

**Odisha University of Health Sciences  
Dhanwantari Bhavan, Bhubaneswar, Odisha**

**LOG BOOK  
For  
POST GRADUATE STUDENTS**

**Department of: RESPIRATORY MEDICINE**

**Name of the Institution:** \_\_\_\_\_

**Prepared by:  
Log book Committee (Broad Specialties) 2023  
OUHS, Bhubaneswar**

**ODISHA UNIVERSITY OF HEALTH SCIENCES,  
DHANWANTARI BHAVAN, BHUBANESWAR.**

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**Name of the Institution:** \_\_\_\_\_

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# **CERTIFICATE**

This is to certify that, this logbook contains bonafide work of

**Dr. \_\_\_\_\_, a Post-**  
Graduate student of the Department of **RESPIRATORY MEDICINE** of  
\_\_\_\_\_, Odisha for the  
session \_\_\_\_\_.

Date:

**Post Graduate Guide**

**Head of the Department**

**Dean & Principal**

## **GENERAL INSTRUCTIONS:**

This log book is intended to be a record of all activities of Post-graduate students, as they perform and participate in the course, including training.

1. It shall solely be the responsibility of student to ensure that the scanned copy of relevant document is kept in his folder in the department.
2. Monthly back up of the same folder is to be maintained in the form of CD and kept with the student.
3. All the activities of the Post-Graduate student should be recorded in the e-Logbook on day to day basis using the appropriate appraisal sheets(s)
4. Each student shall enter his leave record in the concern section immediately after returning from the leaves.
5. The learners feedback form should be filled up before submitting the log book for the University Examination. It is expected that students give their feedback with all seriousness and help the university in improving and strengthening the Postgraduate education.
6. Submission of Logbook: The log book shall be submitted Bonded (no spiral binding) in hardcover to the department before the commencement of final University Theory examination.
7. INSTRUCTIONS FOR FILLING THE LOG BOOK:

<b>Please Note: All assessments would be in Likert's 5-points scale/score:</b>	
<b>Score</b>	<b>Interpretation</b>
0	Poor
1	Below average
2	Average
3	Good
4	Very good

- a. All entries should be filled up properly entered and duly signed from the Supervisor / Unit In charges / Guide / HOD, as required.
- b. Under Instructions from Head of Department, suitable corrections can be incorporated.
- c. Research participation pertaining to Conferences, Poster / Oral presentation and publication shall be entered directly in Consolidated Term ending appraisal research sheet.
- d. At the end of training, it's mandatory to fill up the feedback form and submit to Postgraduate Office.
- e. It is an integral part of practical evaluation in the University examination.
- f. After the practical examination it shall be returned back to the student.
- g. It shall be responsibility of HOD to ensure all students maintain their log books in orderly manner.
- h. There would be periodic evaluation regarding maintenance of log book by Postgraduate education office, and in case of any deficiency, the student would be responsible and suitable action may be taken against them for the same.

## **PERSONAL PROFILE OF THE STUDENT:**

Name:		
Address:		
E-mail ID:		
Phone No.:		
DOB (dd/mm/yy):		
Blood group:		
Vaccination status:		
<b>Paste your PP size Photograph</b>		

<b>Registration Number:</b>	<b>Name of the Medical Council:</b>	<b>Valid up to:</b>

<b>Qualification Details</b>	<b>College</b>	<b>University</b>	<b>Month &amp; Year of completion</b>
MBBS			

### **Experience before joining:**

<b>Designation</b>	<b>Department</b>	<b>Institution</b>	<b>From</b>	<b>To</b>

**Date:**

**Signature of the PG student**

## **COURSE DETAILS:**

Degree / Diploma			
Date of Joining		Date of completion	

**Details of Postings [as per Curriculum by NMC]:**

## **PARTICIPATION IN RESEARCH METHODOLOGY TRAINING:**

<b>Name of the Institution</b>	<b>From</b>	<b>To</b>	<b>Signature of the Guide / HOD</b>

