

Curriculum vitae

Dr. Amruta Paresh Chutke Ph.D., M.P.H., M.P.S., B.A.M.S.

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Educational Qualification

July 2015-April 2024	Ph.D. Health Sciences (Public Health) Department of Health Sciences Savitribai Phule Pune University (Formerly University of Pune), Maharashtra, India
June 2006-May 2008	Masters of Public Health (M.P.H.) Interdisciplinary School of Health Sciences Savitribai Phule Pune University (Formerly University of Pune), Maharashtra, India Grade- O (Outstanding) (CGPA 5.07)
June 2015- May 2021	Masters in Population Sciences (M.P.S.) International Institute of Population Sciences, Mumbai Maharashtra, India Grade- First class (CGPA 7.35)
June 1999-Jan 2005 (with internship)	B.A.M.S. Tilak Ayurved Mahavidyalaya, Pune Maharashtra University of Health Sciences, Nashik, Maharashtra, India Grade- First class (67%)

Research profile

ORCiD	0000-0002-4677-2802
Scopus ID	57301981900
ResearcherID	JBR-8204-2023
Google scholar link	https://scholar.google.com/citations?user=ZkH9hsIAAAAJ&hl=en&oi=ao
H-index	5
I-10 index	4
Citations	78

Personal information, Language proficiency, skills and achievements

Citizenship	Indian
Place and date of Birth	Pune, Maharashtra, India; 9 th April 1982
Language	English, Marathi, Hindi (proficient in writing and speaking)
Teaching skills	Research methodology, Epidemiology, Biostatistics, Proposal writing, Applied research methodology, Qualitative and Quantitative research, National Health programmes
Research skills	Research proposal writing, experience of conducting qualitative and quantitative study designs, designing, preparing and delivering an intervention, Technical writing, Effective co-ordination and team leading
Statistical skills	Large sample data handling, Conversant with SPSS, MAXQDA, WHO Anthro plus
MS Office	Word, Power-point, Excel and Publisher
Strengths	Confident, dedicated at work, good communication, teaching and presentation skills, good in quantitative and qualitative public health research, good at handling large sample data

Professional experience

Dec 2021- till date	<p>Research Associate for Bharati Vidyapeeth Medical Foundation, Pune</p> <p>Involved as In-charge and Executive Editorial board member for Bharati Vidyapeeth Medical Journal (BVMJ), an official publication of Bharati Vidyapeeth (Deemed to be) University Medical College, Pune. Handling all the journal activities, including drafting, executing, revising and monitoring the publication ethics policies for the journal; overseeing the application process for journal indexing; handling Editorial review, liaison between reviewers and authors, checking the scientific content, plagiarism, language editing, data presentation, referencing, proof reading etc. to maintain the journal standards. The journal is an open access peer reviewed quarterly journal, indexed in UGC Care Group I list, and in process of indexing for DOAJ, web of science, and COPE.</p> <p>Involved as a Research Faculty in capacity building and training workshops for Medical and Paramedical faculty, PhD scholars, UG/PG students on research methodology, qualitative research, data analysis, ethics, CTRI registrations, reference management, manuscript writing. Involved in conducting journal club, thesis reviews of PG Medical students of various departments.</p> <p>Reviewed articles for many PubMed-indexed international journals like BMC Pediatrics, BMC Geriatrics, BMC Psychiatry, BMC Public Health, BMC Geriatrics, BMJ Open, PlosOne, Journal of Midwifery, Discover Social Science and Health, Indian Journal of Public Health, etc.</p>
April 2018 – Oct 2021	<p>Project Co-ordinator (UNICEF Funded Preconception care Project) for Department of Community Medicine, Bharati Vidyapeeth (DTU) Medical College, Pune</p> <p>Worked closely with PI in implementing the community based interventional study in rural and tribal blocks of Nashik district, Maharashtra. Project involved funding over one crore.</p>
June 2018- March 2018	<p>Consultancy for conducting research, data analysis and scientific writing</p> <p>Self-employed and involved in research work as data analysis and scientific writing.</p>
Jan 2014 – May 2017	<p>Teaching Associate for School of Health Sciences, Savitribai Phule Pune University</p> <p>Involved in Indo-Norway Co-operation Project of Translational Research in Disability. Teaching responsibilities: Demography, Epidemiology and practicals, Biostatistics and practicals, Practical training of Analysis software like SPSS; Infectious diseases, Applied research methodology; Non Communicable Diseases, Health planning; and Management of health service organizations and National control programmes.</p>
Jan 2012- Dec 2013	<p>Consultancy for conducting research, data analysis and scientific writing</p> <p>Self-employed and involved in research work as data analysis and scientific writing.</p>
July 2009 – May 2010	<p>State Programme Manager (Urban RCH) for State Family Welfare Bureau, Pune</p> <p>Involved in monitoring RCH activities and PIP of the urban areas of Maharashtra State.</p>
June 2008 – Nov 2008	<p>Program Officer for Avni Health Foundation, Vile Parle, Mumbai, for two Projects – Capacity building of medical professionals through Emergency Obstetric Care (EmOC) training and Leadership in Public Health Management Course.</p>
Apr 2005 –Mar 2006	<p>Researcher for Jnana Prabodhini – Ayurved Aushadhi Samshodhan Sanstha, Pune</p> <p>Involved in Ayurveda concepts and medicine for evidence-based research.</p>

