

presents an invited expert talk on

Directed Energy Weapons

Speaker: Dr. S. Umamaheswara Reddy, Sc. H,
Ex-Director, MTRDC, DRDO, Bangalore, India.

Date: 27th March 2024

Time: 2 PM – 3 PM

Place: LHC-CR001

About the Speaker:

Dr S Umamaheswara Reddy, an Outstanding Scientist (Sc. 'H'), retired as the Director of Microwave Tube Research & Development Centre (MTRDC), Bangalore, on 31 May 2021. He holds an M.Tech in Electronics from Osmania University, Hyderabad, and a Ph.D. in Electronics specializing in Microwave Tubes from the Indian Institute of Technology BHU, Varanasi.

Dr Reddy initially worked with M/s BEL, Machilipatnam, as a deputy engineer and worked on developing night vision devices. He joined MTRDC as Scientist 'B' in May 1987 and took over responsibilities such as Project Manager, Group Head, Divisional Head, & Project Director. He has contributed to several projects and technologies. He has been designing and developing various Helix-and Coupled-Cavity TWTs for Defence Systems, MPM-based Transmitters, High Power Microwaves – Directed Energy Weapons, Vacuum Electronic Devices, etc.