



Dr. R. K. Shevgaonkar , *Director*

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TALK : [Electrical Modeling of Photonic Crystal Defects](#)

Dr. R.K. Shevgaonkar received his B.E. degree with Gold Medal in Electrical engineering from Jiwaji University, M.Tech. from IIT Kanpur and PhD. from IIT Bombay. He was a Scientist at Indian Institute of Astrophysics and Raman Research Institute. After doing his Post Doctoral fellowship at University of Maryland, USA, he joined IIT Bombay. He has occupied various positions at IIT Bombay like Dean of Students' Affairs, Dean, Resource Mobilization, Head, Department of Electrical Engineering, Head, Centre for Distance Engineering Education Programme, and Deputy Director. He was the Vice Chancellor of University of Pune and presently he is the Director of IIT Delhi. He has been a Visiting Professor at University of Lincoln, USA, and ETH, Zurich, Switzerland, and ISEP Paris, France.

Dr. Shevgaonkar has been an active researcher in the area of Optical communication, Image processing, Antennas, Microwaves, Radio astronomy etc. He has published more than 150 papers in international journals and conferences, and two books namely Electromagnetic Waves and Transmission lines for Electrical Engineers. He has guided 18 PhDs and more than 30 M.Tech. dissertations. His video and web lectures on Electromagnetics and Fiber optic communication are used worldwide through YouTube.

Dr. Shevgaonkar is recipient of IEEE Undergraduate Teaching award 2011, IETE award for his outstanding contribution to Optical communication, and the 'Excellence in Teaching' award of IIT Bombay. He has received the Education Leadership Award 2012 from Headlines Today, New Delhi. He is also a recipient of VASVIK Award (2009) in the category of Information & Communication Technology, IETE – Ram Lal Wadhwa Award (2013) and IEEE William E. Sayle Award for Achievement in Education (2014). He is Fellow of IEEE, Fellow of Indian National Academy of Engineering, Fellow of National Academy of Science, India, Fellow of Institution of Electronics and Telecommunication Engineers, Fellow of Optical Society of India, Fellow of Institution of Engineers, Fellow of Maharashtra Academy of Sciences, and Member of International Astronomical Union and Astronomical Society of India. He has been a member of many international and national research and educational committees.