

THE HEART FAILURE CONFLUX 2026

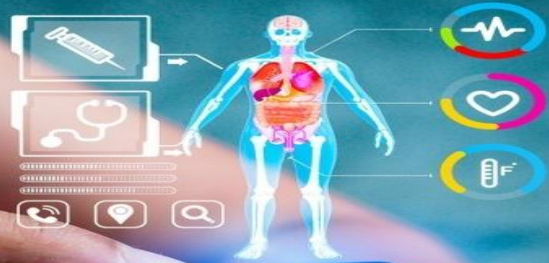
The curtain raiser event of HFAI Annual Conference 2026 Ahmedabad

Virtual Confluence of
Scientists and Clinicians Caring for Heart Failure

January 31st & February 1st 2026



Devices and Digital Tools in Heart Failure



Invited Abstract Session

Deadline for Submission - 20th January 2026

Cash Prize: First ₹ 25000, Second ₹ 15000



Sree Chitra Tirunal Institute for
Medical Sciences &
Technology (SCTIMST),
Trivandrum, Kerala



Supported by
Indian Council of Medical
Research (ICMR)



Heart Failure Association
of India (HFAI)

Websites : heartfailure.org.in | www.hfai.co.in

Dear Colleagues,

The Centre for Advanced Research in Heart Failure (CAR-HF), established under the Indian Council of Medical Research at SCTIMST, Thiruvananthapuram, is organizing **HF-CONFLUX 2026**, a confluence of heart failure specialists and basic scientists to promote interdisciplinary collaboration and translational research.

HF-CONFLUX 2026 focuses on **Devices and Digital Tools in Heart Failure**, highlighting how emerging technologies are transforming diagnosis, monitoring, and personalized care. The meeting is held in association with the Heart Failure Association of India and the International Academy of Cardiovascular Sciences, with support from the Indian Council of Medical Research.



Patron
Prof. Dr. Sanjay Behari
Director SCTIMST



Org Chairman
Prof. Dr. C.C. Kartha
Former President,
International Academy of
Cardiovascular Sciences (IACS)
India



Org Secretary
Prof. Dr. Harikrishnan S
PI - ICMR Centre for Advanced Research and
Excellence in Heart Failure. Senior Professor and
Head, Department of Cardiology, SCTIMST

SCTIMST Team

Dr. Anoop Kumar T
Dr. Baiju S. Dharan
Dr. Harikrishna Varma PR
Dr. Jeemon P
Dr. Kavita Raja
Dr. Krishnamoorthy KM
Dr. Madhusoodanan UK
Dr. Manoj G
Dr. Muraleedharan CV
Dr. Nagesh DS
Dr. Neethu Mohan
Dr. Sanjay G
Dr. Shivanesan P
Dr. Vivek V Pillai

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Dr. Linda Koshy
Dr. Reethu S
Dr. Sunaib Ismail
Ms. Abisha Vince Jeo VS
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Mr. Kochumoni R
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Dr. Ashoo Grover
HFAI Team
Dr. Abraham Oommen
Dr. Uday Jadhav
Dr. Bagirath Raghuraman
Dr. V.K. Chopra
IACS Team
Dr. Surya Ramachandran
Dr. Srinivas G

Call for Abstracts

Deadline for submission – 20th January 2026

Abstracts are invited for a reward session on Day 1 on **31st January**; the abstract should focus on the area of basics to translational research in heart failure. Submissions should be structured in **IMRAD** format and must not exceed **500 words**. A **cash prize** of **₹25,000 and ₹15,000** will be awarded for the **Best two Papers**. The Best Papers will also receive a certificate from the Heart Failure Association of India.

Submit Abstract 🖱️

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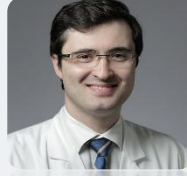
To Register 🖱️

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Speakers



Prof. John G. F. Cleland
Professor of Cardiology, School of Cardiovascular and Metabolic Health, University of Glasgow, United Kingdom



Dr. Marat Fudim
Medical Director, HCL; Associate Professor of Medicine, Cardiology, Duke Clinical Research Institute, United States of America



Dr. Vibin Ramakrishnan
Professor, Dept. of Biosciences & Bioengineering; associate faculty, Mehta Family School of Data Science & AI, IIT Guwahati



Dr. Shanmugha Sundaram
Senior Interventional Cardiologist Velammal Hospital and Medical College, Madurai



Dr. Ambuj Roy
Professor of Cardiology All India Institute of Medical Sciences (AIIMS), New Delhi



Dr. K. K. Narayanan Namboodiri
Professor
Sree Chitra Tirunal Institute for Medical Sciences and Technology



Mr Muraleedharan C Vayalappil
Scientist SG
Sree Chitra Tirunal Institute for Medical Sciences and Technology



Dr. Abhinav Sharma
Assistant Professor
Division of Cardiology, DREAM-CV Lab, McGill University Health Centre, Canada



Dr. Lynne Warner Stevenson
Vanderbilt Heart and Vascular Institute, Vanderbilt University Medical Center, Nashville, Tennessee, United States of America



Dr. M Karthikeyan, Ph.D.
Chief Scientist, Chemical Engineering & Process Development CSIR-National Chemical Laboratory, Pune



Dr. Bhupinder Singh
Professor & HOD, Cardiology, AIIMS Bathinda



Prof (Dr.) Pankaj Bhardwaj
Director
ICMR-NIIRNCD, Jodhpur



Dr. Prayaag Kini
Consultant Cardiologist. Sri Sathya Sai Super specialist Hospital, Bangalore