## **BCBR Course**

Name of the institute	Date of registration	Date of the examination	Date of publication of result	Signature of the HOD

## **PARTICIPATION IN BCME TRAINING:**

Name of the Institution	From	To	Signature of the HOD

## **PARTICIPATION IN BLCS / ACLS TRAINING:**

Name of the Institution	From	To	Signature of the HOD

**LEAVE RECORD:**

<b>Total No. of Leaves</b>				
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**Signature & Seal of the Head of Department**

**DETAILS OF PARTICIPATION IN ACADEMIC PROGRAMS:**

<b>SI. No.</b>	<b>Date</b>	<b>Name of the Academic Program</b>	<b>International / National / State / Institutional Event</b>	<b>Organized by</b>	<b>Nature of participation [Delegate / Presentation if any]</b>	<b>Initials of the HOD</b>

**PUBLICATIONS**

Title:	
Authors:	
Name of the journal:	
Indexed in [NMC approved agency only]:	
Status of publication:	
Citation if published:	
Title:	
Authors:	
Name of the journal:	

Indexed in [NMC approved agency only]:	
Status of publication:	
Citation if published:	
Title:	
Authors:	
Name of the journal:	
Indexed in [NMC approved agency only]:	
Status of publication:	
Citation if published:	

**Internal Assessment Results:**

Year		Theory [100]	Practical/Clinical/Oral [100]	Total out of 200 [%]
1 <sup>ST</sup>	I			
	II			
	III			
2 <sup>ND</sup>	I			
	II			
	III			
3 <sup>RD</sup>	I			
	Prelims			

Date:

**Signature & Seal of the Head of Department**

## **DETAILS OF THE DRP SCHEDULE [AS PER CURRICULUM BY NMC]:**

Name of the Institution	Year of PGT	From	To	Duration









## **REFLECTIONS**

**CERTIFICATE OF COMPLETION OF DISTRICT RESIDENCY PROGRAM**

It is certified that Dr. \_\_\_\_\_ has satisfactorily completed the District Residency program w.e.f. \_\_\_\_\_ to \_\_\_\_\_. During his/her District Residency Program training at \_\_\_\_\_. District, his / her performance has been reported to be \_\_\_\_\_.

**Department:**

**Date:**

**Place:**

**Signature of Guide / Mentor**

**Signature of Head of Department**

**Signature of District Residency Program Coordinator**

**Signature of Medical Superintendent**

**Signature of Dean and Principal**

**STRUCTURED TRAINING PROGRAM:**

Teaching learning methods:

1. Lectures: at least 10 per year.
2. Journal club: once in 1 – 2 weeks.
3. Student Seminar [Topic]: once in 1 – 2 weeks.
4. Laboratory work / Bedside Clinic: once in 1 – 2 weeks.
5. Interdepartmental colloquium [other department/s on topics of current/common interest]: once monthly.

### **Postgraduate teaching programme**

#### **Teaching methodology**

This should include regular bedside case presentations and demonstrations, didactic lectures, seminars, journal clubs, clinical meetings, and combined conferences with allied departments. The post graduate student should be given the responsibility of managing and caring for patients in a gradual manner under supervision.

#### **Formal teaching sessions**

In addition to bedside teaching rounds, at least 5-hr of formal teaching per week are necessary. The departments may select a mix of the sessions, as given under formative assessment. Further, the student should:

- Attend accredited scientific meetings (CME, symposia, and conferences).
- Attend additional sessions on resuscitation, basic sciences, biostatistics, research methodology, teaching methodology, hospital waste management, health economics, medical ethics and legal issues related to medical practice are suggested.
- There should be a training program on Research methodology for existing faculty to build capacity to guide research.
- The postgraduate students shall be required to participate in the teaching and training programme of undergraduate students and interns.
- A postgraduate student of a postgraduate degree course in broad specialities/super specialities would be required to present one poster presentation, to read one paper at a national/state conference and to present one research paper which should be published/accepted for publication/sent for publication during the period of his postgraduate studies so as to make him eligible to appear at the postgraduate degree examination.
- **Log book:** During the training period, the post graduate student should maintain a Log Book indicating the duration of the postings/work done in Wards, OPDs and Casualty. This should indicate the procedures assisted and performed, and the teaching sessions attended. The Log book shall be checked and assessed periodically by the faculty members imparting the training.
- Department should encourage e-learning activities.

