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Mr. Ankit Khandelwal

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&

All Committee Members of IEI – Bareilly Local Centre, Bareilly



Department of Electronics and Communication Engineering

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The Institution of Engineers (India)

AN ISO 9001-2008 CERTIFIED ORGANISATION

(Established in 1920, Incorporated by Royal Charter 1935)

“98 years of relentless journey towards Engineering

Advancement for Nation Building”

**National Seminar
“Microwave & Millimeter
Wave Technology”**

30th March 2019, Saturday



Organized by

The Institution of Engineers (India)

Bareilly Local Centre

270, Camphor Estate Colony, C.B. Ganj, Bareilly - 243502

In association with

Department of
Electronics & Communication Engineering

**Shri Ram Murti Smarak
College of Engineering & Technology, Bareilly**

VENUE : New Seminar Hall, SRMSCET, Bareilly

ABOUT THE INSTITUTION OF ENGINEER'S (INDIA)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of over 0.8 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering. In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 121 Centres located across the country. The Institution provides grant-in-aid to its members to conduct research and development on engineering subjects. IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: www.ieindia.org

ABOUT THE DEPARTMENT

The Department of Electronics & Communication Engineering at Shri Ram Murti Smarak College of Engineering & Technology, Bareilly framed in 1996 and offers B.Tech and M.Tech. Programs. We provide the essential stage to sprouting architects and technocrats to hone their thinking, diagnostic and relational abilities alongside imperative

specialized information so they can meet with certainty the future difficulties of developing innovation. The department endeavours to give condition of craftsmanship foundation and offices to our undergrad and postgraduate understudies where they convey their undertaking and research thoughts to fulfilment, the Department of ECE has stressed on embracing modern learning strategy enhanced aptitudes of understudies, inquire about action and so forth. The Department houses a focal point of greatness in various upcoming technologies of forth industrial revolution to enhance the employability aptitudes of understudies in explicit territory. To create mastery of the understudies in their general vicinity important to meet out the component of industry. The Department arranges workshops, courses and national gathering each year on most recent patterns and rising advances to give a stage of meetings to generate new ideas for workforce and understudies by communication with respective industry individual.

ABOUT THE SEMINAR

The field of Microwave and Millimeter wave has experienced a gigantic change in outlook in the most recent decade in mission for fast, ultra high increase, relative wide data transmission, polarization immaculateness alongside scaled down structure. From being an innovation that had imprisonment to guard and military based applications, it is presently in the cutting edge as a principal innovation in Wireless interchanges, for example, 5G, fast calculation and other modern, medicinal and business applications. Difficulties are various due to irregular non-linearity, non-homogeneous condition and disseminated parameter based examination. As uses of Microwave and Millimeter wave proceed to develop and as this innovation turns into a typical factor in the logical and building networks it is basic that rehearsing engineers, researchers ought to be completely acquainted with the estimation standards, gadgets and structure essentials fundamental the innovation. This

workshop will manage the designing networks alongside a slope of known information, with the most elevated regard for the fundamental ideas that structure the establishment of creations and disclosures.

The different rising territories that might be incorporated under the topic of Seminar are as per the following:

- Basic Electromagnetic Theory
- Low loss Antenna & Guided Structure
- Reconfigurable Antenna
- Dielectric Resonator Antenna
- EMI
- Design of Microwave active & passive components.
- Microwave Integrated Circuits

KEYNOTE SPEAKERS

Dr. Nagendra P. Pathak

Prof. Dept. of ECE
Indian Institute of Tech.
Roorkee

Dr. A. K. Gautam

Asso. Prof. Dept. of ECE
G.B. Pant Institute of Engg. & Tech.,
Pantnagar

Registration Details:

The participants are requested to register their names by mailing a scanned copy of duly filled registration form to the email id : nsmmt2019@gmail.com by **27th March, 2019 (Wednesday)**

Certification:

The certificate of participation will be provided by IE (I) at the end of the program.