

Government of Bihar
Department of Science and Technology, Patna, Bihar

Letter No: बि० प्रो० (उ) वि - 15/15 - 1672

Date: 5/07/2021

From,

Sanjeev Kumar, I.A.S.
Director,
Department of Science and Technology,
Bihar, Patna

To,

Principal/Principal In-charge
Govt. Engg. Colleges/Govt. Polytechnics/Govt. Women's Polytechnics

Subject: Regarding registration of faculty and students in Online Symposium on Emerging Technologies for 5G and Beyond on 17th and 18th July 2021 conducted by IIT Patna

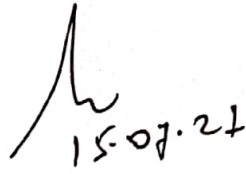
Sir/madam,

With respect to the subject mentioned above, the Department of Electrical Engineering, Indian Institute of Technology (IIT) Patna is organizing an online Symposium on Emerging Technologies for 5G and Beyond on 17th and 18th July 2021. Hence, Interested faculty and students are encouraged to participate and learn about the recent developments in 5G and Beyond from leading experts from academia and industry.

Please get registered through following link latest by 5 pm today.

Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSc7gIETqy7p9Dv6KfFHxaDOav88TPU5VM56tFsBQxJE6Lzv_A/viewform


15.07.21
Director (Technical)
DST, Bihar

Symposium on Emerging Technologies for 5G and Beyond (July 17-18, 2021)



Organized By



Department of Electrical
Engineering
Indian Institute of Technology
Patna
Bihta, Bihar 801106

Sponsored By



Ministry of Electronics and
Information Technology
Government of India

About IIT Patna

Indian Institute of Technology Patna is one of the new IITs established by an act of parliament on August 06, 2008. IIT Patna is an autonomous institute of education and research in science, engineering, and technology located in Patna, India. It is recognized as an Institute of National Importance by the Government of India. IIT Patna is part of the National Knowledge Network (NKN), which provides high-speed core networking for all the knowledge-related institutions in India to integrate all of India's scientific community seamlessly.

Symposium Overview

The Symposium aims to explore emerging technologies that will make 5G a reality and address critical driving technologies behind the 5G New Radio (NR) system designs, focusing on solutions to support 5G new services with high reliability, energy-saving requirements, and massive connectivity. A wide range of applications and services are expected to be enabled by the introduction of 5G. 5G will serve as the enabling architecture and standard for Internet of Things (IoT) systems, Low Power-Wide Area Networks, and high-speed cellular systems. 5G is expected to utilize and exploit new technologies, techniques, and protocols at the different communication layers, including Software-Defined Radio, Massive Antenna Systems, Beamforming, MIMO Systems, mm-

Wave, and Optical Communications utilizing higher frequency bands.

5G New Radio technologies are also featured in enhanced mobile broadband (eMBB), enhanced machine-type communication (eMTC), and critical communications (URLLC). These technologies will enable Machine-to-Machine (M2M), Device-to-Device (D2D), and Device-to-Everything (D2E) communications.

Organizing Committee

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(Director, IIT Patna)

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Dept. of EE, IIT Patna

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Assistant Professor, NSYSU, Taiwan

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Assistant Professor, IIT Delhi

Registration

Students, Research Scholars, Faculties, and Industry Personnel those actively involved or interested in Signal Processing and Wireless Communication research and development are encouraged to apply. **Registration is free**, and confirmation will be on a first-come, first-served basis.

For any queries contact:

symp_5g@iitp.ac.in