

# PSNA College of Engineering and Technology, Dindigul – 624 622

(Autonomous Institution affiliated to Anna University)

## Research Development Cell

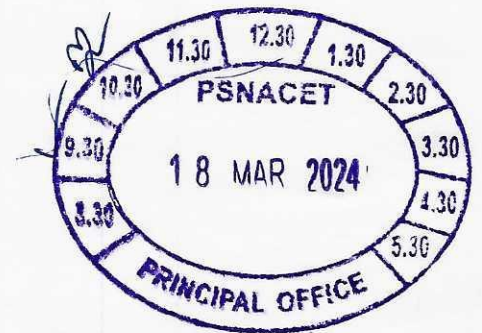
Ref: PSNACET/Dean (R&D)/ Proposal/DOT

Date: 15/03/2024

The Department of Telecommunication has announced a Research Proposal Call "For Accelerated Research on 6G ECO-System" with a vision of "Design, develop and deploy 6G network technologies that provide ubiquitous intelligent and secure connectivity for high quality living experience for the world". The Department of Telecommunications invites proposals from academia, industry, and other bodies engaged in R&D.

Research focus area includes:

- ✓ Semantic Communication
- ✓ Ubiquitous Connectivity
- ✓ Immersive Education
- ✓ Blockchain for Infrastructure
- ✓ Fluidcells and Antennas
- ✓ Quantum and QC Assisted Communications
- ✓ Internet of Nano-Things and bio-nano things
- ✓ Generative Adversarial Networks
- ✓ THz Communication Systems
- ✓ Acoustic Meta-Learning
- ✓ Framework for HC2WA
- ✓ Spectrum Sensing & Sharing
- ✓ Artificial Neural Networks for Communication
- ✓ Deep Learning for Communication
- ✓ Blockchain for Edge
- ✓ Urban Micro-Space
- ✓ Holistic Security Solutions
- ✓ Genetic Programming
- ✓ Six Sense Communication Network
- ✓ Augmentation of Human Intelligence



The detailed guidelines are available at: <https://bharat5glabs.gov.in/sixG>

Last date for submission of Proposal is 31.03.2024

Proposal discussion : 26/ 27 March 2024

*\*To fix the discussion schedule, please contact Dr.K.Meena alias Jeyanthi, Professor In-Charge, Sponsored & Collaborative Research.*

Interested faculty can make use of this opportunity and prepare their proposals well in advance.

Dean (R&D)

Encl: Review Template

CC to: The Pro-chairman for kind information

HoDs with the request to circulate among their department faculty

DRCs to follow up

File copy (Dean – R&D)

PRINCIPAL