

ISBN : 978-93-94293-68-7

E-PROCEEDINGS OF A ONE DAY INTERNATIONAL SEMINAR ON “NEW PARADIGMS IN HEALTH ECONOMICS”

December 11, 2025



DEPARTMENT OF ECONOMICS AND RESEARCH CENTRE
ADITANAR COLLEGE OF ARTS AND SCIENCE

(Re-Accredited in the Fourth Cycle with 'A' Grade by NAAC)
Virapandianpatnam - 628216, Tiruchendur
Tamilnadu, India
www.aditanarcollege.in



Proceedings of
A One day International Seminar on
“NEW PARADIGMS IN HEALTH ECONOMICS”

11th December 2025

ISBN: 978-93-94293-68-7



ORGANIZED BY

DEPARTMENT OF ECONOMICS AND RESEARCH CENTRE

ADITANAR COLLEGE OF ARTS AND SCIENCE
(Re-accredited in the Fourth Cycle with 'A' Grade by NAAC)
Virapandianpatnam- 628216, Tiruchendur
Tamil Nadu, India
www.aditanarcollege.com

**Proceedings of A One Day International Seminar on
"NEW PARADIGMS IN HEALTH ECONOMICS"**

11th December 2025

Edition : December 2025
ISBN : 978-93-94293-68-7
Editors : Dr. M. Ganesan
Dr. C. Sivamurugan
Mrs. M. Uma Jayanthi
Mrs. B. Priyadharshini
Copyright : Department of Economics and Research Centre
Aditanar College of Arts and Science
Virapandianpatnam- 628216, Tiruchendur
Publisher : INDIAN ACADEMIC RESEARCHERS ASSOCIATION
TIRUCHIRAPALLI-620021, TAMILNADU, INDIA
www.iaraindia.com

COPYRIGHT NOTICE

Written permission must be obtained from Department of Economics and Research Centre, Aditanar College of Arts and Science, Tiruchendur as copyright holder, prior to the reproduction of any part of this publication in any form or by means, electronic or mechanical including photocopying, recording or any information storage and retrieval system.



DISCLAIMER

The views and opinions presented in the research papers/articles published in the e-proceedings of a One Day International Seminar on "NEW PARADIGMS IN HEALTH ECONOMICS" organized by the Department of Economics and Research Centre, Aditanar College, Tiruchendur are solely attributable to the authors of the respective contributions. If these are contradictory to any particular person or entity, the Department of Economics and Research Centre, Aditanar College shall not be liable for the present opinions, inadequacy of information any mistakes or inaccuracies.

CONTENTS

S. No.	TITLE	PAGE NO.
1	Health and Hygiene in Old Ceylon (Sri Lanka) W. Wimalaratana R.P Subadarshini	1-8
2	New Paradigm in Health Economics Prof. Dr. R Nagarajan	9
3	Emerging Evidence in Health Economics Dr. A Sangamithra	10-15
4	Ayurvedic Medical Tourism in Kerala: An Analysis of Growth, Trends, and Future Prospects Dr. A. Sangamithra Aswathy	16-20
5	Exploring the Drivers of Institutional Delivery in Bihar: A Health Economics Approach Dr. Rosy Sulochana	21-26
6	Assessing the Economic Impact of AIDS/HIV in Andhra Pradesh: A Comprehensive Analysis of Healthcare Costs, Productivity Loss, and Socio-Economic Consequences Celluru Srinivas Uday Abhijit Dr. V. Bala Ruby	27-30
7	Status of Public Health in Sattankulam Taluk P. Chandra Dr. M. Ganesan	31-36
8	Evaluation of Healthcare Benefits Under Ayushman Bharat Scheme: Evidence From Tamil Nadu R.V. Thaewin Dr. C. Sivamurugan	37-44
9	Economic Impact of Healthcare Workforce Migration in Tamil Nadu: challenges and policy perspectives Dr. I. Noor Asma	45-48
10	Influence of Degraded Environments on Agriculture and Human Health Risks Mrs. M. Uma Jayanth Dr. P. Paulthangam	49-55
11	Household Health Expenditure and Patterns of Fitness Adoption in Thoothukudi District: A Cross-Sectional Analysis Mr. A. Dharmaperumal Dr. T. Babu Rajendra Prasad	56-62
12	Evaluating the Economic Efficiency of India's Ayushman Bharat – Pradhan Mantri Jan Arogya Yojana Scheme Dr. S. Raj Bino	63-72
13	Occupational Health Risks and Safety Gaps Among Salt-Pan Workers in Tamil Nadu: A Factor-Based and Structural Equation Modelling Analysis Mr. V. Arockia Amuthan Dr. I. Umadevi	73-79
14	Impact of Unhealthy Environment Ms. R.Geetha Ramani	80-83
15	Nutrition And Food Safety in Fast Food Consumption in Urban Cities Dr. R M.Meyyammai Dr.R M.Subramanian	84-87
16	Measuring Burden of Disease: The Concept of Qalys And Dalys Dr. T. Sasikala	88-92
18	Environmental Determinants and Their Role in Health Economic Policy Decisions J. Vannamuthu N.Suresh	93-97

