

Prof. Dr. Niraj Pandit

Professor & Head,

Department of Community Medicine,

SBKS MIRC,

Director, Research and Innovation Department and Institutional Social Responsibility Cell,

Sumandeep Vidyapeeth deemed to be University, Piparia

Vadodara India

Qualification – MD (Preventive and Social Medicine), AFIH

My blog - <https://drnirajpandit.blogspot.com/>

My Research get id - <https://www.researchgate.net/profile/Niraj-Pandit>

Since 2012 he is working as professor and since 2016, Professor & head, he is working as Academician, Researcher and leader of department. His passion is teaching subject Community Medicine to undergraduate students, post graduate students and PhD scholars. Along with this he is working as Member of Institutional Ethics Committee of university- Sumandeep Vidyapeeth.

During 2015 to 2022, he worked as member secretary of Institutional Ethics Committee of Sumandeep Vidyapeeth. During this time he developed various SoPs and various aspects of research quality with ethical principals incorporating in institute. He trained various faculties and students for ICH/GCP of Ethics. Motivated for clinical trials in institute.

Publication and research are key areas of interest. He is also founder Managing Editor of university journal of Integrated Health Sciences (JIHS) which is running since 2013 visit www.jihs.in. Also he is founder managing editor of journal Healthline – a journal of Indian Association of Preventive and Social Medicine Gujarat Chapter and worked for the position for 5 years on inception, visit <https://www.healthlinejournal.org/>.

Also he is currently on the editorial board of Indian Journal of Public Health, visit <https://journals.lww.com/IJPH/pages/editorialboard.aspx>

Completed MD Community Medicine in 2001. In addition to work as academician and researcher, he worked as District Tuberculosis officer at District Banaskantha during 2005 to 2007. He has very good ground experience to work with general health system including ASHA to MO. Training and capacity building were key area of human resource development.

He developed special concept of EviGenCHIP for under graduate students. The aim of EviGenCHIP is to develop research culture among medical students since 2014. The details can be read on link <https://sumandeepvidyapeethdu.edu.in/medical/concept/> and also read on https://www.researchgate.net/profile/Niraj-Pandit/publication/272401361_EviGenCHIP_-_evidence_generating_community_health_project_a_review/links/58d240a092851cf4f8f4c426/E_vigenCHIP-evidence-generating-community-health-project-a-review.pdf. He guided many MD and PhD students at medical colleges and national health programme evaluation is key strength.

Member of World Association of Medical editors, Indian Association of Medical Journal Editors, Indian Association of Preventive & Social Medicine, Indian Public Health Association, Indian Medical Association, Indian Association of Occupational Health and other.

Looking to his energetic work in research field Sumandeep Vidyapeeth has given responsibility of Director, Research and Innovation department in campus. His main aim to foster the research culture in campus institute. Also create the research eco system for all faculties and students.

More than 70 publications are on his name in various national and international journals. He attended many conferences and presented papers. You can have look on research paper by visiting Google Scholar link

<https://scholar.google.co.in/citations?user=m9R0MWIAAAAJ&hl=en>

Also more about papers and evidence is attached in separate document.

Member of Professional associations –

Founder Managing Editor of journal of Sumandeep Vidyapeeth (deemed university of Gujarat) name with **Journal of Integrated Health Sciences (JIHS) 2013-2019 – www.jihs.in**

Member of Editor Board, Healthline-the journal of Indian Association of Preventive and Social Medicine, Gujarat Chapter, Managing editor of Healthline form 2010 to 2015 and Worked as founder managing editor for Healthline between 2010 to 2012

Member of National Advisory / Reviewer Board of International Journal of Scientific Study
Life Member-Indian Medical Association (IMA)

Life Member Indian Association of Preventive and Social Medicine (IAPSM)

Life member of Indian Association of Social Science and Health (IASSH)

Life Member of Indian Association of Occupational Health (IAOH)

Life Member of Indian Association of Public Health (IAPH)

Life member of World Association of Medical Editors (WAME)

Member of Editor Board, Indian Journal of Community Medicine for 2010-2013

Member of Editorial Team of Indian Journal of Public Health Research & Development

Editorial board member for Indian Journal of Public Health since 2021

Ongoing and completed research work

1. Reproductive and Child Health issues among tribal women living in urban areas of Gujarat- An observational mixed method community based study – ICMR supported research project

This is the research project delt with the migratory tribal population working in urban population. The study has identified the key vulnerable population which are neglected for various services. The common reason is the frequent seasonal migration. They are on no men's land area. So service gap was found. Also It was observed that home delivery is prevalent in 1 in 5 deliveries in tribal women. The reproductive tract problems like reproductive tract infections, urinary tract infections and menstrual problems were found in 22% of such group.

