

No.:1-7/2024-NTI.WA
Government of India
Ministry of Communications
National Telecommunications Institute for Policy Research, Innovation & Training
Govt. of India Enclave, Near Rajnagar, Ghaziabad, UP- 201002

Dated: 29.05.2024

To

1. Director General (Telecom), Sanchar Bhawan, New Delhi
2. Addl DG, TEC, New Delhi

Subject: Three days Proficiency Level 2 (PL2) Training on 5G Mobile Technology and Standards for DoT officers at IIT Kanpur from 18-20 June, 2024

Sir,

A MoU between IIT Kanpur and NTIPRIT has recently been signed to work in the areas of ICT, mobile communication technologies etc.

2. IIT Kanpur, along with other institutions, has developed the first indigenous 5G network, funded by DoT. IIT Kanpur is also contributing to the design of 5G+ standards by participating in the 3GPP meetings and regularly teaching a course on the design of 5G standards for undergraduate and postgraduate students of IIT Kanpur.
3. A three days training to DoT officers (PL-2 Level) is planned during **18-20 June, 2024** to be held at IIT Kanpur to introduce the participants to the 5G network architecture, its different network layers and different blocks of 5G physical layer which includes coding, modulation, rate matching, and multiple antenna technologies. Further, the training would also provide participants exposure on the development of 5G+ standards e.g., AI/ML, ambient IoT, intelligent reflective surface, working groups of the 5G standardization body etc and actual demonstration of the indigenous 5G network. Participants will be able to do minor experiments like modifying the modulation and coding scheme etc to see the variation in data rates.
4. It is therefore, requested that concerned officers nominated should attend the workshop from all DoT LSA (at least one officer from each LSA) /TEC/DoT Units. Details of officers nominated may be communicated latest by 04-06-2024 in the format given below on mail-id(s): dir.wa2-nti@gov.in and Sandeep.ntiprit@gov.in. In case of any clarifications, Shri Sandeep Singh, AD, NTIPRIT may be contacted on mobile no. 9891366741.

S No	Name of Officer	Designation/ Organisation	Staff No.	E-Mail	Mob. No

5. Officers attending the workshop will be staying in IIT Kanpur Guesthouse (Boarding and Lodging charges to be paid directly by the participants). Stay arrangement for accommodating about 40 officers has been reserved by IIT Kanpur.
6. NTIPRIT will issue a confirmed list of participants by 10-06-2024. The nominated officers may book their journey upon receipt of confirmation.

Atul Wakhle

(Atul Wakhle)
Director(WA)
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Copy for kind information to:

1. PSO to Secretary(T), DoT
2. Member(S)/Member(T) DoT HQ, Sanchar Bhavan, New Delhi
3. Additional Secretary, DoT
4. Administrator, USOF
5. DDG(SRI) DoT HQ, New Delhi with request to nominate the concerned officers for the training program
6. DoT HQ website: For kind information and requesting the concerned officers in the DoT HQs/DoT LSAs/ TEC etc interested for the said PL-2 training to send their nominations through their controlling officers.