



**Department of Electronic Science**  
**University of Delhi South Campus, India**  
**IEEE Antenna and Propagation Society**  
**&**  
**Council on RFID Delhi Chapter, India**  
**Jointly organize**



**Distinguished Lecture**  
**“Applications of Microwave Technology”**

**August 20, 2024|| 11:00 AM - 12:30 PM, Online mode**

*The talk will highlight research trends in RF and Microwave technologies, focusing on their diverse applications across various fields. Emphasizing recent advancements and emerging methodologies. Topics will include novel applications in communications, radar systems, satellite communications, and emerging technologies such as 5G and beyond. The talk will also address challenges, opportunities, and future directions in the RF and Microwave Technology.*

**Distinguished Speaker**

**Prof. Girish Kumar, Fellow of IETE, Life Member IEEE, & Life Member, ISTE, Department of Electrical Engineering IIT Bombay Powai, Mumbai, India**

**Google Meet link:**

**<https://meet.google.com/fzu-mpwr-kxg>**

**Dr. Ashwani Kumar**  
**Secretary, IEEE CRFID-APS**  
**Associate Professor**  
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**Prof. Kamlesh Patel**  
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## Distinguished Lecture Applications of Microwave Technology

### Prof. Girish Kumar

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#### Event Details :

Date : Tuesday 20<sup>th</sup> August 2024

Time : 11:00 AM – 12:30 PM IST

#### Online Mode

Meeting Link: <https://meet.google.com/fzu-mpwr-kxg>

**No registration fee**

Registration Link: <https://forms.gle/Bvk3n6yJE2WzPizA7>



### Abstract

The talk will highlight research trends in RF and Microwave technologies, focusing on their diverse applications across various fields. Emphasizing recent advancements and emerging methodologies. Topics will include novel applications in communications, radar systems, satellite communications, and emerging technologies such as 5G and beyond. The talk will also address challenges, opportunities, and future directions in the RF and Microwave Technology.

### About the speaker

Prof. Girish Kumar received the Ph.D. degree in electrical engineering from IIT Kanpur, Kanpur, India, in 1983. From 1983 to 1985, he was a Research Associate with the Electrical Engineering Department, University of Manitoba, Winnipeg, MB, Canada. From 1985 to 1991, he was an Assistant Professor with the Electrical Engineering Department, University of North Dakota, Grand Forks, ND, USA. He was nominated for outstanding faculty award for excellence in undergraduate teaching, University of North Dakota, Grand Forks, USA, 1987. He also received Elwyn F. Chandler award for superior teaching and special commitment to and relationships with undergraduate and graduate students, University of North Dakota, Grand Forks, USA, 1989. He was the Chairman of Wilcom Technologies Pvt. Ltd., Mumbai, India, an IIT Bombay incubated company. Since 1991, he has been with IIT Bombay, Mumbai, where he is currently a Professor with the Electrical Engineering Department. He is Fellow of IETE, Life Member IEEE, & Life Member of ISTE, India. He has authored or coauthored more than 300 papers in the international and national journals and conference proceedings. He has authored four books. He has filed nine patents. His current research interests include antennas, microwave circuits, and systems. He had developed several products such as mobile phone jammers, signal enhancers, antennas, power dividers, couplers, filters, and amplifiers.



**Organized by:** Department of Electronic Science,  
University of Delhi South Campus, New Delhi and IEEE  
CRFID-APS JOINT CHAPTER DELHI SECTION

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