




The Vanguard Lecture

Guest	Professor Lalit Mohan Kukreja AvH Fellow Founder-President Epi-knowledge Foundation	
Date	01 November 2017	
Lecture Title	Emerging Technologies of Laser Materials Processing	
Abstract	<i>Lasers is one of the path breaking discoveries and developments of the last century, which is revolutionizing a myriad of technologies of this century. One of such technologies is industrial manufacturing through lasers in materials processing. In this lecture we will discuss the growth of the field of laser materials processing with an objective to review the ongoing research and development and get an essence of the emerging areas of laser based manufacturing technologies. Some of these areas are laser additive manufacturing, ultra-short pulsed laser peening, laser forming etc. Finally, we will discuss the potential of these emerging technologies for industrial applications pertinent to our societal and national needs.</i>	
Attendees	I Year EE B.Tech. Students + II Year EE B.Tech. Students + III Year EE B.Tech. Students + M.Tech. EE Students + Ph.D. EE Students + Any other interested student + All faculty members are cordially invited	
Venue	Lecture Hall Complex (Room number 105)	
Time	16:00 – 17:30 60 minutes lecture + 30 minutes Interaction, Questions & Answers	

Speaker's Bio-data

Professor Dr. Lalit Mohan Kukreja is a scientist, educationist and public orator, who has spent nearly four decades in Department of Atomic Energy, Government of India until his retirement in 2015 as an 'Outstanding Scientist' and Head of Division. He is recipient of the Materials Research Society of India (MRSI) medal in 2011, Japan Society for the Promotion of Science Fellowship in 2012 and Alexander von Humboldt Fellowship, Germany in 1990. He was a distinguished professor of Homi Bhabha National Institute, Mumbai and has published more than 400 research papers and articles in international/national peer reviewed journals and as book chapters. He has been invited by numerous science academies and research institutes within India and abroad to deliver seminars and carry out collaborative research. He has two 'Nature' Correspondences to his credit. Currently he is the Founder-President of Epi-knowledge Foundation, an NGO for the promotion of Science and Education based in Mumbai. Some of his lectures are available on YouTube, which may be searched as: lalit mohan kukreja.