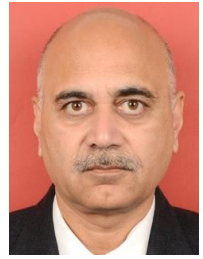


Brief Biodata

Akhilesh Sharma, Scientist H & OS, Associate Director,
Terminal Ballistics Research Laboratory, DRDO, Chandigarh



Received Masters in Computer Science from JK Institute of Applied Physics, Allahabad University and later Masters of Engineering in Computer Science & Eng. from MNREC, Allahabad University, Allahabad.

Joined Terminal Ballistics Research Laboratory, Chandigarh, DRDO in 1989 and has been involved in several areas of defense research. Presently working as Associate Director in TBRL, Chandigarh. Current interests include numerical simulation of high strain rate phenomena, impact & penetration, blast-structure interaction, insensitive munitions compliance, low intensity conflict, warheads and munitions for drones, high speed captive dynamic flight testing and shock & detonics studies.

Life member of Physics Society of India, High Energy Material Society of India and Aeronautical Society of India. Publications- more than thirty papers in international and national symposia and seminars - on topics related to impact & penetration, equation of state studies, sympathetic detonation, sensitivity of explosives, image processing, networking and data acquisition. Awards- Technology Day & Group awards by the laboratory, Dalmia-HEMSI Award by High Energy Material Society of India and Three Special Team Awards by DRDO.

Title of talk- Military Applications of UAV's

The talk will cover the following-

- Classification of UAVs
- Important Military UAVs of world
- Types of UAV Munitions
- Use of lightweight UAVs in wars
- Munitions and UAVs developed by TBRL
- Challenges and Issues