



विद्युत अभियांत्रिकी विभाग  
DEPARTMENT OF ELECTRICAL ENGINEERING  
भारतीय प्रौद्योगिकी संस्थान कानपुर  
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2<sup>nd</sup> October, 2016

Dear Sir/Madam,

A short course on “Cooperative 4G/ 5G MIMO Wireless Technology and Research Opportunities at IIT Kanpur” is being organized by IIT Kanpur in Bengaluru from 28<sup>th</sup> to 30<sup>th</sup> December 2016 in association with E & C Dept., M.S. Ramaiah Institute of Technology Bengaluru. Relay based Cooperative Communication schemes have become very popular for 4G/ 5G wireless cellular networks. The course will introduce participants to various cooperative protocols such as Decode-and-Forward (DF), Selective DF, Amplify-and-Forward (AF), together with in-depth analysis. The course is suitable for B.Tech/ M.Tech/ Ph.D. students, faculty members and industry participants pursuing research or working in 4G/ 5G wireless technologies. In addition, the course will also include a MATLAB demonstration which participants will find practical and useful. More details regarding the course can be found at,

<http://www.iitk.ac.in/mwn/bengaluru/index.html>

The instructor will interact with the participants and explain the **procedure regarding admission to various programs M.S./M.Tech/Ph.D. in IIT Kanpur** and also **research opportunities available** in the EE Department at IIT Kanpur in the area of Next Generation 4G/ 5G wireless communication systems. This is the first short course *being organized in the technology hub of Bengaluru* to exclusively reach out to interested students at all levels (B.Tech/ M.Tech/ Ph.D), faculty and industry members in Karnataka and neighboring areas interested in learning about the latest research in wireless technologies and also regarding admission/ interaction with IIT Kanpur faculty. *Participants will be provided with a course completion certificate from IIT Kanpur on completion of the course.*

Please do not hesitate to contact us for any further information

Thanking you,  
Sincerely

  
(Aditya K. Jagannatham)

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