MELAP

Medical Education and Learning Point

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Our Vision and Services

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Meet the Founder & President

Dr. Neeraj Jain

Founder & President of MELAP

Dr. Neeraj Jain is a distinguished pathologist and educator, with both graduate and postgraduate degrees from the prestigious University College of Medical Sciences, Delhi. He is recognized as a leader in India's laboratory medicine community.

He has led over 800 training programs across premier institutions including AIIMS Delhi, PGI Chandigarh, PGIMS Rohtak, and GCRI Ahmedabad, establishing himself as a national authority in laboratory training and accreditation. As a NABL and NABH assessor, and a National Faculty for NABL (ISO 15189), he brings deep expertise in ISO standards, including ISO 15189, ISO 17043, and ISO 13528. He also holds a Six Sigma Green Belt from the Indian Statistical Institute.

Dr. Jain's contributions have been widely recognized, with honors such as the IMA National Award (2014) for lab quality education, DMA President Awards (2014, 2017), and the IGHM Custodian of Humanity Award (2021). His academic work has also been acknowledged at CMC Vellore, and MELAP was awarded Best Institution for Health Education & Training at the 10th MT India Healthcare Awards (2020).

A regular guest faculty at national conferences and an active member of ILAC WG.6 (ISO 15189) in Geneva, Dr. Jain is committed to advancing quality standards and capacity building in laboratory practice across India.

Introduction to MELAP

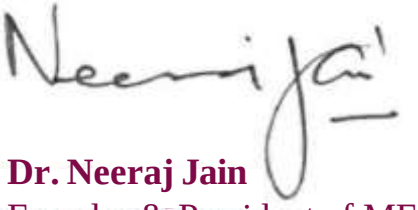
MELAP was founded in 2014 with a mission to help medical laboratories adopt ISO 15189 and other global best practices — enabling them to deliver high-quality, internationally aligned patient care. What started as a vision to improve laboratory standards has expanded into a national effort to build capacity, elevate skills, and drive quality across healthcare professions.

Over the past decade, we have conducted more than 800 training programs across 25 Indian states and union territories, empowering over 20,000 healthcare professionals across 25 states and Union Territories of India. Our support has helped institutions such as AIIMS Delhi, AIIMS Jodhpur, PGI Chandigarh and AFMC Pune successfully navigate internal audits, accreditation, and quality improvement initiatives.

While ISO 15189 remains a core focus, MELAP's capabilities extend well beyond accreditation support. We offer ad hoc and customized training programs for laboratory technicians and healthcare professionals, along with specialized courses on emerging and cross-cutting areas such as Six Sigma, Artificial Intelligence in healthcare, and Quality Risk Management — equipping organizations to thrive in a rapidly evolving landscape.

Over the years, MELAP has grown from a focused effort on laboratory standards into a trusted training partner for healthcare institutions nationwide. What sets us apart is our commitment to clarity and real-world impact. Our courses are led by highly qualified trainers — experts at the top of their fields — who bring both technical depth and a talent for making complex ideas simple. Whether it's a frontline technician or a senior administrator, every participant walks away with practical knowledge they can apply immediately.

We invite you to partner with us — and take the next step toward building a future-ready, quality-driven healthcare workforce.



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1 ISO 15189:2022 Training Program

We provide structured training for medical laboratory staff—including doctors, technical personnel, and administrative teams—to build a strong foundation in ISO 15189:2022. Our flagship offering includes a 4-day Internal Auditor (IA) and Laboratory Management Systems (LMS) certification course, equipping participants to serve as internal auditors and support effective coordination throughout the accreditation process

Topics covered in the 4-day course (indicative and non-exhaustive):

- Laboratory Accreditation International perspective & Quality system for laboratories ISO 15189:22 Clauses – 4-8
- Principles of Audit
- Types of Audit
- Audit Conduct
- Route to Accreditation
- Exercises & Case Studies (e.g., Preparation of IA checklist)

2 ISO 15189:2022 Consulting Services

We provide consulting services to support laboratories at every stage of their ISO 15189:2022 journey—from initial gap assessments to full implementation and audit readiness.

MELAP's 5-step approach:

1

- Defining the scope of accreditation (disciplines & tests)
- Gap analysis (as per ISO 15189:2022)
- Training on Standard Implementation

2

- Document preparation:
  - Quality manual
  - Quality system procedures
  - SOP (Standard Operating Procedures)
  - Sample collection manual
  - Lab safety manual
  - Forms & Formats

3

- Calibration
- Internal Quality Controls
- EQAS
- CA & PA
- Risk analysis
- Records
- Application form preparation

4

- Internal Audit
- Closure of non-conformities identified in Internal Audit

5

- Accreditation application form submission
- Accreditation process and final assessment
- (Including NC Closure of Pre-assessment and final assessment)

3 Specialized Learning Solutions

We offer targeted learning modules that build deep expertise in critical areas of laboratory operations and quality management. Our curriculum also includes future-focused topics such as Artificial Intelligence in Healthcare, so that your team is prepared for what's next.

Key programs include:

- Six Sigma workshop
- Artificial Intelligence workshop
- Diagnostic Series (DS)- Lectures on topics of general interest
- Good Clinical Practices including ethics (NMC requirements for Post graduates)
- Good Laboratory Practices (NMC requirements for Post graduates)
- Clinical Lab Annual Training – Training on QMS topics required for Lab Accreditation
- Other customized trainings as per organization requirements
- … and more

Why choose MELAP?

Unmatched expertise in ISO 15189:2022

MELAP is a national leader in ISO 15189 training and implementation, having conducted over 800 training programs and guiding numerous laboratories to successful NABL accreditation—including 35 currently in progress

Top-tier faculty

Our courses are led by professionals affiliated with prestigious institutions and with decades of experience, known for translating deep technical knowledge into practical, real-world insights

Simplified, learner-friendly programs

Our programs break down complex concepts into clear, practical lessons — ensuring every participant leaves with knowledge they can immediately apply

Recognized partner for leading institutions

MELAP has advised apex government institutions, and earned the trust of both public and private sector stakeholders through consistent delivery and impact

Future-ready courses

Beyond compliance, we prepare you for what's next — offering courses on Six Sigma, Artificial Intelligence in healthcare, and other emerging topics critical to laboratory and healthcare excellence

Contact details

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