

# INSTITUTE LECTURE

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| <b>Speaker</b> | Prof. Kasturi Lal Chopra                         |
| <b>Title</b>   | <i>From Atoms to Nanomatter</i>                  |
| <b>Date</b>    | 5 <sup>th</sup> October 2016                     |
| <b>Time</b>    | 5:30 PM ( <i>Tea will be served at 5:15 PM</i> ) |
| <b>Venue</b>   | L-4, LHC   |



## About the Speaker

Prof. Chopra is a material physicist and obtained his Ph.D. from University of British Columbia, Canada under World Univ. Fellowship. After working in senior R&D positions for 17 years in different institutions in Canada, Germany and USA, he joined IIT Delhi as Senior Professor and served in various senior academic positions as Head and Dean. Challenged by the offer of Directorship of IIT Kharagpur, he served for two terms of 10 years as an exceptional case and turned the IIT around to its premier place. After retirement, he served IIT Delhi as IREDA (Indian Renewable Energy Development Agency) Chair Professor in the area of Solar Energy. Presently, he is a Distinguished Honorary Professor of several premier academic institutions and Advisor/ Consultant to several industries and is the founder of the Thin-film Laboratory at IIT Delhi.

Prof. Chopra has supervised 60 PhD students, authored/co-authored/edited 10 books, published over 430 research papers, held 5 US patents, and transferred 10 know-hows to industry in the areas related to Thin Films and Nanomatter and his students have set up 12 industries in related areas. His first book *Thin Film Phenomena* published in 1969 is still considered as the Bible of the field for students.

Prof. Chopra is the recipient of several prestigious awards which include S. S. Bhatnagar Prize, Bhabha Award, Krishnan, Aryabhata & Mahalanobis Medals, FICCI, Bhasin and Roy Awards, Distinguished Scientist and Life-time achievements awards of Solar Energy Society, Indian Vacuum Society and Materials Research Society of India, Life Time Contributions Award in Engineering by Indian National Academy of Engineering and the ISI (USA) Citation–Laureate award for being one of the eight “most highly cited” scientists of India. He is the Fellow of all Science and Engineering Academies of India and a founder member of the *Society for Scientific Values*, an organization serving as a watchdog for promoting integrity and ethics in scientific pursuit. Prof. Chopra has been conferred Padamshri by the Government of India for his contributions to science and engineering.