



EDITORIAL

NBEMS & NEET-PG: Successfully Meeting Operational Responsibilities, Conducting Examinations, and Augmenting Efficiency

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NBEMS has been conducting NEET-PG, reflecting the strengths of computer-based examination architecture and centralised digital security systems. This distinction is often cited as a best-practice model for high-stakes medical examinations.

The National Board of Examinations in Medical Sciences (NBEMS) has been entrusted with the conduct of the National Eligibility-cum-Entrance Test for Postgraduate Medical Courses (NEET-PG) ever since the introduction of the examination as a single national entrance test for postgraduate medical admissions. Over the past decade, NBEMS has successfully conducted

NEET-PG annually across the country, facilitating merit-based admissions to MD, MS, PG Diploma, FNB, DNB, DrNB and other postgraduate medical training programmes.

NEET-PG has evolved into one of the largest computer-based medical entrance examinations globally, with participation by more than two lakh medical graduates annually. The examination is conducted through a secure digital platform across multiple cities and examination centres, ensuring uniform standards, transparency, and nationwide comparability of candidate performance (Figure 1).

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Figure 1. As per the directions of MoHFW & support, NBEMS has successfully implemented the Aadhaar Authentication in all NBEMS's examinations conducted since Dec 2025.

Since its inception, NBEMS has demonstrated substantial operational capability in managing large-scale, high-stakes examinations through:

- Computer-based testing with encrypted question delivery systems.
- Standardised examination processes across centres nationwide.
- Extensive use of biometric verification and digital candidate authentication.
- Multi-layer security protocols for question paper generation, storage and transmission.
- Centralised monitoring and audit mechanisms.
- Robust psychometric analysis and normalisation methodologies where required.
- Transparent publication of examination schedules, information bulletins and results.
- Structured grievance redressal mechanisms.

Importantly, unlike conventional paper-based examinations, NEET-PG has been conducted in a computer-based environment that substantially reduces the risks associated with the physical transportation, storage, and handling of question papers.

Measures Undertaken concerning Examination Security in National Examinations

NBEMS has been proactively strengthening its examination governance

framework to further reinforce public confidence and examination integrity (Figure 2).

NATIONAL BOARD OF EXAMINATIONS IN MEDICAL SCIENCES

- NBEMS has Zero tolerance towards the Unfair Means Cases(UMC).
- Sanctity and integrity of exam is of utmost importance to NBEMS.
- Refer Information Bulletin for Unfair means guidelines.

CAUTION

NATIONAL BOARD OF EXAMINATIONS IN MEDICAL SCIENCES

Kindly report if you notice any suspicious activities such as:

- Social media posts/ any individuals claiming the leak of question paper.
- Any information regarding imposter.
- Report Unfair Means Cases at: **'REPORTUMC@NATBOARD.EDU.IN'**

ALERT

Unfair means reported in the past.

- Impersonation
- Seat Swapping
- Use of Electronic Devices (Spy Glasses, Mobile, etc.)
- Forged documents & pass certificates
- Cheating and Peeping

WARNING

Punishments for UMC

Any indulgence in Unfair means such as cheating, impersonation as indicated in the information bulletin shall be viewed very seriously and Unfair Mean Case(UMC) shall be registered.

Such unfair means cases shall be reported to Police/CBI and will lead to cancellation of candidature with debarment in future exams.

ATTENTION PLEASE

Figure 2. Banner on Website is displayed on NBEMS website regarding prevention of use of Unfair Means Practice. Dedicated email id: reportumc@natboard.edu.in is created to report UMC/Touts etc. to NBEMS. Advisory for Cheating/Impersonation to be sent to candidates by email and should be on NBEMS website

Key measures undertaken include:

Enhanced Cybersecurity Architecture

- Strengthening of encrypted question paper delivery systems.
- End-to-end digital security protocols.
- Multi-factor authentication mechanisms.
- Continuous vulnerability assessment and penetration testing of examination infrastructure.
- Real-time cybersecurity monitoring during examination conduct.

Strengthened Candidate Verification

- Enhanced biometric authentication.
- Multi-stage identity verification.
- Improved candidate photograph validation and matching systems.
- Prevention of impersonation through advanced verification technologies.

Improved Examination Centre Governance

- More stringent empanelment criteria for examination centres.
- Enhanced audit and compliance requirements.

- Mandatory security certification and infrastructure verification.
- Increased deployment of surveillance systems and monitoring protocols.

Real-Time Monitoring and Incident Response

- Centralized command-and-control monitoring systems.
- Rapid-response mechanisms for any reported irregularity.
- Escalation protocols involving examination administrators, technology partners and law-enforcement agencies when required.
- Detailed post-examination audit processes.

Governance and Accountability Measures

- Periodic review of standard operating procedures.
- Enhanced documentation and audit trails.
- Strengthening of vendor management and contractual accountability.
- Greater coordination with the Ministry of Health and Family Welfare, law-enforcement agencies and cybersecurity experts (Figures 3 and 4).



Figure 3. LIVE CCTV feed from all test centres shall be relayed to NEBMS Command Centre. More than 300 dedicated officials will observe the conduct of examination from Central Command Centre



Figure 4. Regional Command Centers

Over more than a decade of conduct, NBEMS has successfully established NEET-PG as a credible, transparent and technologically robust national entrance examination. The Board's experience in conducting large-scale computer-based assessments, combined with constantly strengthened security and

governance measures, has further enhanced the resilience, integrity and reliability of the NEET-PG examination system. Continued investment in technology, cybersecurity, institutional accountability and independent oversight remain critical to maintaining public trust and safeguarding merit-based admissions in India.