



CRITICARE 2026



32nd Annual Conference of Indian Society of Critical Care Medicine

Workshops: 25th & 26th February 2026 | Conference: 27th February, 28th February & 1st March 2026

Theme: Humanisation in the Era of Data Science | Venue: Chennai Trade Centre, Chennai, Tamilnadu

Mechanical Ventilation Workshop

25th & 26th Feb 2026 | Feathers Hotel - Carnation 2

National Lead



Ram E Rajagopalan

National Directors



Sumit Ray



**Pragyan Kumar
Routray**



**Raymond Dominic
Savio**

Local Coordinator



Velmurugan Selvam

MEET OUR EXPERT FACULTY



Anusha Cherian



Carolyn Calfee



**Mahendran
Senthilnathan**



Marcus Schultz



**Meghena
Mathew**



Pankaj Anand



Rajesh Pande



Ross Freebairn



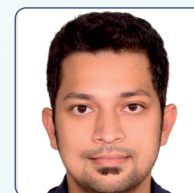
**Sabanayagam
Vaidyanathan**



Sameer Jog



Senthil Kumar



Arun Kumar

For more details

www.criticare.isccm.org



**Scan QR code
to Register**

Time	Topic	Faculty
Day 1 : 25th February 2026, Wednesday Physiology and basics of mechanical ventilation		
09:00 – 09:45	Basics of Ventilator graphics and modes	Ram Rajagopalan
09:45 –10:30	Understanding Respiratory Mechanics in Ventilated Patients	Pragyan Kumar Routray
10:30 – 11:15	Optimizing Patient–Ventilator Synchrony in the ICU	Ross Freebairn
11:15 – 11:30	Tea break	
	Workstations (45mins per session *4)	
11:30–12:15	Workstation 1 Initiation of mechanical ventilation	Ram Rajagopalan Pankaj Anand
12:15 – 13:00	Workstation 2 Trouble shooting of Ventilator Alarms and graphics	Ross Freebairn Meghena Mathew Sabanayagam Vaidiyanathan
13:00 – 13:45	Lunch Break	
13:45 – 14:30	Workstation 3 Ventilator Adjuncts – Humidification / nebulizers	Senthil Kumar Mahendran Senthilnathan
14:30 – 15:15	Workstation 4 – Non-invasive ventilation & HFNC	Rajesh Pande Velmurugan Selvam
15:15 – 15:30	Tea break	
15:30 – 16:10	Understanding Heart–Lung Interactions in Critical Care	Senthil Kumar
16:10 – 16:40	Weaning Challenges: From Simple to Difficult	Rajesh Pande
16:40 – 17:00	Discussion	

Time	Topic	Faculty
Day 2 : 26th February 2026, Thursday Disease specific ventilation and advanced modes		
09:00 – 09: 40	Optimizing Ventilation in ARDS: From Basics to Advanced Strategies	Sumit Ray
09:40 –10:20	ARDS Management: Current Concepts and Phenotype-Based Strategies	Carolyn Calfee
10:20 – 11:00	COPD and Asthma ventilation	Anusha Cherian
11:00–11:15	Tea break	
11:15 – 11:50	Introduction to Advanced Mechanical Ventilation Modes	Marcus Schultz
11:50– 12:10	Prone ventilation	Velmurugan Selvam
12:10 – 12:45	TPP guided ventilation & Concept of driving pressure and Mechanical Power	Sameer Jog
12:45–13:30	Lunch Break	
	Workstations (45mins per session *4)	
13:30 – 1415	Workstation 1 – ARDS ventilation & APRV	Carolyn Calfee Sumit Ray Sabanayagam Vaidyanathan
1415 – 1500	Workstation 2 – Asthma & COPD ventilation	Pragyan Kumar Routray Anusha Cherian Pankaj Anand
15:00 – 1515	Tea break	
15:15 – 16:00	Workstation 3 – PRVC, ASV & PAV	Marcus Schultz Senthil Kumar Arun Kumar Velmurugan Selvam
16:00 – 16:45	Workstation 4 – NAVA and TPP guided ventilation	Sameer Jog Rajesh Pande
16:45– 17:00	Discussion	

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