June 2005- May 2006 **Medical Consultant for Jeevanashraya Vriddhashram, Nandoshi, Pune**
Consulting and support to elderly for their regular health check-up and health-related issues.

Research experience

- Dec 2021- till date **Co-investigator for the projects**
- Perception of stakeholders about translation of CBME learnings into patient care: a qualitative study
 - Assessment of growth of offspring(s) of women enrolled in Nashik preconception care pilot project.
 - Knowledge, perceptions and barriers about tuberculosis elimination through preventive treatment strategy: Qualitative research among health officers in Pune district, India.
 - Implementation of tummy time in a tertiary care hospital in India- Healthcare workers perspectives.
 - Effect of mhealth in adherence to TB treatment among adults in Asia: A Systematic review and Meta-analysis.
- July 2015- April 2024 Ph. D. thesis
- The epidemiology of congenital disability among children under five years of age in India**
- The purpose of this study was to estimate the magnitude, characteristics and determine risk factors for congenital disability (caused due to prenatal and perinatal causes) among children below five years of age.
 - The study involved use of three study designs. The first section involved cross-sectional study of randomly selected 2262 children below five years of age residing in urban slums, to estimate the prevalence of disability and congenital disability. The second section involved case-control study to determine the risk factors for disability. The third section involved secondary data analysis of national survey to estimate the prevalence and associated factors for disability among children under five years of age in India.
- April 2018 – Oct 2021 **Worked as co-investigator for Preconception care Project** funded by UNICEF, Maharashtra
- Project was an interventional study where 7500 women from rural and tribal areas were enrolled and given intervention in form of BCC through ASHAs regarding preconception care.
 - Involved in all activities of project immediately after Principal investigator including project designing, questionnaire designing, training for data collection and providing intervention, monitoring, support for data analysis, preparing script for intervention, fund management, writing and submitting manuscripts.
 - The report and the interventions are available in public domain. The interventions are now being implemented in phase wise manner as Preconception care programme in Maharashtra State. Involved in training of TOT, and monitoring of implementation activities in initial phases.
 - The report of this project is available at https://mcpune.bharativedyapeeth.edu/media/pdfs/Report_of_the_Healthy_Parents_Healthy_Child_Initiative_for_promoting_health_of_women_in_preconception_period_Nashik_Maharashtra_India_160622.pdf
 - All the health education material interventions are available in public domain on social media (YouTube channel @Bharati Vidyapeeth Medical College, Pune and @Maharashtra

Health IEC, Pune at <https://www.youtube.com/channel/UC4K90Z7jzayqKg1HO1zd-Qw> and <https://www.youtube.com/channel/UC4JxQBhtS6ePB8jkzHdqRmw> respectively)

- June 2015- **MPS Dissertation project**
 May 2021 Social exclusion and health among elderly in India: An evidence from Longitudinal Ageing Survey (LASI)
- Jan 2014 – **Mentor for students' research projects and dissertations**
 May 2017
- A study to determine health and nutritional status of children under five years of age in Pune city: A cross sectional study
 - House to house monitoring of Routine Immunization in registered urban slums of Pune Municipal Corporation and Pimpri-Chinchwad Municipal Corporation
 - A descriptive epidemiology of malaria in children 6-59 months of age in Nigeria, 2015
 - Challenges and barriers to health services for children under-five years of age in tribal villages of Maharashtra, Odisha and Jharkhand
 - Prevalence of developmental delay, disability and birth defects among children aged 0-2 years in urban slums of Pune city- a cross sectional study
 - Prevalence of disability in Indian children under five years of age: A secondary data analysis from Census 2011

