

FACULTY DETAILS – CVT

KARTHICK R

Lecturer, Department of Cardiovascular Technology
M.Sc. Cardiac Catheterization and Intervention
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2. ABOUT SHORT PROFILE

Mr. Karthick R. is an Lecturer in the Department of Cardiovascular Technology, School of Allied Health Sciences, Malla Reddy University. He holds a M.Sc. in Cardiac Catheterization and Intervention and a B.Sc. in Cardiac care Technology. His academic and clinical expertise includes diagnostic cardiac catheterization, coronary angiography and Intervention, hemodynamic assessments students-centered pedagogies aligned with outcome-based education emphasis on hands-on training and clinical application.

3. EDUCATIONAL QUALIFICATION:

DEGREE & SPECIALISATION	NAME OF THE INSTITUTE	YEAR OF PASSING
M.Sc. Cardiac Catheterization and Intervention	Srinivas University Institute of Allied Health Sciences	2025
B.Sc. Cardiac Care Technology	Dr. M.G.R. Educational & Research Institute (deemed university)	2023

4. AREAS OF EXPERTISE:

- Diagnostic Cardiac Catheterization
- Vascular Access and Closure Techniques
- Coronary Interventions
- Hemodynamic Evaluation
- Cardiovascular Instrumentation
- Peripheral and Structural Interventions
- ECG, TMT, and Holter Monitoring
- Patient Preparation and Procedure Documentation

5. PUBLICATIONS:

S. NO.	TITLE OF THE PAPER	JOURNAL DETAILS
1	Association of Severity of Coronary Artery Disease with Duration of Risk Factors in Patients Undergoing Coronary Angiography	Research in Cardiovascular Medicine 14(1):p 36-39, Jan–Mar 2025. DOI: 10.4103/rcm.rcm_61_24-1
2	Factors Influencing Electrocardiogram Pattern in Children and Adolescents: A Systematic Review for Future Research	Journal of Cardiac Critical Care TSS, 2024;8:85-94. doi: 10.25259/JCCC_74_2023
3	Echocardiography Evaluation of the Left Ventricular Mass Index (LVMI) and Geometrical Pattern in Pre-Eclampsia and Pregnancy- Induced Hypertension Patients	Journal of Health Science and Medical Research [Online], 42.5 (2024): e20241048. Web. 5 Feb. 2026
4	Drone systems for delivering defibrillators for sudden cardiac arrests	Journal of Acute Disease 13(1):p 1-2, February 2024. DOI: 10.4103/jad.jad_116_23
5	Assessment of knowledge, attitude, and practice of blood donation among paramedical students of a medical college in Chennai, Tamil Nadu	Iraqi Journal of Hematology 13(1):p 71-78, Jan–Jun 2024. DOI: 10.4103/ijh.ijh_21_24
6	Shockwave Intravascular Lithotripsy: The Future of Coronary Intervention?.	Research in Cardiovascular Medicine 12(4):p 103-107, Oct–Dec 2023. DOI: 10.4103/rcm.rcm_47_23
7	Robotic percutaneous coronary intervention (R-PCI): Time to focus on the pros and cons,	Indian Heart Journal, Volume 75, Issue 3, 2023, Pages 161-168, ISSN 0019-4832, https://doi.org/10.1016/j.ihj.2023.04.002 .

6. TEACHING EXPERIENCE

S. NO.	INSTITUTION	DESIGNATION	DURATION
1	Malla Reddy University, Hyderabad	Lecturer	2 Months

7.ACHIEVEMENTS & PROFESSIONAL ENGAGEMENT

1. Participated in Convergence international conference on allied health & science 2022(Chennai,Tamil Nadu)
2. Participated in and presented in “cardiology update 2022”-dr.M.G.R Educational & Research Institute(deemed university), Chennai,Tamil Nadu.
3. Participated in and presented in Heart health awareness national conference on basic life support 2023(Hyderabad,Telangana) .
4. Participated in Heart health awareness national conference on basic life support 2023(Hyderabad,Telangana)
5. Participated in 14th manipal cardiology update -2023,focus on echocardiographic
6. Participated in “thesis without tears” -2024, srinivas university (Mangalore, Karnataka)
7. Participated in Heart failuer on focus in cardiology update from kmc manipal university 2024(Mangalore, Karnataka)
8. Participated in National level conference in heartscape’25 from yenepoya school of allied health & Science 2025(Mangalore, Karnataka)
9. Participated in “BLS -2025”, Srinivas University (Mangalore, Karnataka).

8.ROLES & RESPONSIBILITIES

- Incharge of the PG R25 batch of the CVT department

9.CONTACT & PROFILE LINKS:

- **LINKED IN PROFILE:** https://www.linkedin.com/in/karthick-r-98bab9269?lipi=urn%3Ali%3Apage%3Ad_flagship3_profile_view_base_contact_details%3Bj5sEpDsIT6akH319fHupmg%3D%3D
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