

FACULTY DETAILS - CVT

Sabarivasan R

Assistant Professor, Department of Cardiovascular Technology

M.Sc. Cardiac Technology

School of Allied and Healthcare Sciences

Malla Reddy University

Hyderabad

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EDUCATIONAL QUALIFICATION:

M.Sc. Cardiac Technology,

Chettinad Academy of Research and Education, 2018-2023.

ACADEMIC BACKGROUND:

He possess a strong academic foundation in Cardiac Technology and allied health sciences, with comprehensive training in cardiovascular anatomy, physiology, and diagnostic cardiology. His academic preparation includes both theoretical knowledge and clinical exposure in non-invasive and invasive cardiac investigations, enabling effective integration of academic instruction with clinical practice.

Teaching Focus

His teaching focuses on delivering **concept-oriented and clinically relevant education** in Cardiac Technology.

He emphasize subjects such as electrocardiography, echocardiography, Cardiac catheterization, stress testing, and patient monitoring. He strive to create an interactive learning environment through case-based discussions and practical demonstrations, aiming to develop competent, ethical, and patient-Centred cardiac technologists.

Research Interests

His research interests centre on **non-invasive cardiac diagnostic techniques**, clinical applications of ECG and echocardiography, cardiovascular risk assessment, and the role of emerging technologies in improving cardiac diagnosis and patient outcomes. He is particularly interested in practice-oriented research that supports evidence-based cardiac care.

AREA OF EXPERTISE:

1. Cardiac Diagnostics and Clinical Technology
2. Electrocardiography and Cardiac Rhythm Analysis



3. Echocardiography and Cardiac Imaging
4. Cardiovascular Anatomy, Physiology, and Pathophysiology
5. Cardiac Catheterization and Interventional Support
6. Clinical Education and Competency-Based Teaching
7. Patient Care, Monitoring, and Safety
8. Research and Evidence-Based Practice in Cardiac Technology

PUBLICATIONS:

1. R, S., & Durgadevi, D. (2025). An Observational Study on Echocardiographic Assessment of Left Ventricular Function Using Simpson’s and Global Longitudinal Strain Methods in Pre and Post-Operative Coronary Bypass Grafting Patients. *Journal of Neonatal Surgery*, 14(8), 522–531.
2. Varsha S, Suresh, Ashok Kumar, Sabarivasan R, Priyadharshini R, Roshan Vaasan. An Observational study on Echocardiographic assessment of Left Ventricular function in patients with and without metabolic syndrome .” *European Journal of Clinical Pharmacy*. 2025;7(1):1850-1859.

TEACHING EXPERIENCE:

S. No	INSTITUTION	DESIGNATION	YEARS OF EXPERIENCE
1	Malla Reddy University- Hyderabad	Assistant Professor	1 year 1 month
2	Tagore Institute of Allied Health science, Tagore Medical college, Chennai .	Assistant professor	1 year

ACHIEVEMENTS AND PROFESSIONAL ENGAGEMENT:

1. Participated in **RHYTHM RISE”24**, Sri Ramachandra Institute of Higher Education and Research, Chennai.
2. Conducted and played a key role in organising **CARDIOBEAT -2K25**, International Conference (Hybrid), Malla Reddy University, Hyderabad.
3. Conducted and played a key role in organising a **STATE-LEVEL WORKSHOP** on Cardiac technology **2024**, Tagore Institute of Allied Health Sciences, Chennai.
4. A two-day National conference on **National Educational Policy (NEP) 2025**, Malla Reddy University, Hyderabad.
5. Participated in **THIT-2026,13th INTERNATIONAL HEALTH DIALOGUE**, Apollo Hospitals, Hyderabad.

WEBINAR:

1. **PRIME CME** -Foundations of Echocardiography.

ROLES AND RESPONSIBILITIES:

2. Member of the Department Research Committee
3. Institutional NAAC committee member
4. Incharge of the R24 batch of the CVT department.

5. Institutional disciplinary committee member.

9. CONTACT & PROFILE LINKS:

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