



# NATCON 73

National Conference of Anatomists

DEPARTMENT OF ANATOMY

SRI LALITHAMBIGAI  
MEDICAL COLLEGE & HOSPITAL

Service Rd, Maduravoyal, Adayalampattu,  
Chennai, Tamil Nadu 600095

26-11-2026 | THURSDAY

## PRE CONFERENCE WORKSHOP

# “Think Before You Question, Learn Before You Ask”

The Art & Science of Designing HOTS Questions in Anatomy

### WORKSHOP FACULTY

|                     |                                                                                                                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dr. Deepti Shastri  | Dean of Faculty (Medicine), VMRF (DU)<br>Deputy Dean, Professor of Anatomy<br>Vinayaka Mission's Kirupananda Variyar<br>Medical College and Hospitals, Salem,<br>Tamil Nadu<br>✉ <a href="mailto:deeptishastrimukherjee@gmail.com">deeptishastrimukherjee@gmail.com</a> |
| Dr. Swathi Poornima | Professor of Anatomy,<br>Dr. Pinnamaneni Siddhartha Institute of<br>Medical Sciences & Research Foundation,<br>Andhra Pradesh<br>✉ <a href="mailto:swathi79poornima@gmail.com">swathi79poornima@gmail.com</a>                                                           |
| Dr. Rajasri Chunder | Dean (Academics) and Professor of Anatomy,<br>Jagannath Gupta Institute of Medical<br>Sciences & Hospital, West Bengal<br>✉ <a href="mailto:rajasrichunder@gmail.com">rajasrichunder@gmail.com</a>                                                                      |
| Dr. Praveen Iyer    | Professor (Additional) of Anatomy,<br>Seth GS Medical College & KEM Hospital,<br>Mumbai<br>✉ <a href="mailto:pbi1977@gmail.com">pbi1977@gmail.com</a>                                                                                                                   |

### OVERALL AIM OF THE WORKSHOP

To enable faculty across all cadres to design, validate, and implement higher-order thinking (HOTS) questions in anatomy assessments aligned with CBME and Bloom's taxonomy.

### OBJECTIVES OF THE WORKSHOP

- 1 Differentiate LOTS vs HOTS questions using Bloom's revised taxonomy
- 2 Identify flaws in traditional anatomy questions (recall-heavy bias)
- 3 Construct:
  - Case-based MCQs (A-type, R-type, EMQs)
  - Analytical SAQs
- 4 Align questions with:
  - Competencies (NMC CBME)
  - Clinical relevance
  - Assessment blueprint
- 5 Apply basic item writing guidelines & validation principles
- 6 Peer-review and refine questions using a checklist



### REQUIREMENTS FOR HANDS ON WORKSHOP

- Wi-Fi enabled room with facility of projection of laptop screen and slide presenter with appropriate laser pointer
- Participants to get laptops
- NMC revised CBME 2024 document
- NMC competencies of Anatomy
- NMC module on Assessment
- Participants to be arranged in small groups of 5-6
- Total participants = 30



### WORKSHOP REGISTRATION FEE

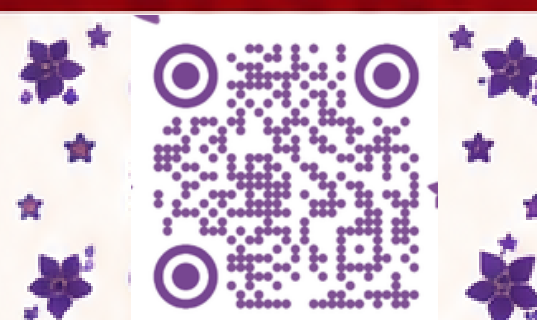
₹ Rs. 1500

(Includes workshop kit, materials,  
refreshments and certificate)

### WORKSHOP SCHEDULE

|                                  |                                                                                                                                                                          |  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| SESSION 0<br>9:00 – 9:30 AM      | Registration & pre-test                                                                                                                                                  |  |
| SESSION 1<br>9:30 – 10:00 AM     | Setting the Stage:<br>Why HOTS questions in Anatomy?                                                                                                                     |  |
| SESSION 2<br>10:00 – 10:30 AM    | Understanding the HOTS framework –<br>Bloom's taxonomy – Where does it fit?                                                                                              |  |
| SESSION 3<br>10:30 – 11:00 AM    | Designing HOTS MCQs – <ul style="list-style-type: none"><li>• SBR (Scenario-based)</li><li>• Assertion-Reason Type</li><li>• Extended Matching Type</li></ul>            |  |
| TEA BREAK: 11:00 – 11:15 AM      |                                                                                                                                                                          |  |
| SESSION 4<br>11:15 – 11:45 AM    | Hands-on activity of HOTS MCQ<br>followed by discussion                                                                                                                  |  |
| SESSION 5<br>11:45 AM – 12:15 PM | Designing HOTS SAQs <ul style="list-style-type: none"><li>• Scenario-based clinical application /<br/>integration questions</li><li>• Reasoning type questions</li></ul> |  |
| SESSION 5<br>12:15 – 12:45 PM    | Hands-on activity of HOTS SAQs<br>followed by discussion                                                                                                                 |  |
| SESSION 6<br>12:45 – 1:00 PM     | Summary and Q/A<br>followed by Post test                                                                                                                                 |  |

### REGISTRATION QR



SCAN TO REGISTER



REGISTRATION LINK

<https://natcon73.in/Registration.php>

### FOR OTHER DETAILS CONTACT

✉ [support@natcon73.in](mailto:support@natcon73.in)

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Let's create assessments that inspire deeper thinking and better learning!