

Dizziness, vertigo, imbalance, oscillopsia and falls constitute a significant proportion of neurological consultations. This advanced certificate course equips neurologists with cutting-edge competencies in neuro-otological clinical reasoning, bedside examination, vestibular investigation interpretation, and evidence-based management of vestibular and balance disorders — through a structured hybrid learning experience.

## DELIVERY MODE

- Pre-recorded lectures** posted weekly on a dedicated learning portal — learn at your own pace.
- Mentored live online interactive discussions** of 2–3 hours every week — faculty-led case discussions, Q&A, and vestibular sign interpretation.
- Hands-on offline sessions — 2 days.** Venue and dates will be intimated well in advance.

## PROGRAMME STRUCTURE

80 hrs Theory (Online)

20 hrs Practical (Hands-on)

100 hrs Total

## ELIGIBILITY &amp; OVERVIEW

ELIGIBLE FOR  
DM (Neurology) — NMC  
recognisedALSO OPEN TO  
DM Neurology ResidentsDURATION  
4 MonthsMODE  
Hybrid

## ASSESSMENT

50

Theory MCQs

50

Skills &  
Interpretation

50%

Pass Criteria  
(Cumulative)CERTIFICATION  
REQUIREMENTS

≥ 80%

Attendance in Online Sessions  
(mandatory for certification)

100%

Attendance in Hands-on Sessions  
(both days — mandatory)Formative assessment via online  
module-wise MCQs throughout the  
programme. Certificate awarded by  
Yenepoya (Deemed to be University).

## CURRICULUM HIGHLIGHTS

#	Module	Key Focus Areas	Hours
1	<b>Vestibular Neuroanatomy &amp; Systems Physiology</b>	Semicircular canal & otolith transduction; vestibulo-ocular & vestibulo-spinal reflexes	8
2	<b>Ocular Motor Network</b>	Brainstem gaze centres; neural integrator; cerebellar ocular motor signatures	8
3	<b>Nystagmus: Pattern Recognition &amp; Localisation</b>	Classification; peripheral vs central differentiation; head-shake & gaze-evoked nystagmus	8
4	<b>Syndrome-Based Approach (AVS / EVS / CVS)</b>	Acute, episodic & chronic vestibular syndromes; red flags; stroke protocol	8
5	<b>Advanced Bedside Neuro-Otological Examination</b>	Ocular motor exam; head impulse test; skew deviation; gait & stance assessment	8
6	<b>Acute Vestibular Syndrome</b>	HINTS Plus; AICA/PICA infarction; MRI DWI limitations; acute management	8
7	<b>Positional Vertigo — BPPV (Canal-Specific &amp; Complex)</b>	Dix–Hallpike; horizontal canal variants; multi-canal BPPV; canal-specific manoeuvres	8
8	<b>Central Positional Vertigo &amp; Central Vestibular Syndromes</b>	Downbeat nystagmus; MS & demyelination; cerebellar degenerations	8
9	<b>Episodic Vestibular Disorders</b>	Vestibular migraine; Ménière's disease; vestibular paroxysmia; TIA risk stratification; episodic ataxias	10
10	<b>Chronic Dizziness, PPPD &amp; Functional Overlays</b>	PPPD criteria; visual dependence; DHI/VSS scales; multimodal treatment	8
11	<b>Bilateral Vestibulopathy &amp; Neurodegenerative Balance Disorders</b>	CANVAS; ototoxicity; cerebellar ataxia differentiation; fall prevention	10
12	<b>Vestibular Rehabilitation for Neurologists</b>	Adaptation, habituation, substitution; rehab in stroke, PD, cerebellar degeneration	8


## HANDS-ON OFFLINE TRAINING (2 DAYS)

## Day 1 — Clinical Skills · 10 hrs

- › Clinical neuro-otological examination
- › Positional tests and manoeuvres
- › HINTS Plus — supervised practice
- › Standardised documentation

## Day 2 — Instrumental &amp; Rehab · 10 hrs

- › VNG / COG, stabilometry, CCG
- › fHIT and vHIT interpretation
- › Rehabilitation planning sessions
- › Case-based management workshops

 Venue and dates for hands-on sessions will be intimated well in advance. **100% attendance is mandatory** for certification.

## FACULTY

VS

**Dr Vijayalakshmi Subramaniam**

Course Co-ordinator

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★ Eminent faculty from across the discipline will be part of this programme

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