



TEERTHANKER MAHAVEER HOSPITAL & RESEARCH CENTER

Delhi Road, Moradabad (U.P.)

DEPARTMENT OF ANAESTHESIOLOGY

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Date: 28 June 2025

To
The Principal
TMMC & RC

**SUBJECT: MINUTES OF BOARD OF STUDIES MEETING – DEPARTMENT OF
ANAESTHESIOLOGY (HELD ON 28TH JUNE 2025)**

A meeting of the Board of Studies (BOS) was held on 28th June 2025 at 2:00 PM in the Department of Anaesthesiology to review and update the UG & PG curriculum in accordance with NMC Guidelines 2023-24 and to discuss innovations in teaching, assessment, and training methodologies.

The internal members present in the meeting were:

1. Dr Mukesh Kumar Prasad (HOD & Professor)
2. Dr Pallavi Ahluwalia (Professor)
3. Dr MD Shahbaz Alam (Professor)
4. Dr Payal Jain (Professor)
5. Dr Lalita Jeenger (Professor)
6. Dr M Niranjana Reddy (Assistant Professor)
7. Dr Kumari Tripta (Assistant Professor)
8. Dr N Navya (Assistant Professor)
9. Dr Vinamra Tiwari (Assistant Professor)
10. Dr Neha (Assistant Professor)
11. Dr Vivek Prakash (Assistant Professor)
12. Dr Saurabh Kumar (Assistant Professor)
13. Dr Jyoti Chauhan (Assistant Professor)
14. Dr Shambhavi (Assistant Professor)
15. Dr Jubin Jakhar (Assistant Professor)

The external members present were:

1. Dr. Ajay Kumar Sinha, HOD & Professor, Department of Anaesthesiology, Government medical college, Haldwani
2. Dr. AK Singh, HOD & Professor, Department of Surgery, TMMC&RC, Moradabad

Agenda Points Discussed and Recommendations:

1. UG & PG Curriculum Upgradation in Sync with NMC Guidelines:

- UG Anaesthesia curriculum aligned with new CBME-based NMC competencies.
- For MBBS students, *Anesthesia Skills Module* should include focused training on perioperative care, resuscitation, pain management, and simulation training.
- Inclusion of *Attitude, Ethics, and Communication (AETCOM)* modules integrated with Anaesthesiology scenarios.
- PG (MD) training updated per NMC 2023 guidelines with focused competencies in:
 - Airway Management
 - Mechanical Ventilation
 - Pain and Palliative Care
 - Regional Anaesthesia (USG-guided)
 - Intensive Care
 - Research & Publication

2. Implementation of e-Logbook and Digital Tracking:

- Mandatory e-Logbook for MD trainees, synced with CBME competencies.
- Faculty to be trained in digital validation and supervision.

3. Artificial Intelligence (AI) in Anaesthesiology Training:

- PG residents to be introduced to AI tools and clinical informatics in simulation labs.
- UG exposure to AI during electives and BLS/ACLS training through AI-based simulators.

4. Interdepartmental Academic Integration:

- Collaborative academic activities with different departments encouraged:
 - Radiology (POCUS)
 - Surgery (Pre-op/Post-op evaluation)
 - General Medicine (Critical Care)
 - Pharmacology (Rational drug use)
 - Neurology, Cardiology (ICU overlap)

- Interdisciplinary seminars, joint case discussions, and clinical skill workshops reemphasized.

5. Enhanced Use of OSCE and Simulation-Based Evaluation:

- Structured OSCE/OSPE modules developed.
- Skills evaluated: clinical examination, empathy, ABG/ECG/X-ray/USG interpretation.
- Simulation-based mock OSCEs included in summative assessments.

6. Skill Lab and Simulation Training:

- Expanded use for:
 - Intubation
 - Central line and arterial line access
 - USG-guided nerve blocks
 - BLS and ACLS (mandated for all batches)
- Introduction of **High-Fidelity Simulators** and **AI-based scenario modelling**.

