



## Multidisciplinary AI Research Center (MARC)

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Faculty of Engineering

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TO the Secretary General  
Core Academy

Dear Secretary General

I am deeply honoured to accept my nomination as a Fellow of the Core Academy. My heartfelt gratitude goes to those who nominated me, recognizing my contributions to the advancement of research. I am currently acting as Director of the Multidisciplinary AI Research Centre at the University of Peradeniya. Our mission aligns seamlessly with the Academy's vision of Advancing Knowledge for Humanity. We drive impactful dissemination programs, train young engineers, and conduct pioneering multidisciplinary research, with my work focusing on integrating AI with smart grids to optimize renewable energy systems.

A significant challenge we face in a developing nation is limited access to computational resources, particularly GPU infrastructure, which hinders our research capabilities. I am eager to foster collaborations with the Core Academy and its partner institutions to access advanced GPU resources, enabling mutually beneficial research that accelerates AI innovation. Such partnerships could empower our team to contribute meaningfully to global advancements in sustainable technology.

I am excited to actively engage in Core Academy initiatives, collaborating with fellow members to advance our shared mission. By leveraging collective expertise and resources, I am committed to driving impactful research and nurturing the next generation of innovators. Thank you once again for this prestigious opportunity. I look forward to contributing to the Academy's transformative efforts in advancing knowledge for humanity.

Prof. Janaka Ekanayake

BScEng(Hons), PhD, FIEEE (USA), FIET (UK), FNAS (SL), FIESL, CEng

Senior Professor and Chair of Electrical and Electronic Engineering, and

Director/University Research Council, University of Peradeniya

Director/Multidisciplinary AI Research Centre