

# Acknowledgement

I thank Jesus Christ for everything, as wisdom and grace come from Him.

Working on this project under the guidance of Dr. Sivakumar Balasubramanian, the Head of the Department of Bioengineering at CMC Vellore, has been an immense privilege for me. I am deeply grateful to him for his mentorship and instruction. His support and encouragement played a pivotal role in the successful completion of the project.

I sincerely thank Dr Aravind Neruji, for ideas and suggestions that helped me in the development of the ArmBo.

I sincerely thank Mr Prem Kumar, PhD scholar at IIT Madras, and Mr. Samuel Elias for their scientific inputs.

I sincerely thank Mr Satish, Mr Manavalan, Mr Sarath Kumar, for their design suggestions of ArmBo.

I would like to thank my batch mates, colleagues, office staff, and friends for their support and encouragement.

At last, I would like to thank my parents and well-wishers for their love and support.