7. Research Methodology and Ethics Courses:

- All newly joined PGs must complete ICMR-NIE online course on biomedical research within 6 months.
- Certificate to be submitted to the department.
- Mandatory institutional ethics training, including Good Clinical Practices (GCP) and lab protocols.

8. Faculty Development Programs (FDP):

- Series of workshops to train faculty in:
 - CBME implementation
 - Digital logbook supervision
 - OSCE/OSPE formulation
- Mentorship program for junior faculty development.

9. Feedback Mechanism and Student Involvement:

- Biannual feedback sessions from UG & PG students on:
 - Teaching quality
 - Curriculum effectiveness

- Support infrastructure
- Action plans derived from student suggestions to be documented and tracked.

10. Review of Thesis and Research Activity:

- Thesis topics reviewed for relevance to current healthcare priorities (ICU, Palliative care, AI in Anaesthesia).
- Interdepartmental thesis collaborations encouraged.
- All PGs must have at least one paper submitted to a peer-reviewed journal before final exam.

11. Academic Workshops and Seminars:

- Cadaveric Airway Workshop completed in September 2024 was acknowledged as a success.
- Proposed minimum 3 academic events per year.
- New workshops planned:
 - AI in Anaesthesia
 - POCUS Boot Camp
 - Cadaveric Regional Anaesthesia
 - Difficult Airway Management (Simulation-based)

12. Resource and Library Updates:

- Maximize use of e-Library & UpToDate access for UG/PG was suggested
- Departmental access to NMC digital resources and AI-enhanced clinical learning platforms.

13. Indulging the post Graduate students posted in the DRP in the academic seminars.

- The post graduate students who are posted in the District Residency Program should be encouraged to be involved in the academic seminars for their professional development.
- There should be a mentor for the students who is assigned with the responsibility of clearing any academic doubts.

14. Activities for the mental well-being of the Post Graduate Students.

- The post graduate students should be encouraged to actively participate in the events like music & singing on various events, sports, meditation and yoga.
- To enrich intra department coordination, the students should be encouraged to celebrate events like birthdays, anniversaries.

15. Developing Leadership and teaching skills in the Post Graduate students.

- The post graduate students should be encouraged to take active participation in the development of the leadership skills by engaging them in the various roles as team leaders, mentors and teachers.
- The post graduates should be encouraged to teach MBBS students, Interns, Junior and fellow post graduates and also OT technicians.

CONCLUSION

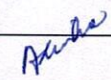
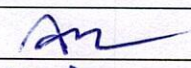
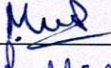
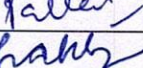
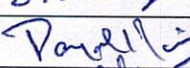
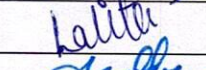
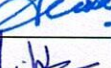
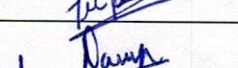
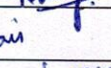
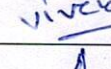
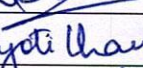
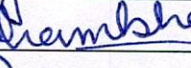
The Board of Studies concluded with unanimous approval of the proposed revisions and welcomed innovations aligned with global anaesthesia training standards. The integration of AI, enhanced simulations, and interdisciplinary collaboration were emphasized as crucial pillars of future-ready anaesthesiology education.

1. The Chairperson thanked all members for their valuable contributions.


Dr Mukesh Kumar Prasad
HOD & Professor
Department of Anesthesiology
TMMC & RC

Dr. Mukesh Kumar Prasad
Professor & HOD
Department of Anaesthesiology
Reg.No MCI-IMR/09/202

Signature of the members of Board of Studies

1.	Dr Ajay Kumar Sinha	
2.	Dr AK Singh	
3.	Dr Mukesh Kumar Prasad	
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1. Vice Chancellor, TMU
2. Principal, TMMC & RC