

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.**

**LOG BOOK
for
POST GRADUATE STUDENTS**

Department of: RESPIRATORY MEDICINE

Name of the Institution: _____

INDEX		
Sl. No.	Title	Page No.
1	Certificate	
2	General Instructions	
3	Personal profile of the student	
4	Course details	
5	Training details: Research methodology, MET, BLCS, ACLS	
6	Leave record	
7	Academic participation & Publications	
8	Internal Assessment	
9	District Residency Programme	
10	Structured training program schedule	
11	Students seminar	
12	Journal review	
13	Laboratory work	
14	Interdepartmental colloquium	
15	UG teaching	
16	Thesis work	
17	Competencies to be learnt	
18	Competency evaluation sheets	
19	Students feedback	
20	NMC Students Appraisal form	

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:

Please Note: All assessments would be in Likert's 5-point scale/score:	
Score	Interpretation
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:		Paste your PP size Photograph
Address:		
E-mail ID:		
Phone No.:		
DOB (dd/mm/yy):		
Blood group:		
Vaccination status:		

Registration Number:	Name of the Medical Council:	Valid up to:

Qualification Details	College	University	Month & Year of completion
MBBS			

Experience before joining:

Designation	Department	Institution	From	To

Date:

Signature of the PG student

COURSE DETAILS:

Degree / Diploma			
Date of Joining		Date of completion	

Details of Postings [as per Curriculum by NMC]:

Unit / Specialty / Section	Year of PGT	From	To	Duration

Name of the Institution	From	To	Signature of the Guide / HOD

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

Name of the Institution	From	To	Signature of the HOD

Name of the Institution	From	To	Signature of the HOD

[illegible]

Total No. of Leaves				
--------------------------------	--	--	--	--

Signature & Seal of the Head of Department

DETAILS OF PARTICIPATION IN ACADEMIC PROGRAMS:						
Sl. No.	Date	Name of the Academic Program	Internationa l / National / State / Institutional Event	Organized by	Nature of participation [Delegate / Presentation if any]	Initials of the HOD

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 ST	I			
	II			
	III			
2 ND	I			
	II			
	III			
3 RD	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

Sl. No.	Day / Date	Place of work	Nature of work	Activity learn [Should include: 1. Patient care / Diagnostic services as per the subject. 2. Health care Management activities both HR & Logistics. 3. Team work	Level of participation [Observation / Performs under observation / Performs independently]	Signature of the DRPC

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:

Evaluation of STUDENTS SEMINAR PRESENTATION:

Guidelines for evaluation of Seminar Presentation

Sl. No.	Points to be considered
1	Whether other relevant publications consulted
2	Whether cross references have been consulted
3	Completeness of preparation
4	Clarity of Presentation
5	Understanding of subject
6	Ability to answer questions

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

[illegible]

[illegible]

Evaluation of JOURNAL REVIEW PRESENTATION:						
Guidelines for evaluation of Journal Review Presentation						
SI. No.	Points to be considered					
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.						
SI. No.	Date	Journal Topic	Presented / Participated	Average Grade*	Name of the Moderator	Initials of the Moderator

Evaluation of LABORATORY WORK / BEDSIDE CLINIC:						
Guidelines for evaluation of Laboratory work / Interactive slide & gross seminar						
Sl. No.	Points to be considered					
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.						
Sl. No.	Date	Topic	Presented / Participated	Average Grade*	Name of the Moderator	Initials of the Moderator

Evaluation of INTERDEPARTMENTAL COLLOQUIUM:					
Guidelines for evaluation:					
Sl. 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.					
Sl. No.	Date	Case History	Diagnosis	Presentation / Participation	Initial of the Guide / HOD

Evaluation of UG Teaching Skills:	
1. Content Knowledge	2. Communication Skills
3. Pedagogical Skills	4. Assessment Skills
5. Professionalism	6. Research Skills
7. Collaboration	8. Innovation
9. Leadership	10. Adaptability
11. Time Management	12. Problem Solving
13. Critical Thinking	14. Creativity
15. Teamwork	16. Self-reflection
17. Student Engagement	18. Feedback Mechanisms
19. Curriculum Development	20. Continuous Improvement

Guidelines for evaluation of UG Teaching skills:

Sl. No.	Points to be considered
1	Communication of the purpose of the talk
2	Evokes the interest of audience in the subject
3	Introduction & Sequence of ideas
4	Speaking style [enjoyable / monotonous etc., specify]
5	Attempts audience participation
6	Answer the questions asked by the audience
7	Summary of the main points at the end
8	Rapport of speaker with his audience
9	Effectiveness of the talk
10	Use of AV aids appropriately

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

[illegible]

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:

Guidelines for evaluation of Thesis				
SI. No.	Points to be considered			
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.				
Evaluation of Thesis [Synopsis]:				
SI. No.	Date	Average Grade*	Name of the Faculty & Designation	Initials of the Faculty

--	--	--	--	--

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 1st review:

Date of 2nd review:

Date of 3rd review:

Date of 4th 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

Guidelines for periodic evaluation of Thesis	
Sl. No.	Points to be considered
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.			
Evaluation of Thesis:			
Date of the review	Average Grade*	Name of the members of the review committee	Initials of the Guide
12 th month			
18 th month			
24 th month			
30 th 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: fiberoptic/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	
O – Observed, PUS – Performed under supervision, PI – Performed independently						

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:
LOGBOOK BROAD SPECIALITIES // OUHS BHUBANESWAR // Page 40 of 42

- 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.....

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

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