

Development of eLogbook for PG Students as per NMC Guideline

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Background:

E-logbook is a valuable tool for postgraduate medical students as per the guidelines from the National Medical Commission (NMC) in India.

It has been made mandatory for Postgraduate students to do weekly entry and teachers need to verify every monthly.

This will have multiple advantages like

- 1. Documentation of Clinical Experience:** It helps students systematically record their clinical cases, procedures, and experiences during their training, ensuring comprehensive documentation of their learning.
- 2. Competency Assessment:** The eLogbook serves as a means for faculty to assess the competencies of students in various clinical skills and procedures, aligning with NMC requirements for skill acquisition. Thus help in Professional development
- 3. Reflective Learning:** Students can reflect on their experiences, enhancing their critical thinking and clinical reasoning abilities, which are essential for their development as practitioners.
- 4. Feedback Mechanism:** It allows for continuous feedback from mentors and supervisors, facilitating improvement and growth throughout the training period.

Till date logbook was in hard copy

So, there was a need to have online system for recording of all activity

Thus, innovation was done at our institute

Objectives

With aim to create online platform which can be generalized for all branch and can be commonly used by teachers and students, meeting all NMC Requirement. Keeping in mind following objectives:

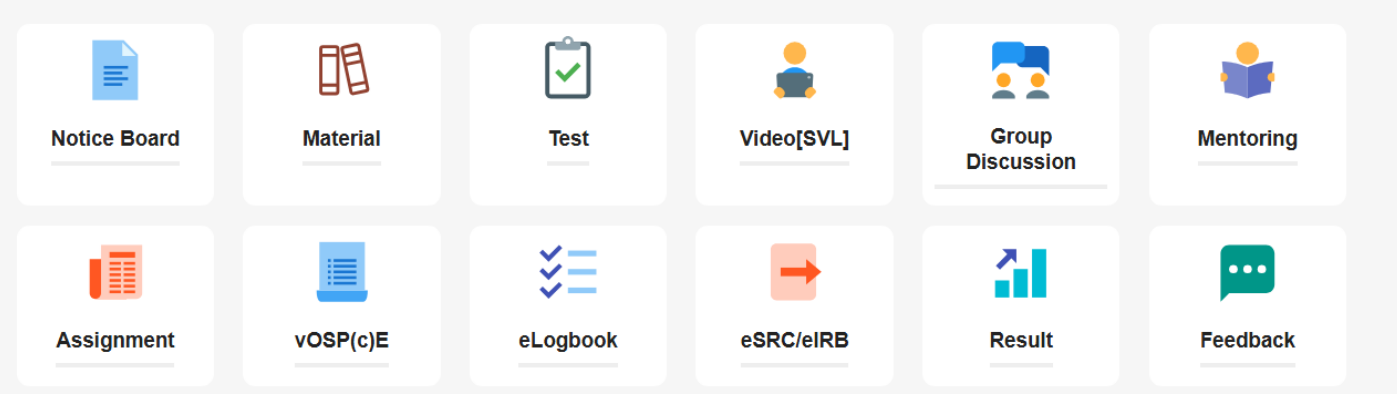
1. Competency Based logbook
2. Uniformity in logbook across all discipline of institute so that implementation is easy
3. Student as well as teacher should be able to use it on all platform i.e laptop, desktop, tablet, mobile
4. Option of daily/ weekly /monthly activity recording
5. Option to add supportive document and write reflection (to develop e-portfolio)
6. Mistake done if any can be edited before assessment by faculty
7. Faculty should be able to assess as per NMC Guidelines and can give remark if any
8. In future same can be used for UG/ Intern
9. If needed same can be recorded in hardcopy with certificate
10. There should be summary based on skill observed/ assisted/done under supervision /perform independently
11. Should have facility of Course ending assessment as per NMC
12. Pocket Friendly System

Methodology

Steps

1. Brainstorming on eLogbook guideline of NMC
2. Discussion with other faculty and MEU Members
3. Discussion with developer and based on the study of different PG Curriculum released by NMC
4. Creation eLogbook was created as per the NMC Guideline.
5. Added to our Learning Management System which can be used on phone, tablet as well as desktop. (<https://egmcb.in/>)

Dashboard



Add Competency

Course Name:*
Select Course

Subject Name:*
Select Subject Name

Competency (Module):
Select Competency (Module)

Skill:*
Select Skill

Skill Wise Work
Select Skill Wise Work (O,A,D,I)

No Of Time Procedure
Enter No Of Time Procedure

From Date:*
dd-mm-yyyy

To Date:*
dd-mm-yyyy

Name of Activity (Topic)
Enter Name of Activity

Link Of Portfolio
Choose File No file chosen

Feedback Received:
Select Feedback

Student reflection (Remark)
Enter Student reflection (Remark)

Submit

Result

eLogbook

Course Name: PG 2024 Subject Name: MD_Paediatrics Competency (Module): Other Academic Activity Skill: All Skill

View View Score

Select Competency (Module)

Diagnostic
Non-Invasive Monitoring
Other Academic Activity
Physical Examination
Procedures - Therapeutic

Add Competency

From Date To Date	Skill	Name Of Activity (Topic)	Attempt Activity	Rating	Decision Of Faculty	Initial Of Faculty & Date	Feedback Received	Remark	Link Of Portfolio	Student reflection (Remark)	Action
01-11-2024 05-11-2024	UG teaching Done (theory/Practical)	1.aaaaaaa 2.ooooooo 3.kkkkkkkkkkk	First Or Only(f)	Meets(M) Expectations	Completed(C)	Dr Chinmay Shah 05-11-2024	Yes	Verified	View File	View	
14-10-2024 20-10-2024	Paper presented	Presented paper in conference	First Or Only(f)	Below(B) Expectations	Completed(C)	Dr Chinmay Shah	Yes	Verified, but need do again	View File	View	

eLogbook Summary

Skill	Observed / Attended	Number	Assisted	Number	Done under supervision	Number	Able to do independently / Presented	Number
Paper presented	-	-	-	-	-	-	14-10-2024 20-10-2024	1
UG teaching Done (theory/Practical)	-	-	-	-	-	-	01-11-2024 05-11-2024	3

eLogbook Scoring

Student appraisal form for in

Sr No.	Elements	Less than Satisfactory	Satisfactory	More than Satisfactory	Comments
		1 2 3	4 5 6	7 8 9	

To View Video and PDF regarding LMS & eLogbook Scan QR Code



Conclusion

This is used by 9 College. Use of technology will help us to easily maintain our logbook in digital mode. We are able to track activity of our PG students and it also serve as e-Portfolio.

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