

GETA Young Scientist

Samsya Khoj Contest 2025

31.05.2025

Result	Consolation 03
Problem Title	Bridging the Knowledge Gap in Newborn Care: A Comprehensive Digital Guide for First-Time and Underprivileged Mothers
Problem Description	<p>The myth is that nursing comes naturally. While the journey of parenthood is undoubtedly rewarding, it is also filled with challenges, particularly for new and inexperienced guardians. Many parents experience immense pressure to provide the best care for their newborns, often feeling overwhelmed by the responsibility. This pressure is further amplified in low-income and unprivileged communities, where access to reliable healthcare information and resources is limited.</p> <p>One of the major concerns is that many parents rely on traditional childcare methods that have been passed down for generations. While some of these practices may be beneficial, others can be outdated, unhygienic, or even harmful to the child's health. According to the World Health Organization (WHO), nearly 2.4 million newborns die each year globally, with a significant proportion of these deaths resulting from preventable causes such as infections, inadequate nutrition, and lack of essential newborn care. Additionally, studies indicate that nearly 75% of neonatal deaths occur within the first week of life, emphasizing the critical need for proper guidance and support during this period.</p> <p>To ensure the well-being of every newborn, it is crucial to provide parents with accurate, accessible, and scientifically backed information. All newborns require essential newborn care, including proper nutrition, hygiene, vaccination, and healthcare access, to minimize the risk of illness and maximize their overall growth and development. Mumमाँ App can play a transformative role in bridging the knowledge gap, empowering parents—especially those from underprivileged backgrounds—with the right tools to ensure their child's well-being.</p>
Affected Audiences	The affected audience are the new and inexperienced parents, particularly those from underprivileged communities who may lack access to reliable childcare resources. This includes first-time mothers, single fathers, guardians, and caregivers who need guidance on early childhood development.
Impact Size	Hundreds and more
Location	Universal
Scope	National
Place	At home
Occurrence	Frequently
Life risk involved?	No
Financial loss or Saving potential	Thousands or less

<i>Result</i>	Consolation 03
<i>Student</i>	SANCHI BANSAL , 11th Class
<i>School</i>	DARBARI LAL DAV MODEL SCHOOL , New Delhi District, Delhi
<i>Guide Teacher</i>	CHARU DHODI

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