Dr. M. Arunadevi
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With over 16 years of academic and research experience, I blend strong theoretical foundations with practical applications in Mechanical Engineering, AI-driven optimization, robotics, and advanced manufacturing systems. Currently serving as an Associate Professor at DSCE, Bangalore, I am dedicated to mentoring future engineers and driving innovation through research and quality initiatives.

I hold a PhD in Manufacturing Science from Visvesvaraya Technological University, an MBA in Financial Management from Anna University, an M.E. in Industrial Engineering from Thiagarajar College of Engineering (where I secured First Rank during 2006–2008), and a B.E. in Instrumentation and Control Engineering from SIT, Madurai Kamaraj University. I have authored 48 publications in reputed international journals and conferences, including 19 indexed in Scopus. My research spans machine learning, robotics, optimization, and smart manufacturing. I have guided one PhD scholar, mentored 15 postgraduate students, and supervised 20 undergraduate batches.

In recognition of my academic excellence and leadership potential, I was selected for the prestigious “Women Scientists for Leadership Training Program” by the Department of Science and Technology (DST), Government of India. I am an Associate Member of the Institution of Engineers (India) and currently serve as the Faculty-Chair for Indian Women in 3D Printing (IW3DP), further contributing to diversity and advancement in STEM fields.

I am dedicated to fostering quality, innovation, and collaboration between academia and industry, in line with the core values of QCFI. My efforts focus on bridging the gap between academic institutions and professional bodies like QCFI, enhancing the skillsets of both students and faculty while offering training on contemporary industrial practices. Additionally, I have contributed as a jury member for several competitions organized by QCFI, promoting knowledge sharing and excellence in quality-driven initiatives.