

Prof. Venugopal Achanta

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Brief Biodata

Prof. Venu Gopal Achanta

Director, CSIR-NPL

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He joined CSIR-NPL as Director on 21st June 2021.

Prof. Venugopal Achanta did his M.Sc. in Physics from Central University Hyderabad. He obtained PhD in Physics from TIFR in 2000 for his work on Exciton dynamics in low dimensional semiconductors. In 2006 he was awarded PhD in Electronics Engineering from Tokyo University for work on design and demonstration of an ultrafast all-optical switch. This work was done as a NEDO Fellow at the headquarters of Japanese National Femtosecond Technology project, FESTA Labs between 2000 and 2003. From 2003 to 2004 he worked as JST Fellow in the Quantum Information Technology group, Basic Research Labs, NEC, Japan. He joined TIFR as faculty in 2004 where he was a Professor (H) since 2018. His research interest is in classical and quantum information processing with dipolar emitters like quantum dots embedded in photonic and nanophotonic structures.