gadchiroli, India (1993 to 2003) : **Supplement to Journal of Perinatology**, Vol : 25: Supplementary 1; March 2005 : pp S108-S122.
15. Maternal morbidity during labour and the puerperium in rural homes and the need for medical attention : A prospective observational study in Gadchiroli, India : **British J of OB & GY** : March 2004, Vol. 111, pp. 231-238.
16. The Gadchiroli Study of gynaecological diseases : **Reproductive Tract Infections and other Gynaecological Disorders**; Edited by Shireen Jejeebhoy, Michael Koenig and Christopher Elias. . Publisher : Cambridge University Press, UK. (2003)
17. Child Mortality in Maharashtra, **Economic and Political Weekly**, (2002), Vol. 37, No.49 : 4947-65.
18. Burden of Morbidities and the Unmet Need for Health Care in Rural Neonates – A Prospective Observational Study in Gadchiroli, India, **India Pediatrics** Vol 38 : (2001) : 952-965.
19. Effect of home-based neonatal care and management of sepsis on neonatal mortality : field trial in rural India, **The Lancet** Vol. 354 : (1999) : 1955-61.
20. A Community Study of Gynecological Disease in Indian Villages : Some Experiences and Reflections in '**Learning About Sexuality : A Practical Beginning**'. The Population Council and International Women's Health Coalition, New York (1996) : 223-237.
21. Rural women and reproductive tract infections. **Aids Action**. (1995) 26 :11.
22. Community education on action against alcoholism. **Health Action**. (1995) 11:8.
23. Management of childhood pneumonia by Traditional Birth Attendants, WHO bulletin, **Bulletin of World Health Organisation**, 1994, 72(6), 897-907.
24. Perceptions of rural women on white discharge in '**Listening to Women Talk About their Health Issues an Evidence From India**' Ford Foundation. 1994.

25. Pneumonia in neonates : can it be managed in the community ? **Archives of Disease in Childhood** 1993 ; 68: 550-556.
26. Government or People ? : Experiences of Research and Health Care in Gadchiroli : **People's health in People's Hands The Foundation for Research Community Health**; Editor Dr. N.H. Antia, Kavita Bhatia. July 1993; pp 189-208.
27. India : Action against sale of alcohol : **The Lancet** Vol. 340 : Sept 19, 1992.
28. Diagnosis of causes of childhood deaths in developing countries by verbal autopsy : suggested criteria. **Bulletin of the World health Organization**, 70 (4) : 499-507 (1992).
29. Community participation in research and action against alcoholism. **World Health Forum** (1991), 12 :104 – 109.
30. Breath Counter for diagnosis of childhood pneumonia. **The Lancet** (1991) 338 ; 116.
31. Reduction in pneumonia mortality and total childhood mortality by means of community based interventions trial in Gadchiroli, India. **The Lancet** (1990) 336 : 201-06.
32. Against Liquor-Gadchiroli and Gorbachev. **M F C Bulletin**, (1990) 167: 1-8.
33. Community Based Approach to Reproductive health Care : **International Journal of Gynecol. Obstet.** 1989 suppl. 3 : 125-129.
34. High Prevalence of Gynaecological Diseases in Rural Indian Women, **The Lancet** (1989) Vol. 333 No. 8629, pp 85-88 .
35. WCH Rather than MCH – **The Lancet**, Nov. 11, 1989.
36. Need for a Tribal Health Plan : **Health for Millions**, August 1989.
37. Participatory Action Research Leads to People's Movement : **Health Action**, July (1989).
38. Why Women Hide Them Rural Women's Viewpoints on Reproductive Tract Infection : **MANUSHI** (1989).
39. Voluntary Health Programmes Should Not Try to Become Economically Self Sufficient : **World Health Forum** (1986) Vol.7.
40. Other Side of Health Education : **Medico Friend Circle Bulletin**, (1982) : 72.
41. Epidemic of gynaecological diseases in women exposed to MIC gas Bhopal – (1995).
42. Nurses : The cursed Nightingales, **MFC Bulletin** (1981).

Books :

1. Two books published by **Granthali** Publishers Bombay. (1999) One book '**Kanosa**' is about the perceptions of rural women and men regarding various issues of Reproductive health, and the other book '**Goin**' (Goin means friend in tribal Gond language) describes the relationship of tribal women with various trees in Gadchiroli district.

2. One monogram "**Putting women First**" published in 2010 by Bhatkal and Sen through Stree Publishers. It describes in detail the different aspects of Women's Reproductive Health and policy recommendations for improving women's health.
3. Book publish by Rajhans Prakashan, Publisher Pune (2020) book 'Tarunyabhan'