#### **Thesis**

All MD (Pulmonary Medicine) post graduate students should carry out work on an assigned topic under the direct guidance of a recognised post graduate teacher. A written protocol of the proposed work should be submitted before the end of the first 6 months. Subsequently, the post graduate student should carry out the proposed work for at least 1 year (not inclusive of the period for submitting the protocol and writing-up the final thesis).

**During the training programme, patient safety is of paramount importance therefore, skills are to be learnt initially on the models, later to be performed under supervision followed by performing independently. For this purpose, provision of skills laboratories in medical colleges is mandatory.**

UG Teaching:








<b>Evaluation of JOURNAL REVIEW PRESENTATION:</b> <b>Guidelines for evaluation of Journal Review Presentation</b>	
<b>SI. No.</b>	<b>Points to be considered</b>
1	Article chosen is relevant and appropriate
2	Extent of understanding of scope & objectives of the paper by the candidate
3	Whether understood the Material, Methods, Observation and statistical analysis
4	Whether cross references have been consulted
5	Ability to respond to questions on the paper / subject
6	Ability to analyse the paper and co-relate with the existing knowledge
7	Ability to defend the paper
8	Clarity of presentation

Corollary Grading in all checklists: Poor-0, Satisfactory-1, Average-2, Good-3, Very Good-4.





<b>Evaluation of LABORATORY WORK / BEDSIDE CLINIC:</b> <b>Guidelines for evaluation of Laboratory work / Interactive slide &amp; gross seminar</b>	
<b>SI. No.</b>	<b>Points to be considered</b>
1	Clarity of Presentation
2	Completeness of history
3	Ability to arrive at a differential diagnosis & diagnosis
4	Ability to defend the diagnosis
5	Ability to answer questions
6	Understanding of subject

Corollary Grading in all checklists: Poor-0, Satisfactory-1, Average-2, Good-3, Very Good-4.

<b>SI. No.</b>	<b>Date</b>	<b>Topic</b>	<b>Presented / Participated</b>	<b>Average Grade*</b>	<b>Name of the Moderator</b>	<b>Initials of the Moderator</b>





## **Evaluation of INTERDEPARTMENTAL COLLOQUIUM:**

## Guidelines for evaluation:

SI. No.	Points to be considered
1	Completeness of history
2	Clarity of presentation
3	Logical order
4	Accuracy of general physical examination
5	Diagnosis
6	Ability to defend diagnosis
7	Ability to justify differential diagnosis
8	Ability to plan management of the case

Corollary Grading in all checklists: Poor-0, Satisfactory-1, Average-2, Good-3, Very Good-4.






### **THESIS**

(To be submitted be for registration of the demonstration topic within six months from the date of joining into the course.)

Title of the Topic:

Name of the Guide:

Name of the Co-guide(s) if any:

<b>Guidelines for evaluation of Thesis</b>				
<b>Sl. No.</b>	<b>Points to be considered</b>			
1	Interest shown in selecting a topic			
2	Appropriate review of literature			
3	Discussion with guide and other faculty			
4	Quality of protocol			
5	Preparation of proforma			

Corollary Grading in all checklists: Poor-0, Satisfactory-1, Average-2, Good-3, Very Good-4.

