



Dept. of MBBT

2nd Distinguished Lecture Series 2023-24



Talk 4: *Echis carinatus* venom-induced sustained tissue degeneration, pathology and strategic remedy

Date: 1st Sept. 2023

Time: 3:30 PM

Venue: Seminar Hall Dept. of EVS

Speaker

Prof. K. Kemparaju

Professor

Department of Studies in Biochemistry

University of Mysore

Prof. Kemparaju and his team at University of Mysore pursue understanding the mechanism of viper bites induced sustained tissue decay (with a special emphasis on the role of innate immune cells, the neutrophils and NETosis), venom-induced methemoglobinemia due to oxidative stress and hypoxia, venom neutralization strategies by anti-venom and small molecules-such as melatonin, venom variability due to geographic distribution of snake species, and characterization of molecules of therapeutic importance.