

Prof. Ashok Vaseashta

He received PhD degree from the Virginia Polytechnic Institute and State University, VA USA in 1990. Currently, he serves as an Executive Director and provides leadership to promote strategic research initiatives and priorities at several institutions in the US. He is a Chaired Professor at the Ghitu Institute of Nanotechnology at the Academy of Sciences of Moldova and in addition, he holds positions of visiting Professor positions in Turkey and Romania. He has held several key leadership positions in academia, US Government, and industry. He is a fellow of the APS, NYAS, and Institute of Nanotechnology.

His research interests are focused on nanotechnology in biology, platforms for targeted drug delivery, sensors/detectors, IoT, wearable electronics, Critical-Infrastructure protection, biosecurity, environmental pollution monitoring/detecting & remediation, and green nanotechnology. He has authored over 200 research publications, edited/ authored seven books on nanotechnology, presented many keynote and invited lectures worldwide, and served as Director of several NATO Advanced Study Institutes & Advanced Research workshops supported by Emerging Security Challenges Division.

He is an active member of several national and international professional organizations.