<b>Evaluation of Thesis [Synopsis]:</b>				
<b>Sl. No.</b>	<b>Date</b>	<b>Average Grade*</b>	<b>Name of the Faculty &amp; Designation</b>	<b>Initials of the Faculty</b>

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### **THESIS WORK**

(To be filled before submitting the Thesis to the University & retained in this book)

Name of the Topic:

Name of the Guide:

Date of Allotment:

Date of Registration of Thesis Topic:

Date of 1<sup>st</sup> review:

Date of 2<sup>nd</sup> review:

Date of 3<sup>rd</sup> review:

Date of 4<sup>th</sup> review:

Date of approval of the Thesis:

Date of Submission of Thesis:

**Signature of the Candidate:**

**Signature of the Guide:**

### **PERIODIC EVALUATION OF THESIS WORK**

<b>Guidelines for periodic evaluation of Thesis</b>	
<b>SI. No.</b>	<b>Points to be considered</b>
1	Periodic consultation with guide / co-guide
2	Regular collection of case material

3	Depth of analysis / discussion					
4	Departmental presentation of findings					
5	Quality of final output					
6	Others					
Corollary Grading in all checklists: Poor-0, Satisfactory-1, Average-2, Good-3, Very Good-4.						
<b>Evaluation of Thesis:</b>						
Date of the review	Average Grade*	Name of the members of the review committee	Initials of the Guide			
12 <sup>th</sup> month						
18 <sup>th</sup> month						
24 <sup>th</sup> month						
30 <sup>th</sup> month						

## COMPETENCIES TO BE LEARNT:

**At the end of the course, the student should acquire following clinical skills and be able to:**

1. Interview the patient, elicit relevant and correct information and describe the history in chronological order.
2. Conduct clinical examination, elicit and interpret clinical findings and diagnose common pulmonary disorders and emergencies.
3. Perform simple, routine investigative and office procedures required for making the bedside diagnosis, especially sputum collection and examination for etiologic organisms especially acid fast bacilli (AFB), interpretation of the chest x-rays and lung function tests.
4. Interpret and manage various blood gases abnormalities in various pulmonary diseases.
5. Develop management plans for various pulmonary diseases.
6. Assist in the performance of common procedures, like bronchoscopic examination, pleural aspiration and biopsy, pulmonary physiotherapy, endotracheal intubation and pneumo-thoracic drainage / aspiration etc.
7. Recognize emergency situations in intensive care, respond to these appropriately and perform basic critical care monitoring and therapeutic procedures.
8. Collect, compile, analyse, interpret, discuss and present research data.
9. Teach pulmonary medicine to undergraduate and postgraduate students.

To acquire the above skills, the student should be exposed and trained in the following tests and procedures:

### 1. Diagnostic tests: performance and interpretation

- a. Sputum and other body fluids examination with zn stain for afb, culture methods for pathogenic bacteria, fungi and viruses
- b. Newer diagnostic techniques for tuberculosis including molecular techniques
- c. Fnac of lung masses (blind and image-guided)
- d. Arterial blood gas analysis and pulse oximetry
- e. Imaging: interpretation of plain radiography, ultrasound examination,computed tomogram, pet scan, mri
- f. Sputum cytology

- g. Simple haematological tests
- h. Immunological and serological tests
- i. Polysomnography (full-night and split-night studies) including cpap titration; evaluation of daytime sleepiness
- j. Cardiopulmonary exercise testing
- k. Pulmonary function tests and interpretation (spirometry, lung volume, diffusions, body plethysmography, other lung function tests)
- l. Bronchoprovocation tests
- m. Bcg vaccination
- n. Mantoux testing; interferon gamma release assays
- o. Bronchoscopy: fibreoptic/rigid, diagnostic and therapeutic
- p. Ecg, 2d and doppler echocardiography
- q. Venous doppler ultrasound
- r. Skin tests for hypersensitivity
- s. Sputum induction and non-invasive monitoring of airway inflammation
- t. Medical thoracoscopy

