

**‘Support to Indian Institutes for imparting training’ to the Faculty of Medical Colleges/
Research Institutes under Human Resource Development Scheme of Department of
Health Research**

1. Area of Training: **Good Laboratory Practice (GLP)**

2. Name of the Institution and contact details:

Indian Institute of Public Health – Bhubaneswar

Public Health Foundation of India (PHFI)

2nd and 3rd floor, JSS Software Technology Park

E1/1, Infocity Road, Patia,

Bhubaneswar – 751024, Odisha

3. (a) Name of the Principal Investigator and contact details

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(b) Name of the Co- Investigators and contact details

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4. Training Module

Programme -Duration of the training- Minimum 4 weeks/1 month

I. Introduction

Good laboratory practice (GLP) is the cornerstone of laboratory based activities and encompasses resources, protocols, characterization, results and quality assurance. Realizing the importance of bringing this necessity into practice, Public Health Foundation of India (PHFI) in able support of Indian Council of Medical Research (ICMR) is offering this tailor-made distance learning course.

II. Aim of the program

Equipping participants with appropriate knowledge, skills and attitudes to undertake general and quality management of laboratory practices and procedures, and will be able to adequately address and prevent diagnostic errors and improve the overall delivery of health care services in their facilities/organizations.

III. Existing faculty members, their details, positions, available with the institution for imparting training programme.

Sl. No.	Faculty - Name and designation	Research interest of faculty
1	Dr. Sanghamitra Pati Additional Professor, IIPH-B, Bhubaneswar, Odisha	Public Health Laboratory practice & Research Ethics
2	Dr. Dilip Kumar Das Assistant Professor, Department of Pathology Hi-Tech Medical College and Hospital, Bhubaneswar, Odisha	Quality Clinical Laboratory Management (Pathology)
3	Dr. Pritilata Panda Associate Professor, Department of Microbiology MKCG Medical College and Hospital, Berhampur, Odisha	Quality Clinical Laboratory Management (Microbiology)
4	Prof. Srikrushna Mohapatra Head, Dept. of Biochemistry SCB Medical College and Hospital, Cuttack, Odisha	Quality Clinical Laboratory Management (Biochemistry)
5	Dr Subrata Kumar Palo Associate Professor, IIPH-B, Bhubaneswar, Odisha	Laboratory safety
6	Dr. Soumyaswaroop Sahoo Lecturer, IIPH-B, Bhubaneswar, Odisha	Surveillance & supportive supervision

7	Dr. Subhashisa Swain Tutor, IIPH-B, Bhubaneswar, Odisha	Public Health Laboratory practice (Outbreak investigation and environmental analysis)
8	Dr. Meely Panda Assistant Professor, Department of Community Medicine KIMS, Bhubaneswar, Odisha	Public Health Ethics
9	Dr. Barna Ganguly Professor & Head Department of Pharmacology, & Head, UNESCO Bioethics Unit, Gujarat International Network of UNESCO Bioethics Chair P.S.Medical College, Karamsad , Anand, Gujarat	Medical Ethics
10	Dr. Sitanshu Shekhar Kar Associate Professor Department of Community Medicine JIPMER, Puducherry	Public Health Ethics

IV. Available infrastructure facilities

IIPH-B has a Learning Management System (LMS): In this method students are provided with credential to access their account through web. Students can view/upload their study materials of enrolled courses at their convenient time, can submit assignment.

Student can open and join in discussion forum on various topics related to courses. Annual examinations are also conducted and evaluate through this platform.

- Self-service portal to deliver and access learning materials
- Centralized and automated administration
- Forum to discuss curriculum topics
- Online examination, assignments and download

V. Training schedule with elaborate details day wise or week wise along with the topic.

Sl No.	Topic	Duration
1	Introduction to Laboratory Management and Standards of Laboratory Practice	1 week
2	Systematic Approach to Sample Collection, Processing and Management	2 weeks
3	Systematic Approach to Laboratory Processes (SOP)	2 weeks
4	Laboratory Infrastructure , Resources and Commodity Management	1 week
5	Laboratory Quality Management Systems (quality manual, external and internal quality control, quality indicators, accreditation, quality assurance)	1 week
6	Laboratory Human resource Management and Performance Management Supportive Supervision	1 week
7	Laboratory Management Information Systems	1 week
8	Interface with clinicians and health staff Laboratory Ethics & Laboratory Safety	1 week
9	Public Health Ethics	2 weeks
10	Medical Ethics	2 weeks

VI. Relevance in public health

It is a necessity for any professional laboratory wishing to gain and retain the respect of its employees, clients, regulators, competitors and has enormous implications in improving and standardizing the quality of healthcare delivery and health research. Thus, the course is very relevant to address this niche of public health.

5. Eligibility Conditions

The participants should have qualification in health sciences and either working in laboratories or supervising/managing clinical and/or public health laboratories.