Prof. Santhosh Satheesh
Professor, Department of Cardiology JIPMER, Puducherry



Dr. Mintu (Minang) Turakhia
Clinical Professor of Medicine, Stanford University, United States of America

HF-CONFLUX

Agenda- Day 01

Time: 17:00 – 21:00	Date: January 31st, Saturday
Session I – Abstract session	
17:00 - 18:00	Invited Abstracts session Judges: Dr. Shivakumar, Dr. Biju Soman, Dr. Neethu Mohan, Dr. Madhusoodanan UK
Session II - Inauguration	
18:00 - 18:15	Welcome Address: Dr. Jeemon P Inauguration: Prof. Dr. C.C. Kartha Felicitations: Dr. V K Chopra, Dr. Abraham Oomman Vote of Thanks: Prof. Dr. Harikrishnan S
Session III – Invited Expert Talks	
Moderators	Dr. V K Chopra, Dr. Abraham Oomman, Dr. Biju Soman
18:15 - 18:30 (12 min talk + 3 min discussion)	Integrated Machine Learning and Systems Transcriptomics for Heart Failure: Signatures, Cell States, and Upstream Regulators Dr. Vibin Ramakrishnan Professor, Dept. of Biosciences & Bioengineering; Associate Faculty, Mehta Family School of Data Science & AI, IIT Guwahati
18:30 - 18:45 (12 min talk + 3 min discussion)	Telemonitoring for Heart Failure – What It Should and Can Offer Prof. John G. F. Cleland Professor of Cardiology, School of Cardiovascular and Metabolic Health, University of Glasgow, United Kingdom
18:45 - 19:00 (12 min talk + 3 min discussion)	Digital Heart Failure Care Models for Low-Resource Settings Dr. Ambuj Roy Professor, AIIMS Delhi
19:00 – 19:15	Recap & Conclusions
Session IV - Invited Expert Talks	
Moderators	Dr. Nagesh D S, Dr. Uday Jadhav, Dr. Ajay Bahl
19:15 - 19:30 (12 min talk + 3 min discussion)	Indigenous Cardiac Device Development: Challenges & Innovations Mr. Muraleedharan C. V Scientist 'G' & Scientist-in-Charge, Biomedical Technology Wing, SCTIMST, Trivandrum
19:30 - 19:45 (12 min talk + 3 min discussion)	Remote Monitoring for Heart Failure: What Have We Learned? Dr. Lynne Warner Stevenson Vanderbilt Heart and Vascular Institute, Vanderbilt University Medical Centre, Nashville, Tennessee, United States of America
19:45 - 20:00 (12 min talk + 3 min discussion)	Digitizing Rural Heart Failure Care: Challenges & Opportunities Dr. Bhupinder Singh Professor & HOD, Cardiology, AIIMS Bathinda
20:00 - 20:15 (12 min talk + 3 min discussion)	AI in Heart Failure Management Dr. Prayaag Kini Consultant Cardiologist, Sri Sathya Sai Super Speciality Hospital, Bangalore
20:15 – 20:45	Recap & Conclusions

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Agenda- Day 02

Time : 18:00 – 21:00	February 1st, Sunday
Session I - Invited Expert Talks	
Moderators	Dr. Jyothi Vijay MS, Dr. Shomu Bohora, Dr. G. Srinivas
18:00 - 18:15 (12 min talk +3 min discussion)	From sensors to Decisions: Devices- Guided hemodynamic monitoring in heart failure care Dr. Marat Fudim Medical Director, HCL; Associate Professor of Medicine, Cardiology Duke Clinical Research Institute, United States of America
18:15 - 18:30 (12 min talk +3 min discussion)	Left bundle branch pacing in Heart Failure Dr. Shanmugha Sundaram Senior Interventional Cardiologist Velammal Hospital and Medical College, Madurai, TN
18:30 -18:45 (12 min talk +3 min discussion)	Device-Based Strategies for Sudden Cardiac Death Prevention in Heart Failure Patients Dr. K. K. Narayanan Namboodiri Professor, Department of Cardiology, SCTIMST, Trivandrum
18:45 – 19:00	Recap & Conclusions
Session II - Invited Expert Talks	
Moderators	Dr. Harikrishnan S, Dr. Sanjay G, Dr. Jeemon P, Dr. Santanu Sengupta
18:45 - 19:00 (12 min talk + 3 min discussion)	AI-Driven Prediction Models for Heart Failure Outcomes Dr. Abhinav Sharma Assistant Professor, Division of Cardiology, DREAM-CV Lab, McGill University Health Centre, Canada
19:00 – 19:15 (12 min talk + 3 min discussion)	AI for Heart Failure drug design Dr. M Karthikeyan, Ph.D. Chief Scientist, Chemical Engineering & Process Development CSIR-National Chemical Laboratory, Pune
19:15 - 19:30 (12 min talk + 3 min discussion)	AI in Heart Failure Epidemic Preparedness Prof (Dr.) Pankaj Bhardwaj Director, ICMR-NIIRNCD, Jodhpur
19:30 - 19:45 (12 min talk + 3 min discussion)	Mobile applications for Digital health and AI in heart failure Prof. Santhosh Satheesh Professor, Department of Cardiology JIPMER, Puducherry
19:45 – 20:00 (12 min talk + 3 min discussion)	Past, present, and future of cardiac monitoring: moving beyond the ECG Dr. Mintu (Minang) Turakhia Clinical Professor of Medicine, Stanford University, United States of America
20:00 – 21:00	Recap, Conclusions & Abstract Award Announcement



Contact Us

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Professor and HOD, Dept of Cardiology

Editor-in-Chief – Heart Failure Journal of India

Principal Investigator, Centre For Advanced Research (CAR-HF)

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