






# FATHER MULLER MEDICAL COLLEGE

## ISA Mangalore City Branch








# MECHANICAL VENTILATION WORKSHOP

## Unlock Your Potential

-  7th August 2025
-  08:30 AM - 05:00 PM
-  Decennial Memorial Hall,  
Father Muller Medical College

## Workshop Highlights

-  Understand principles and applications of mechanical ventilation
-  Initiate and manage various ventilation modes for different clinical scenarios
-  Interpret ventilator graphics and troubleshoot common problems
-  Apply evidence-based protocols for ventilation management and weaning
-  Demonstrate practical skills in hands-on ventilator operation and patient care

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Time	Session
8:00 am – 8:45 am	Registration / Breakfast
8:45 am – 9:00 am	Welcome & Introduction of faculty, Pretest (before the workshop)
9:00 am – 9:30 am	LECTURE: Basics of Mechanical Ventilation (Including Equation of Motion) - Dr. Carol D'souza
9:30 am – 10:00 am	Initiation of Mechanical Ventilation Including Non-Invasive Ventilation, HFNC - Dr. Thilakchand
10:00 am – 10:30 am	Modes of Mechanical Ventilation - Dr. Vasanth Kamath
10:30 am – 11:00 am	Graphics - Loops and Scalars - Dr. Ravishankar
11:00 am – 11:15 am	TEA BREAK
11:15 am – 1:00 pm	Hands-On Skill Stations (35 min rotation)
	Station 1: Modes of Ventilation - Dr. Carol, Dr. Vasanth, Dr. Sumanth, Dr. Livia
	Station 2: HFNC and NIV - Dr. Thilakchand, Dr. Mamatha, Dr. Vishnuvardhan, Dr. Prerna
	Station 3: Graphics and Alarms Trouble-Shooting - Dr. Ravishankar, Dr. Akshatha, Dr. Nawaz, Dr. Shamana
1:00 pm – 1:45 pm	Lunch
1:45 pm – 2:15 pm	Advanced or Newer Modes of Ventilation - Dr. Vishal Shanbhag
2:15 pm – 2:45 pm	Monitoring During Mechanical Ventilation - Dr. Nishanth Baliga
2:45 pm – 3:15 pm	Weaning from Mechanical Ventilation - Dr. Jayesh Kamath
3:15 pm – 4:45 pm	Hands-On Skill Stations (30 min rotation)
	Station 4: Advanced Modes of Ventilation - Dr. Vishal Shanbhag, Dr. Tilak, Dr. Prerna
	Station 5: Ventilation of Difficult Cases like ARDS, COPD - Dr. Nishanth, Dr. Jayaprakash, Dr. Vishnuvardhan, Dr. Livia
	Station 6: Weaning from Mechanical Ventilation - Dr. Jayesh Kamath, Dr. Mamatha, Dr. Sumanth, Dr. Shamana
4:45 pm – 5:00 pm	Closure, Post-test, Feedback, Certification

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### Course Director

#### Dr Nishanth Baliga

MD, DM Critical Care Medicine  
European diploma in Critical care medicine-  
EDIC (Berlin)  
Fellowship in Critical Care Ultrasound-  
FCCU

### Local co-ordinators

- Dr. Divya Vincent
- Dr. Shamana Shetty
- Dr. Livia Saldanha
- Dr. Prerana
- Dr. Deeksha

### Special Guest Speakers

- Dr. Carol D'souza
- Dr. Thilakchand
- Dr. Vasanth Kamath
- Dr. Ravishankar
- Dr. Vishal Shanbhag
- Dr. Jayesh Kamath
- Dr. Mamatha Prasad
- Dr. Jayaprakash KP
- Dr. Nawaz
- Dr. Vishnuvardhan
- Dr. Sumanth
- Dr. Akshatha Rai

Registration  
Fees: Rs. 3000

Maximum Slots available:  
40 Participants

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