## 2. Therapeutic procedures

- a. Fine needle aspiration and other guided procedures
- b. Tube thoracostomy
- c. Cardiopulmonary rehabilitation exercises
- d. Postural drainage
- e. Pleural biopsy, lymph node biopsy
- f. Administration of inhalation therapy
- g. Administration of oxygen therapy
- h. Administration of continuous positive airway pressure (CPAP)/bilevel positive airway pressure (BIPAP)
- i. Monitoring and emergency procedures in intensive care

Sl. No.	Competency addressed	Nature of Activity	Level of competency achieved			Signature of the Faculty
			O	PS	PI	
<b>O – Observed, PUS – Performed under supervision, PI – Performed independently</b>						












### **FEEDBACK BY THE STUDENT**

(To be filled up at the time of filling of exam. Forms and in a sealed envelope addressed to Director Medical Education and Training, Bhubaneswar. It will be opened only after you have passed.)

Name of Student:

Department:

Period of study: From to

Due date of examination: Winter/Summer

Date of submission of

Thesis/Topic:

Name of Guide:

Name of H.O.D.:

- i. Do you think that your goal of post-graduate education in your subject achieved. Yes/No
- ii. Do you think that you have been trained adequately by the department in
  - a. Professional experience Yes/No
  - b. Academic teaching Yes/No
  - c. Recent advances Yes/No
  - d. Exposure to specialist from outside the institution Yes/No
  - e. Interaction with patient. Yes/No
  - f. Interaction with colleagues Yes/No
  - g. Interaction with seniors Yes/No
  - h. Thesis/Reserach Yes/No
  - i. Article preparation Yes/No
  - j. Workshop Yes/No
  - k. Conferences Yes/No
  - l. C M E Yes/No
- iii. Do you think that you have been trained as fairly competent consultant. Yes/No
- iv. Were you harassed by guide during the training: Yes/No, if yes Name & Type:
- v. What was attitude of HOD:
- vi. What was attitude of other staff members:
- vii. Were you forced for anything by anybody: Money/Tuition/Gifts/Other/None, if yes then by Whom:
- viii. Any comment about interaction with other depts./colleague: Staff from:

- ix. Reflection about non-teaching staff.
  - a. Department
  - b. Dean's office
  - c. Accounts Section
  - d. Others
- x. Hostel:
- xi. Extra-curricular activity
  - a. Sports
  - b. Cultural
- xii. Teaching aids:
- xiii. Library:
  - a. Central
  - b. Department
- xiv. Deficiencies you would like to point out particularly:
- xv. Brief comments:

**Postgraduate Students Appraisal Form****Annexure 1****Pre / Para /Clinical Disciplines****Name of the Department/Unit :****Name of the PG Student** :**Period of Training** : **FROM.....TO.....**

<b>Sr. No.</b>	<b>PARTICULARS</b>	<b>Not Satisfactory</b>			<b>Satisfactory</b>	<b>More Than Satisfactory</b>	<b>Remarks</b>			
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>
<b>1.</b>	<b>Journal based / recent advances learning</b>									
<b>2.</b>	<b>Patient based /Laboratory or Skill based learning</b>									
<b>3.</b>	<b>Self directed learning and teaching</b>									
<b>4.</b>	<b>Departmental and interdepartmental learning activity</b>									
<b>5.</b>	<b>External and Outreach Activities / CMEs</b>									
<b>6.</b>	<b>Thesis / Research work</b>									
<b>7.</b>	<b>Log Book Maintenance</b>									

**Publications** **Yes/ No****Remarks\*** \_\_\_\_\_

**\*REMARKS:** Any significant positive or negative attributes of a postgraduate student to be mentioned. For score less than 4 in any category, remediation must be suggested. Individual feedback to postgraduate student is strongly recommended.

**SIGNATURE OF ASSESSEE** **SIGNATURE OF CONSULTANT** **SIGNATURE OF HOD**