



WEBINAR: 5G USE CASES IN HEALTH AND AGRICULTURE SECTORS

Date : 16.03.2022 | Time: 1030 hrs onwards



For Registration click: <https://tinyurl.com/nti5gregister> or SCAN

Joining Link: <https://tinyurl.com/5Gusecases>

PROGRAMME SCHEDULE FOR THE WEBINAR

| S.No | SESSION & SLOT | NAME OF THE TOPIC |
|------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Inaugural Session 1030 hrs – 1100 hrs | Welcome Address - Sh. U. K. Srivastava, DG NTIPRIT Special Address - Additional Secretary /Joint Secretary, Ministry of Agriculture & Farmers Welfare - Additional Secretary /Joint Secretary, Ministry of Health, and Family Welfare Inaugural Address - Sh K Rajaraman, Secretary, DoT |
| 2 | Session 1 1100 hrs – 1200 hrs | 5G Key capability and technologies to support potential use cases in Health and Agriculture Sectors - Prof. Bhaskar Ramamurthi, IIT Madras Disruptive Innovations for Smart Farming - Dr R.N. Sahoo, Principal Scientist, Indian Agricultural Research Institute (IARI) |
| 3 | Session 2 1200 hrs - 1320 hrs | Showcasing 5G Use cases in Health and Agriculture Sectors - Presentations by Speakers from Industry (M/s Reliance JIO/ M/s Easiogy Solutions/ M/s Capgemini/ M/s Innogle) |
| 4 | Session 3 1320 hrs - 1330 hrs | Question and Answer Vote of Thanks - Sh. B Sunil Kumar, DDG (WA), NTIPRIT |

ABOUT THE WEBINAR

5G is the 5th generation mobile network. It is a new global wireless standard after 1G, 2G, 3G, and 4G networks. 5G enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices. 5G wireless technology is meant to deliver higher multi-Gbps peak data speeds, ultra low latency, more reliability, massive network capacity, increased availability, and a more uniform user experience to more users. Higher performance and improved efficiency empower new user experiences and connects new industries.

5G is a unified, more capable air interface. It has been designed with an extended capacity to enable next-generation user experiences, empower new deployment models and deliver new services. With high speeds, superior reliability and negligible latency, 5G will expand the mobile ecosystem into new realms. 5G will impact every industry, making safer transportation, remote healthcare, precision agriculture, digitized logistics — and more — a reality.

Next-gen wireless network capabilities offer the potential for revolutionary applications extending far beyond smartphones and other mobile devices. A new range of 5G use cases and applications that converge connectivity, intelligent edge, and Internet of Things (IoT) technologies will benefit everyone, from industry to consumers to governments.

The webinar on “5G use cases in Health and Agriculture sector” on 16th March 2022 brings together leading minds of Government, Industry, OEMs, Academia cutting across sectors to discuss 5G key capability and technologies to support potential use cases in Health and Agriculture Sector and Industrial Speakers will be showcasing 5G Use cases in Health and Agriculture Sectors.

5G healthcare use cases will enable doctors and patients to stay more connected than ever. Wearable devices could alert healthcare providers when a patient is experiencing symptoms—like an internal defibrillator that automatically alerts a team of ER cardiologists to be ready for an incoming patient, with a complete record of data collected by the device.

Farms of the future will use more data and fewer chemicals. Taking data from sensors located directly in fields, farmers can identify with pinpoint precision which areas need water, have a disease, or require pest management. As wearables become less expensive and 5G makes it easier to scale networks containing large numbers of IoT devices, health monitoring for livestock may also emerge. With more accurate health data, farmers can reduce the use of antibiotics without compromising the safety of the food supply.