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

AI in Critical Care - Datathon

25th & 26th Feb 2026 |
Radisson Blu GRT Near Airport - Royal Court

5 KEY LEARNINGS

- **Hands-on experience:** Learn how to work with real-world critical care datasets
- **Clinical + Data synergy:** Understand how collaboration between Intensivists and data scientists can generate impactful insights
- **AI in action:** Explore practical applications of machine learning and AI for ICU problems (sepsis, ARDS, AKI, outcomes prediction).
- **Research translation:** Discover how to move from raw data to clinically meaningful questions and publishable results.
- **Innovation mindset:** Build skills for future-ready ICU practice through digital health and predictive analytics

WHO SHOULD ATTEND

- Critical care specialists interested in research, innovation, or AI applications.
- Residents and fellows who are keen to learn how data analysis will drive future critical care
- Data scientists & engineers keen to apply skills to high-impact healthcare problems.
- Researchers & academicians looking to collaborate across medicine and technology
- Industry professionals exploring AI-driven critical care solutions

For more details
www.criticare.isccm.org

Scan QR code
to Register

National Lead

Bharat Jagiasi
MD, DA, FICCM, IDCCM
Director-Critical Care Medicine
Kokilaben Dhirubhai Ambani hospital,
Navi Mumbai

National Directors

Anirban Bhattacharya
M.D., M.S.
Critical Care Specialist
Mayo Clinic Jacksonville, Florida

Piyush Mathur
MD,FCCM,FASA,FAMIA
Anesthesiologist and
Critical Care physician
Cleveland Clinic, US

Local Coordinator

Sridhar Nagaiyan
M.B.B.S., M.D., F.R.C.A.U.K., F.F.I.C.M.
Consultant Intensivist Critical Care
Kauvery Hospital, Chennai

Patrons

V. Kamakoti
Director, IIT Madras

Aravindan Selvaraj
Co Founder and Executive Director
Kauvery Group of Hospitals

Meet Our Expert Faculty

Ashish Khanna
Critical Care Medicine
Wake Forest University School of
Medicine in Winston-Salem, NC, USA

Avneesh Khare
MedTech Consultant+Educator India

Swapnil Mishra
Assistant Professor
at National University of Singapore

Agastya Bhati
Assistant Professor, IIT Madras

Feng Wu
Assistant Professor
Department of internal Medicine
UT Southwestern Medical Center, America

Shreya Mishra
Researcher
Cleveland Clinic

Mengling Feng
National University of Singapore

Rupsa Bhattacharjee
Assistant Professor, IIT Madras

Himanshu Sinha
IIT Madras

Dr Srinivas Samavedam
President, ISCCM
Organising Chairperson

Prof Pradip Kumar Bhattacharya
Imm. Past President, ISCCM
Co-Chairperson & Chairperson,
Abstract Committee

Dr Ranvir Singh Tyagi
President Elect, ISCCM
Chairperson,
Scientific Committee

Dr Sachin Gupta
General Secretary, ISCCM
Organising Secretary

Day 1: 25th February 2026

Time	Topic	Faculty
08:30 - 09:00	Welcome Welcome note from ISCCM leadership & organizers	Bharat Jagiasi
09:00 - 09:40	Keynotes	Kamakoti Veezhinathan Dr Manivannan S
09:40 - 09:45	Break	
09:45 - 10:00	**Datathon event plan** This session will guide participants through plans for the 2 days of the event, venue logistics and make team introductions	Kamakoti Veezhinathan Dr Manivannan S
10:00 - 10:15	**TTeam Activity : Roles , Communication, Collaboration** This session will guide participants through roles of team members, communication, and collaboration.	Piyush Mathur
10:15 - 10:30	**Clinical Problem Pitches** In this session participant teams will make pitches about the clinical problem they will be addressing through the datathon.	Ashish Khanna
10:30 - 11:00	**Overview of Dataset and Exploratory Data Analysis**	Anirban Bhattacharyya Mornin Feng
11:00 - 12:00	**Teamwork Time** Decide on clinical problem	
12:00 - 13:00	Lunch	
13:00 - 15:30	Teamwork Time	
15:40 - 17:30	**1st Mentor Checkin with team** The teams continue working. At 3:30 PMgroups of rotating mentors walk to their respective teams to review progress. This activity time is reserved for teams to work on the problem guided by the team mentors.	
17:30 - 18:30	**Day 1 prelim presentation** In this session participant teams will make presentations about their work so far including refining the clincial hypothesis and exploratory data analysis.	Avneesh Khare

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Day 2: 26th February 2026

Time	Topic	Faculty
09:00– 09:30	Keynote Lectures	Swapnil Mishra & Suurankar Datta
09:30 – 09:40	Presentation by Sponsor	Zoho
09:40 – 12:00	**Datathon event plan** This activity time is reserved for teams to work on the problem guided by the team mentors.	
12:00 – 13:00	Lunch	
13:00 – 13:15	**Fireside Chat** Modeling the clinical problem	Piyush Mathur Rupsa Bhattacharjee Sridhar Nagaiyan Moderator: Avneesh Khare
13:15 – 13:30	**Fireside Chat** What's beyond the datathon	Anirban Bhattacharyya Mornin Feng Moderator: Swapnil Mishra
13:30 – 15:00	**Teamwork Time** This activity time is reserved for teams to work on the problem guided by the team mentors.	
15:00 – 15:30	**Datathon Team Presentations** In this session participant teams will make the final presentations about their project	
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17:00 – 17:15	**Judging (Closed Door)** During this session the judges will evaluate the projects. Survey from participants : QR code on screen	Moderators Anirban Bhattacharyya Piyush Mathur
17:15 – 17:45	**Award Presentations and Closing Comments**	Srinivas Samavedam Sachin Gupta Bharat Jagiasi

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