



**SOCIETY OF DEFENCE TECHNOLOGISTS**  
**(Webinar on “Drone and It's applications in Defence Industry”)**

**Date:- 08<sup>th</sup> December 2021 Venue:- Through VC**  
**(Webex Platform)**

**Programme Details**

**TIME**

**EVENT**

**10.00 - 10.05 Hrs**

**About SODET by Shri Ravindra N, Sec.  
Gen/SODET**

**10.05 -10.15 Hrs**

**Key Note Address by CMD, BDL &  
Chairman, SODET**

**10.15 -12.45 Hrs**

**Talk on “Drones (the flying friend and foe) and  
It's applications in Defence Industry”  
by Prof. S N Omkar, (IISC)**

**12.45 -01.00 Hrs**

**Vote of Thanks**

## **Brief on Faculty**

Dr. S. N. Omkar's research interests include Satellite image processing, Uninhabited Air Vehicles (UAV), Drone Computing, Nature-inspired algorithms, Biomechanics and Yoga. He is also pursuing several projects and research work in the area of Satellite and UAV image processing; Flood and Disaster Management; and Yoga. He has developed several algorithms and used them for a variety of applications like road extraction, flood assessment, crop classification, crop growth analysis, radiation monitoring etc. The other facet of Dr. Omkar's research includes composite design optimization using nature inspired techniques.

He has also pioneered in using biomechanical simulation framework for analysis of yogic postures. He has established a laboratory facility towards this. Dr. Omkar is also a celebrated practitioner and teacher of Yoga. He has been conferred the Karnataka State Rajyothsava Award from the Government of Karnataka and the Kempegowda Award from Bruhat Bengaluru Mahanagara Palike for his contributions in the field of Yoga.