



स्वामी राम हिमालयन विश्वविद्यालय
Swami Rama Himalayan University



Workshop on

Building Better Evidence Through Robust Research Methodology cum Granting Writing: 02

9th – 10th February 2024

Jointly Organized by

**Research and
Development Cell &
Himalayan Institute of Medical Sciences**

**Swami Rama Himalayan University
Jollygrant, Dehradun, Uttarakhand**



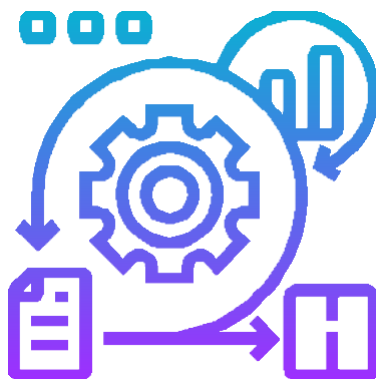
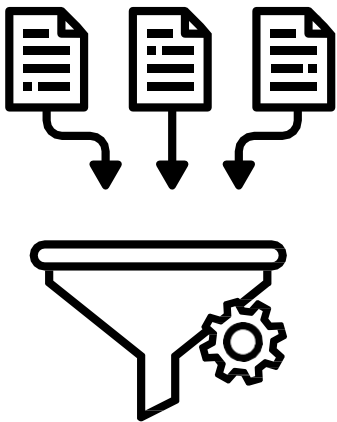
Venue:

Yamuna (Dunagiri) Hall, Rural Development Institute

Objectives of the workshop



- *Enhance understanding of robust research methodologies*
- *Explore methods for ensuring validity and reliability of research findings*
- *Discuss techniques for minimizing bias in research design and data collection*
- *Foster collaboration and knowledge sharing among researchers*
- *Provide practical tools and resources for improving research practices*
- *Promote critical thinking and analytical skills in research interpretation*
- *Understanding the grant funding landscape*
- *Crafting a compelling proposal*



About the Resource Persons:

Prof. Joseph L. Mathew, is a dedicated Professional associated with the Department of Paediatric at the renowned Postgraduate Institute of Medical Educational and Research (PGIMER) in Chandigarh India. His professional qualifications include MD in Paediatric and PhD, Clinical fellowship in Pediatric Respiriology. Dr. Joseph's expertise lies in Pediatrics, with a specialized focus on Pediatric Respiriology. He possesses comprehensive knowledge and skills in diagnosing and treating respiratory disorders in children, ensuring optimal care and outcomes for young patients. Throughout his career, Joseph has made significant contributions to the field of pediatric medicine. With a keen interest in research, Joseph has dedicated himself to advancing the understanding of pediatric respiratory diseases. His research efforts aim to improve diagnostic techniques, treatment modalities, and overall outcomes for children with respiratory conditions.



Prof. Deepak Chawla, is a distinguished member of the Department of Neonatology at the esteemed Government Medical College & Hospital, Chandigarh, India. Within the Department of Neonatology, Dr. Chawla serves in a pivotal capacity, contributing his expertise to the care of newborns and infants. His role involves providing specialized medical care to newborns, particularly those with complex medical needs or requiring intensive care. His clinical expertise encompasses a wide range of neonatal conditions, including prematurity, respiratory distress syndrome, congenital anomalies, and neonatal infections. Dr. Chawla is committed to advancing medical knowledge in the field of neonatology through research and scholarly activities. He participates in research initiatives aimed at improving neonatal outcomes, exploring new treatment modalities, and addressing key challenges in neonatal healthcare



Dr. Arun Khemariya, Dynamic leader and accomplished professional, Dr. Arun Khemariya, brings a wealth of expertise as the Lead in Content Strategy, Health Technology, and Clinical Solutions at Elsevier. Armed with an MBBS from G.R Medical College and an MBA from Symbiosis International University, Dr. Khemariya excels in leading content transformation initiatives, ensuring the relevance and accuracy of content in Clinical Solution products. He is dedicated to supporting sales teams in engaging with external clinical stakeholders, advocating value-based sales, and serving as a key liaison between Elsevier Clinical Solutions teams, global product teams, clients, and project implementation team members.



Program Schedule (Day 1): 9th February 2024

Time	Topic	Faculty
09:00-09:04	Welcome Address & Introduction to Resource Faculty	Dr. A.K Srivastava
09:05-09:09	Workshop Overview	Dr. Bindu Dey
09:10-09:15	Address	Dr. Ashok Deorari
09:16-09:30	Welcome Outline of the Workshop	Dr. Joseph L Mathew
09:31-09:59	Ingredients of a research study	Dr. Joseph L Mathew
10:00-10:04	Discussion	
10:05-10:24	Framing research questions	Dr. Deepak Chawla
10:25-10:30	Discussion	
10:31-10:45	Literature searching	Dr. Ashwini Bhatt
10:46-10:50	Discussion	
10:51-10:59	Tea break	
11:00-11:20	Overview of study designs	Dr. Joseph L. Mathew
11:21-11:29	Discussion	
11:30-12:00	Cohort study	Dr. Deepak Chawla
12:01-12:14	Discussion	
12:15-12:45	Randomized controlled trial	Dr. Joseph L Mathew
12:46-12:59	Discussion	
13:00-13:55	Lunch Break	
14:00-14:30	Practical exercise I: Framing questions	All Faculty All participants
14:31-14:59	Participant presentations: Research question	All Faculty All participants
15:00-15:20	Case control study	Dr. Deepak Chawla
15:21-15:29	Discussion	
15:30-15:55	Tea break	
16:00-16:30	Diagnostic test	Dr. Joseph L. Mathew
16:31-16:44	Discussion	
16:45-17:14	Data, Data handling, Data presentation	Dr. Deepak Chawla
17:15-17:30	Discussion	

Program Schedule (Day 2): 10th February 2024

Time	Topic	Faculty
09:00-09:30	Practical exercise II: Choosing study design(s)	All Faculty All participants
09:31-09:59	Participant presentations: Choosing study design	All Faculty All participants
10:00-10:30 10:31-10:44	Sample size calculation Discussion	Dr Deepak Chawla
10:45-11:10	Tea break	
11:15-11:40 11:40-11:50	Introduction to statistical tests Discussion	Dr Deepak Chawla
11:50-12:20	Quality Improvement as an alternative to thesis	Dr. Ashok Deorari
12:20-12:40 12:41-12:50	Building better evidence through robust research methodology Discussion	Dr. Joseph. L. Mathew
12:51-12:59	The way forward	Dr. Joseph. L. Mathew
13:00-14:00	Lunch Break	
14:00-16:30	How to write a research grant	Dr. Arun Khemariya

Organizing Team



Chief Patron
Dr. Rajendra Dobhal
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Organizing Chairperson
Dr. Bindu Dey
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Convenor
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Principal,
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Workshop Coordinators



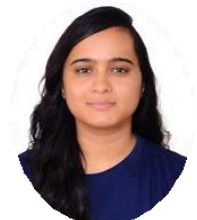
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