



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION &  
RESEARCH

SRI DEVARAJ URS MEDICAL COLLEGE

Tamaka, Kolar

DEPARTMENT OF PHYSIOLOGY



## EVENT REPORT

Department of Physiology conducted a Guest lecture on “Neural plasticity and Brain Repair Mechanisms: New Challenges in Treating Neurological and Psychiatric Disorders” on 14th July 2025

The speaker was Dr. B.S. Shankaranarayana Rao

Professor, Department of Neurophysiology,

National Institute of Mental Health and Neuro Sciences (NIMHANS),

Bengaluru, INDIA

He stated that the human brain is an extraordinary organ, capable of reorganizing itself in response to injury, learning, and experience — a property known as neural plasticity. Neuroplasticity refers to the brain's capacity to change its structure and function in response to experience, learning, or injury. This adaptability enables the brain to compensate for lost functions or maximize remaining functions in the event of brain injury. Advancements in neuroscience have led to innovative approaches aimed at harnessing neuroplasticity for brain repair. Understanding and enhancing neuroplasticity holds immense promise for improving learning, memory, and recovery from brain injuries. Ongoing research continues to uncover effective strategies to harness this adaptability, offering hope for innovative treatments and improved outcomes in neurological health.

Welcome speech was delivered by Dr. Jagadamba A, HoD of Physiology

Dr. Sarala N, Director, Academics, SDUAHER introduced the invited speaker to the audience.

108 people including students and faculty attended the Guest lecture and it was much appreciated by the audience.

Vote of thanks delivered by Dr. Geetha S, organizing secretary, Department of Physiology, SDUMC, Kolar

Prof & HOD

Sd/-



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