Publications:

Published articles

- 2025 Doke P, Gothankar J, **Chutke A**. The untold story of elimination of human Schistosomiasis from Gimavi village, Ratnagiri district, Maharashtra State, India; A qualitative study. Indian Journal of Medical Research. 2025 July. 162.
- 2025 Doke P, **Chutke A**, Palkar S. A cross-sectional descriptive study assessing minimum dietary diversity among women desiring pregnancy in tribal and non-tribal blocks in rural area of a north Maharashtra district, India. Indian Journal of Community Health. 2025 Jul. 25;37(3).
- 2025 **Chutke A**, Pokale A. Coping strategies during COVID-19 pandemic: Experience of Undergraduate Medical Students. Industrial Psychiatry Journal. May–Aug 2025. 34(2):p 368-9.
- 2025 **Chutke A**, Pandit M, Guru P. Epidemiology and Projections of Childhood and Adolescent Disability in India: Findings from Census 2011. Premier Journal of Science. 2025 Feb 7:100056.
- 2024 Chethana R, **Chutke A**, Jadhav R, Ramanathan S, Shamkant S. Salivary pH testing in Laryngopharyngeal Reflux Disease. Indian Journal of Otolaryngology and Head & Neck Surgery. 2024 Oct 5:1-6.
- 2024 Doke PP, **Chutke AP**, Palkar SH, et al. Implementation of preconception care for preventing adverse pregnancy outcomes in rural and tribal areas of Nashik District, India. Preventive Medicine Reports. 2024 Jun 9:102796.
- 2023 John R, Pokale A, **Chutke A**, Narula AP, Shinde S, Deshmukh R. Prevalence of excess screen time among secondary school children in rural India. Journal of Preventive Medicine and Hygiene. 2023 Dec;64(4):E457.
- 2022 **Chutke AP**. Impact of COVID-19 pandemic and lockdown on physical, psychological, and social well-being of persons with disabilities: A systematic review. Medical Journal of Dr. DY Patil Vidyapeeth. 2022 Nov 1;15(8):154.
- 2022 Kar A, **Chutke A**, Gokhale C, Phadnis S, Radhakrishnan B. A healthy future for children and adolescents. Lancet (London, England). 2022 Oct 1;400(10358):1099.
- 2022 Kar A, Yajnik CS, Doke PP, Bhide P, **Chutke A**, Radhakrishnan B, Phadnis S. Mandatory food fortification with folic acid. The Lancet Global Health. 2022 Oct 1;10(10):e1390.
- 2022 **Chutke AP**, Doke PP, Gothankar JS, Pore PD, Palkar SH, Patil AV, et al. Perceptions of and

- challenges faced by primary healthcare workers about preconception services in rural India: A qualitative study using focus group discussion. *Frontiers in Public Health*. 2022;10.
- 2022 Doke PP, Gothankar JS, **Chutke AP**, Palkar SH, Patil AV, Pore PD, et al. Prevalence of preconception risk factors for adverse pregnancy outcome among women from tribal and non-tribal blocks in Nashik district, India: a cross-sectional study. *Reproductive Health*. 2022 Dec;19(1):1-1.
- 2021 **Chutke A**. Are Persons with disability taken into account for preparedness of COVID- 19 Pandemic in India? *Bharati Vidyapeeth Medical College Journal* 2021; 1(2), 10-13.
- 2021 Doke P, Palkar S, Gothankar J, Patil A, **Chutke A** et al. Association between adverse pregnancy outcomes and preceding risk factors: a cross-sectional study from Nashik District, India. *BMC Pregnancy and childbirth* 2021 Oct 18;21(1):700.
- 2021 Doke P, Gothankar J, Pore P, Palkar S, **Chutke A** et al. Meagre perception of preconception care among women desiring pregnancy in rural areas: a qualitative study using focus group discussions. *Frontiers in Public Health* 2021 Oct 15;9:689820.