There are two papers published form this project as below

- a. Child Birth Practices and Utilization of Antenatal Care (ANC) Services Among Migrant Tribal Women in Urban Areas of Gujarat – available on link
<https://pmc.ncbi.nlm.nih.gov/articles/PMC10285261/>

- b. Prevalence of reproductive tract infection among tribal migrant women living in urban areas: a community-based cross-sectional study – available on link -
<https://www.sciencedirect.com/science/article/abs/pii/S0033350624003597>

2. Community behaviour and its determinants in relation to malaria prevention and control in Gujarat – ICMR-MERA supported project

It is a two years and nine months long project. The objectives of the project were

- a. To assess the key behavior of communities regarding prevention and control of malaria in selected high and low prevalence areas
- b. To identify the barriers and facilitators associated with these behaviors
- c. To conduct input and process evaluation of the existing behavioral change Communication intervention (BCCI) for prevention and control of malaria in the selected sites
- d. To formulate need based advocacy plan and recommend appropriate actions for all stakeholders towards strengthening BCCI.

The study was conducted in two phases. In phase-1 the descriptive study was conducted to understand the behavior of community for prevention and control of malaria. The study revealed findings like majority of household had bed nets to sleep but usage is only seasonal. Mosquito repellants was used by 40% and main use was coil. Traditional smoke of neem leaves was common still in practice. Almost one in four families did not use any protective measures. The knowledge of participants was quite good about cause, prevention of mosquito bite but practices had gaps. Information, Education and communication (IEC) material was not seen by many on ground. As the number of cases are declined in Gujarat the IEC budget and priority of district was found on back side. This might be risky to resurgence of malaria in state. Thus behavior is key to fight against malaria.

3. Epidemiological study of gestational diabetes mellitus and associated risk factors in tribal population of Chhotaudepur, Gujarat – ICMR supported project

This study is still ongoing. The objective of the project are

To study epidemiological characteristics of gestational diabetes mellitus in Tribal Population

To study prevalence of gestational diabetes mellitus in Tribal Population of Chhota Udepur District

To study associated risk factors of gestational diabetes mellitus

The study recruitment is over and going to over by Nov 2024. The analysis and outcome is still pending

Textbook Publication for students

The author has keen interest in academics with research. I have written three text books for allied health students.

1. Basic and Applied Sociology for Nurses 2023 - a textbook for nursing students and publisher is Walters Kluwer (India) Pvt Ltd

This is the textbook for first year nursing BSc students. They have subject Basic and Applied Sociology. The text book is written in consultation with various nursing faculties and syllabus at par to nursing council of India. The book has good response form students. The revised edition was launched last year as 3rd edition.

This book offers a comprehensive introduction to sociological concepts tailored for nursing students, aligned with the latest curriculum from the Indian Nursing Council (INC). The content bridges sociological theories with practical healthcare applications, aiming to enhance culturally competent, patient-centered care. Topics such as social structures, cultural diversity, healthcare systems, and health disparities are covered. It also addresses patient-provider relationships, empowering nurses to understand social dynamics and provide better care. The focus is on making nursing professionals more aware of how societal factors influence patient health outcomes and the healthcare environment

2. Sociology and Health for Health Professionals - a textbook for physiotherapy and nursing students and publisher is Walters Kluwer (India) Pvt Ltd

This is the second edition of my book. This edition was written for all health sciences students like nursing, physiotherapy, dental and paramedical. As all syllabus were targeted and compiled one book was written.

It was published in 2019 and still in market.

This text delves into the role of sociology within healthcare settings, aimed at multiple health disciplines beyond nursing. It explores the interaction between health, illness, and society, emphasizing the influence of socio-economic factors on public health outcomes. Through case studies and examples, it discusses how social norms, culture, and inequality impact patient behavior and healthcare access. The book encourages health professionals to adopt a holistic view when dealing with patients, considering both medical and social aspects to ensure effective healthcare delivery.

3. New Approach to Social and Preventive Pharmacy – a textbook for BPharm student new syllabus recently and publisher is PV Books Pvt Ltd.

This is textbook for pharmacy students. This book integrates social sciences with the field of pharmacy, targeting pharmacy students and professionals. It introduces concepts of preventive care within the context of pharmaceutical practice, focusing on how pharmacists can contribute to community health. Themes include public health promotion, the role of pharmaceuticals in disease prevention, and the importance of understanding patient behaviors within a social framework. The goal is to foster a patient-oriented approach in pharmacy, where professionals not only dispense medications but also engage actively in promoting healthy lifestyles and preventing illness.

The above all information is in brief and best of my knowledge. If require further information, I am ready to provide.

Dr. Niraj Pandit
Vadodara