



Department of Psychology  
The University of Hong Kong  
香港大學心理學系

Oct  
16  
2025

## Departmental Seminar

### Advanced Neuro-Interventions: Exploring the Therapeutic Impact of Animal-Assisted Neuropsychological Interventions and EEG Neurofeedback



**Dr. K. Jayasankara Reddy**

Professor of Psychology  
Dean, School of Social Sciences  
CHRIST

**4:00p.m. – 5:00p.m.**

Room 1103-1104, 11/F  
The Jockey Club Tower  
Centennial Campus  
The University of Hong Kong

#### Abstract

This presentation explores two cutting-edge new approaches to neurocognitive training and emotional regulation. We will first examine EEG Neurofeedback (NF), detailing its mechanism as a non-drug method to stabilize brain activity, particularly for conditions like uncontrollable epilepsy. We will then discuss Animal-Assisted Interventions (AAIs), focusing on how recent research demonstrates their impact on emotional regulation and cognitive function. Drawing on the latest research, including studies from my PhD scholar's research work, the talk highlights the potential of both advanced tools for research and clinical practice.

#### About the Speaker

Dr. Reddy is a leading expert in Neuropsychology and Cognitive Neuroscience with over 20 years of experience in teaching, research, and academic leadership. He serves as Professor of Neuropsychology and Dean of the School of Social Sciences at Christ University, Bangalore, India. Dr. Reddy has authored eight books with prominent publishers like Springer Nature, Routledge, and Elsevier, and has published over 200 research articles on cognition, stress, mental health, and aging. He has successfully led four major research projects funded by national and international agencies. He has guided and graduated 18 PhD, 15 M.Phil by research, and more than 100 postgraduate research project students in the area of Health, Neuropsychology, and Cognitive Neuroscience.

Dr. Reddy is a recipient of several prestigious awards, including the Best Performance Award from the Indian School Psychology Association, the ISMA Research Award for his work on stress and mental health, and the Outstanding Faculty Award from 360Career, India.

#### Zoom Meeting (For participants who couldn't attend the Seminar in person)

<https://hku.zoom.us/j/6985555998?pwd=V05yTGJWNTIzazd2OFZ0Q3FReHVkdz09>

Meeting ID: 698 555 5998 | Password: Psyc

~ All are Welcome ~

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