

Nomination to AAEE Executive Committee - Dr Ramadas Narayanan



Introduction

I am Dr Ramadas Narayanan, a Mechanical Engineer with diverse ranges of experiences over 20 years, which include industry, research, and several academic experiences in a variety of roles over different universities and programs, including the University of South Australia, Curtin University, and Charles Darwin University. Currently, I am a Lecturer at the School of Engineering and Technology at Central Queensland University.

Over these years, I received several awards and CQ University Vice-Chancellor's Award for Outstanding Contributions to Learning and Teaching, and the CQU Student Voice Award as Campus Educator of Year 2017 are among the few. I have several publications in Learning and Teaching and three papers in AAEE conferences. In total, I have over 30 publications including publications in top-rated journals and has over 141-lifetime citations. I am Member of several professional associations such as Australian Institute of Refrigeration, Air-conditioning and Heating (AIRAH), Australia Solar Society and the Chair of EA's Bundaberg Regional Group.

My teaching philosophy

Today, the engineering profession and the education of engineers are challenged by the rapidly changing nature of engineering systems. In this context, authentic learning experiences are important for engineering students, as it has been shown that learning improves when the educational environment is designed to be as close as possible to the work environment. Besides, students are better motivated by having to solve real-world problems and prefer active learning rather than listening. I strongly support approaches that promote active learning in engineering education, as they offer effective student-centered learning and support the development of the ability of students to assimilate the problem-solving process in realistic situations.

My statement of intent

With several experiences in academic roles in different university programs and wide ranges of industry associations/contacts, I am keen to promote authentic teaching practices and work closely with members to foster excellence and innovation in engineering education in Australasia.