

# Online Certification

**SHILPA MAHADEV KENDRE**

**has successfully completed**

**Ethics Review of Health Research**  
(NIE-ICMR e-Certificate course: NleCer 102)



**Dr. Manoj V Murhekar**

Director and Scientist G  
ICMR-National Institute of Epidemiology Department of Health Research and Director General,  
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**Dr. Rajiv Bahl**

Secretary to Government of India,  
Indian Council of Medical Research  
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Ex-Addl. Director General,  
Indian Council of Medical Research  
New Delhi, India



**Dr. Madhur Gupta**

Technical Officer- Pharmaceuticals  
WHO Country office for India  
New Delhi, India

**General ethical principles**

Introduction to health research ethics

International guidelines on ethical conduct of health research

National ethical guidelines for biomedical and health research involving human participants

National ethical guidelines for biomedical research involving children- An overview

Benefits and risks in health research- Principles, types, and categories

**Responsible conduct of research**

Responsibilities of a researcher

Rights and duties of researchers, sponsors, participants and IEC members under the Indian Constitution

Collaborative research

Academic/ investigator initiated clinical trials

Good clinical practices & Clinical trial registry of India

Regulations and guidelines for conduct of clinical trials in India

**Functioning of ethics committees**

Establishment of ethics committees

Administration of research ethics committees

Roles and responsibilities of ethics committee members

Monitoring ongoing research by ethics committees

**Review of research proposals**

Conduct of research ethics committee review meeting

Conflicts of interest

Rationale and science of the research proposal

Risk Benefit assessment process

**Protection of research participants**

Protection of privacy and confidentiality of research participants

Critical importance of informed consent in health research

Informed consent process

Informed consent in special situations

Payments- Incentives, compensation, and reimbursement

Vulnerable populations

Research during humanitarian emergencies and disasters

# CERTIFICATE OF COMPLETION

This certificate is awarded to

**SHILPA MAHADEV KENDRE**

for successfully completing the online course,

**"Introduction to Systematic Reviews for Dental Health Professionals"**

**June 2023**

with a score of 83%



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**Dr. Rizwan S. A.**  
Course Coordinator  
Scientist – D, ICMR-NIE



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**Dr. Manoj V Murhekar**  
Director  
ICMR-NIE



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**Dr. Bhavani Shankara B**  
Scientist – E  
ICMR-NIE