Published: Book chapter

- 2021 **Chutke A**. Magnitude and characteristics of children with congenital disabilities in India. *Birth defects in India-Epidemiology and Public Health Implication*. Editor Kar A. Springer Singapore; pg.195-208. https://doi.org/10.1007/978-981-16-1554-2_8

Articles: under review/ publication

- 2025 Doke P, Gothankar J, Chutke A et al. Effect of Preconception Care on Anemia and Body Mass Index Among Women in a Rural and Tribal Area, Nashik District, India. *Women's Health Reports* (Accepted)
- 2025 Chutke A, Palkar S, Malshe N, Doke P. Prevalence of undernutrition among preschool children in the context of preconception care to women in a North Maharashtra district, India: a cross-sectional analytic study. *BMJ Open* (Under review)

Selective Paper presentations in Conferences

- 2022 **Chutke A**, Kar A. Congenital disability in children under five years of age in India and access to health and welfare services. Presentation at EUROLINKCAT European Conference: Health and education outcomes of children across Europe with congenital malformations, 2022. April 7-8
- 2021 **Chutke A**, Kar A. Burden of disability in children under five years of age in slums of Pune, Maharashtra. Presentation at 65th Annual National Conference of Indian Public Health Association – IPHACON 2021. Sept 23-26.

Selective workshops and training programmes

- 2025 Conference on Evidence based Medicine Conference conducted by International Society for Evidence based health care on 24-25 Jan 2025.
- 2024 CME on Research Proposal Development conducted by Bharati Vidyapeeth Deemed to be University Medical College, Pune on 17-19 Oct 2024.
- 2024 Workshop on Advanced Statistical Data analysis using SPSS by Resilient Foundation for Academic Innovation and Scientific Research (Registered with NITI Aayog, GoI) on 22-28 June 2024.
- 2024 Workshop on Good Clinical Practice (GCP) conducted by IEC, BVDU, Pune on 09 May 2024.
- 2024 Workshop for Journal Editors: Best practices for Journal Editors and Reviewers conducted by Centre for Publication Ethics and Centre for Complementary and Integrative Health, SPPU, Pune on 23-24 Feb 2024.
- 2023 Workshop on Good Clinical Practice (GCP) conducted by IEC, BVDU, Pune in 2023.
- 2023 Workshop on From Evidence to Practice and Policy conducted by ICMR Advanced Centre on Evidence Based Child Health (ACEBCH), PGIMER Chandigarh on 25-26 November 2023.

- 2023 Workshop on Principles and Practice of Systematic Reviews conducted by ICMR Advanced Centre on Evidence Based Child Health (ACEBCH), PGIMER Chandigarh on 30 Sep-1 Oct 2023.
- 2023 Workshop on Making sense out of published research through Critical Appraisal conducted by ICMR Advanced Centre on Evidence Based Child Health (ACEBCH), PGIMER Chandigarh on 19-20 Aug 2023.
- 2023 Workshop on Building better evidence through robust research methodology conducted by ICMR Advanced Centre on Evidence Based Child Health (ACEBCH), PGIMER Chandigarh on 15-16 July 2023.
- 2022 Workshop on Health Technology Assessment by ICMR-NIE and ICMR-NIV on 28-29 July 2022.
- 2022 Workshop on Sample size estimation, Systematic review and meta-analysis, and Scientific writing organized by Department of Biostatistics and epidemiology, KLE Academy of Higher Education and Research, Belgavi, Karnataka on 20-22 April 2022.
- 2022 Online Course on Scientific writing in Health Research by ICMR-NIE in May 2022.

Voluntary participation

- Facilitator for Research methodology workshop on ‘Research and Publication ethics’ on 14-16 Nov 2024.
- Convener for ‘Time Series Analysis’ IPHA pre-conference workshop on 22 Sep 2022.
- Member of the organizing committee for Pune Public Health Conference, 2011, 2012, 2013 and 2014.

Country visited

- Visited Norway in Sept 2015 under Indo-Norway Co-operation Project at School of Health Sciences, Savitribai Phule Pune University.

Professional membership

- Life membership of India Public Health Association No. L/2022/MAH/9079
- Life membership of Epidemiology Foundation India No. 03719
- Editorial board member for Bharati Vidyapeeth Medical Journal (BVMJ)

Awards/ Achievements

- Received third prize award in Best paper in 2022-23 for the article “Perceptions of and challenges faced by primary healthcare workers about preconception services in rural India: A qualitative study using focus group discussion” from Bharati Vidyapeeth (DTU) Medical College Pune
 - Completed Basic Course in Biomedical Research in May 2022 with score of 89%
 - Qualified UGC-NET for Assistant Professor in Community medicine in December 2014
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