PROCEEDINGS OF A ONE DAY INTERNATIONAL SEMINAR ON NEW
PARADIGMS IN HEALTH ECONOMICS

ISBN: 978-93-94293-68-7

**Assessing the Economic Impact of AIDS/HIV in Andhra Pradesh: A Comprehensive
Analysis of Healthcare Costs, Productivity Loss and Socio-Economic Consequences**

¹Chelluru Srinivas Uday Abhijit ²Dr. V. Bala Ruby

¹Ph.D Research Scholar, Vels Institute of Science, Technology and Advanced Studies,
Pallavaram, Chennai

²Research Supervisor & Assistant Professor, Department of Economics,
Vels Institute of Science, Technology and Advanced Studies, Pallavaram, Chennai

Abstract

HIV/AIDS continues to pose significant public health and economic challenges in Andhra Pradesh, one of India's historically high-prevalence states. Despite expanded access to free antiretroviral therapy (ART) and improved diagnostic services, the disease imposes a considerable financial burden on affected individuals, households, and the broader economy. This study provides a comprehensive assessment of the economic impact of HIV/AIDS in Andhra Pradesh by examining healthcare costs, productivity losses, and socio-economic consequences. Using secondary data from state health reports, NACO surveys, and published research, the analysis highlights that households continue to incur substantial direct and indirect costs, including expenditure on diagnostics, transportation, and income losses due to missed workdays. Furthermore, HIV/AIDS amplifies socio-economic vulnerabilities by increasing household debt, reducing children's school attendance, and exacerbating social stigma and exclusion. These consequences collectively reinforce the cycle of poverty among affected families. The findings underscore the need for stronger financial protection mechanisms, expansion of decentralized ART centres, community-based support systems, and targeted stigma-reduction efforts. Overall, the economic impact of HIV/AIDS in Andhra Pradesh is multidimensional, and an integrated, welfare-oriented policy approach is essential to mitigate both the monetary and social burdens of the disease.

Keywords: HIV/AIDS, healthcare costs, productivity loss, socio-economic impact, Andhra Pradesh.

Introduction

The AIDS/HIV epidemic will be the greatest public health concern for Andhra Pradesh which will change the socioeconomic narrative for the region. As per Jagannadha Puri et al. (2022), AIDS/HIV incidence in Andhra Pradesh has become a significant public health issue as a larger share of the total incidence of AIDS/HIV in India has been reported from this state. According to NACO data, an estimated 8.3% of the population with HIV in India lives in Andhra Pradesh which makes it a public health issue worthy of acknowledgment. There is general concern among governments and health organizations to prevent these numbers from growing. Therefore, such findings not only necessitate healthcare intervention but also have an indirect socioeconomic impact on those most vulnerable to it. Vulnerability makes them susceptible, and vice versa.

There are direct costs when considering AIDS/HIV as an economic epidemic which is a healthcare-based impact, but more indirect costs which are generalized socioeconomic impacts that disseminate through community and state. According to Sahu et al. (2020), disease and poverty go hand-in-hand for regions often linked to HIV/AIDS; however, HIV/AIDS brings about stigma and discrimination which renders a lower labor force participation rate while simultaneously lowering productivity as morbidity/mortality rates are higher for those of working age. For instance, younger and older dependents must care for

