



### Objective:

Vertical Engagement program is envisaged to build strong collaboration partnerships across 5G Use-case ecosystem stakeholders with velocity and with an exclusive emphasis to address User/Vertical Industry needs. Please refer to **Annex** for details on facilitation from stakeholders and access to opportunities.

## Who can Apply

Individual Vertical Enterprise user /Group of Enterprises (Multiple verticals)

Eg: Logistic Hubs, Factories, Agri Institutions, Power Utility Companies, Hospitals, Mining Agencies, Educational / Skill Development Institutions, Banks/Banking institutions, CoEs, Malls/Recreation centres/Retail stores, Tourism & cultural centres, Hotels, Ports, Airports, Stadiums, Manufacturing Units etc.

1

User/Vertical Industries (Private & Public)

Service providers

2

- ✓ TSPs
- ✓ M2M service providers etc.

3

Solution Providers/System Integrators (SIs)

- ✓ End to End Use-case providers (including OEMs)
- ✓ System Integrators

Solution Partners/ Devices, Sensors, Equipment vendors(OEMs)

4

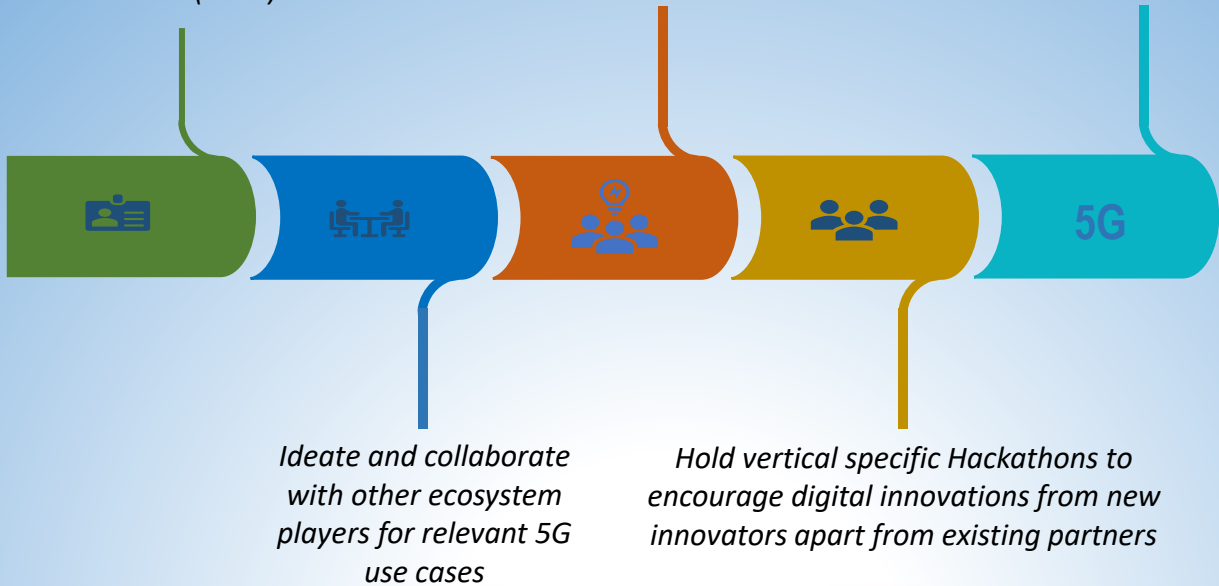
- ✓ Any Start-up/SME/industry that has demonstrable use cases
- ✓ Original Equipment Manufacturers(OEMs) in Network domain
- ✓ OEMs in CPES/Devices/Instruments/Sensors/Smart Machinery & Meters/ Devices/robots/Drones(BLVOS)etc. in all user verticals viz. Medical, Power, Smart Metering, IoT, Mining etc.

## Role of the VEPP Partner

*Facilitate access to relevant premises/campus/infra/data for use-case piloting and prototyping to address prevalent problems and also performance efficiencies.*

*Identify Single Point of Contact (SPoC)*

*Other actions as may be necessary to support the 5G ecosystem*



### Role of Tech Stakeholder

Service providers, Solution providers, Solution partners, System integrators, Device & Equipment OEMs would work in unison to develop, prototype, pilot, and deploy Use-cases & services as per the needs of the Vertical user requirements which may potentially accelerate 5G commercial deployment and adoption by enterprises.

## Facilitation from DoT

- I. Non-exclusive access to 5G Tech Ecosystem (Telecom Service Providers, Solution providers, Solution partners/Device & Equipment vendors) to enable partnerships.
- II. Conduct awareness sessions on 5G opportunity in the respective vertical at NTIPRIT.
- III. Facilitate -
  - a. Experimental Spectrum
  - b. Access to Academia testbed and engagement with academia
  - c. Virtual / emulated 5G test infra at the premises of interest for the end User (as may be necessary and availability)
  - d. Use cases for live demonstration in Telecom Public Networks
  - e. Engagement with vertical Ministries for necessary enabling regulatory policies and pilots as feasible
  - f. Use case Standardization & Interoperability with the support of TEC & C-DOT

### DoT Contact:

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