Plenary Talk
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"Einstein & $E=mc^2$"

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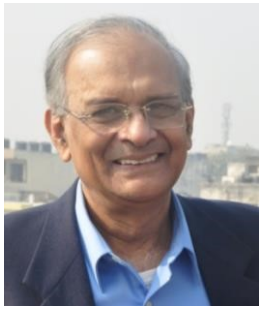
Abstract: The talk will briefly discuss the significance of Einstein's famous equation $E = mc^2$ and understand how light was "created". The talk will also highlight "Raman Effect" in context of the history of development of Science and Technology in India.



Ajoy Ghatak is currently Professor Meghnad Saha Fellowof NASI (The National Academy of Sciences, India). His research interests are in Fiber Optics and Quantum Mechanics. He has authored several books including his undergraduate text on ***OPTICS,*** which has been translated to Chinese and Persian. His other books include *Quantum Mechanics* (co-authored with Professor S. Lokanathan), *Fiber Optics*, *Optical Electronics* & *Lasers* (all 3 co-authored with Professor K. Thyagarajan) and a popular book on *Albert Einstein: The Story of a Genius.* He is recipient of the 2008 SPIE Educator award in recognition of "*his unparalleled global contributions to the field of fiber optics research, and his tireless dedication to optics education worldwide..*"; the 2003 Esther Hoffman Beller award (instituted by The Optical Society of America) in recognition of his "*outstanding contributions to optics education …*" ; International Commission for Optics 1998 Galileo Galilei award and also the CSIR 1979 S.S. Bhatnagar award for "*outstanding contributions in physical sciences*".