



Telecom Technology Development Fund

“In this new phase of Amrit Kaal, now it is imperative to add Jai Anusandhaan.”



To build state-of-the-art telecom technologies and enable the proliferation of affordable broadband and mobile services in rural and remote areas

**Scheme Open for
Applications**

**1st Oct 2022-
15th Nov 2022**

Introduction

Telecom Technology Development Fund Scheme (TTDF) is aimed to encourage domestic start-ups, MSMEs, companies and institutions involved in technology design, development and commercialization of telecommunication products, services, and solutions, to enable affordable broadband and mobile services in rural and remote areas.



Salient Features

- Grants to Indian entities to encourage and induct indigenous technologies tailor-made to meet our unique needs and enable creation of a telecom product ecosystem in India
- Promotion of research and development in the field of Telecommunications Technologies and solutions
- Covers wide areas of technologies and solutions to enable affordable broadband and mobile service proliferation in rural and remote areas.
- Creation of Intellectual Property Rights
- Well defined process for implementation and monitoring of approved projects
- Transparent, objective evaluation and approval criteria
- Independent review by reputed third party agencies

Objectives

- Promotion of technology ownership & indigenous manufacturing
- Reduction of import and amplification of export opportunities
- Proliferation of next-generation telecom technologies
- Creation of a culture of technology co-creation and co-innovation
- Promotion of ecosystem for research, design, prototyping, development, proof of concept testing, use cases, pilots, etc
- Development of standards to meet national requirements and to enable their standardisation in international standardisation bodies
- Promotion of rural-specific communication technology applications/use cases
- Creation of synergies among the academia, research institutes, start-ups and industry for capacity building and development of the telecom ecosystem
- Bridging the gap between R&D and commercialisation of products and solutions
- Enabling proliferation of affordable broadband and mobile services
- Enabling technology demonstration, product integration, pilots and field trials of the products and solutions
- Commercialization of developed technologies under the scheme

Technology Domains

5G development under 'India 5G Stack'

Technology development for 6G

IoT & M2M development

Other Telecom Technologies under various research programs

Entrepreneurship Cell (for early-stage Start-ups)

Research Scholarship program

Who Can Apply

The following Indian entities are eligible for support from this Fund:

- Domestic Company(ies) with focus on telecom R&D, Usecase development
- Startups /MSMEs
- Academic institutions
- R&D institutions, Section 8 companies /Societies, Central & State Government entities /PSUs /Autonomous Bodies/SPVs /Limited Liability Partnerships, with focus on telecom research and development
- Collaborative consortium of above entities
- For Pilots: The above entities may partner, inter alia, with PSUs, TSPs, Central/State Government entities, government autonomous bodies, SPVs etc

Process Flow



To Participate, Visit the link or Scan QR Code

<https://usof.gov.in/ttdf>

