



ज्ञान-विज्ञान विमुक्तये

आचार्य मनिष र. जोशी
सचिव

Prof. Manish R. Joshi
Secretary



सत्यमेव जयते



आज़ादी का
अमृत महोत्सव
विश्वविद्यालय अनुदान आयोग
University Grants Commission
(शिक्षा मंत्रालय, भारत सरकार)
(Ministry of Education, Govt. of India)

D.O.No.2-8/2024(CPP-II)

06th March, 2024/ 16 फाल्गुन 1945

Subject: Call of proposal on "Accelerated Research on 6G Technology"

Respected Madam/Sir,

An initiative has been taken by the Ministry of Communication, Department of Telecommunications for supporting India's prominence in 6G Technology. In order to foster innovation in 6G technologies in line with Bharat 6G Vision, a call for proposal from Research Institutions, Universities, Indian Startups and Companies has been announced to facilitate Research, Development and Design of 6G technologies under Accelerated Research Lab on 6G technologies.

In this regard, the Ministry has also launched a portal (<https://www.bharat5glabs.gov.in>) to facilitate dissemination of information in the matter.

The HEIs are requested to publish this information on their respective websites with a link mentioned above. A copy of the Call for Proposal flyer and PIB Press Release (<https://pib.gov.in/PressReleaseDetail.aspx?PRID=2000654>) is attached.

With kind regards,

Yours sincerely,

(Manish Joshi)

Encl: As stated above.

To
The Vice-Chancellors of all Universities
The Principals of all Colleges/Institutes



Unlocking the Future: Bharat 6G Vision

CALL FOR PROPOSAL 2024 FOR ACCELERATED RESEARCH ON 6G ECO-SYSTEM

Design, develop and deploy 6G network technologies that provide ubiquitous intelligent and secure connectivity for high quality living experience for the world.

— Bharat 6G Vision Statement



Submission Deadline:
31st March 2024

On March 22, 2023, Hon'ble PM unveiled India's "Bharat 6G Vision," charting a path for India to lead in the design, development, and deployment of 6G technology by 2030. Built on the pillars of Affordability, Sustainability, and Ubiquity, Bharat 6G envisions India as a key global contributor.

The Department of Telecommunications invites proposals from academia, industry, and other bodies engaged in R&D. Be part of the Accelerated Research Lab on 6G and contribute to the future.

Research Focus Areas-

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



For more information
☎ 011-23372079
✉ adg.sri3-dot@gov.in

India is calling for groundbreaking proposals. Be a pioneer in 6G research—shape the future with us!

Ministry of Communications



DoT Secretary Dr Neeraj Mittal Launches Bharat 5G Portal and Venture Capitalists/Investors meeting at Bharat Telecom 2024

Bharat 5G Portal acts as one-stop solution for all quantum, IPR, PoCs/Pilots, 5G, and 6G-related works

Featuring Future Tech-Experts registration portal in collaboration with PANIIT USA

DoT calls for 6G R&D proposals for accelerated research on 6G ecosystem development

Posted On: 30 JAN 2024 5:50PM by PIB Delhi

Dr Neeraj Mittal, Chairman, Digital Communications Commission and Secretary, Department of Telecommunications (DoT), Ministry of Communications (MoC), launched the “Bharat 5G Portal- an integrated portal” on the sidelines of ‘Bharat Telecom 2024 - An Exclusive International Business Expo’ being organized by Telecom Equipment and Services Export Promotion Council (TEPC) in collaboration with DoT, at here from January 29-30, 2024.

As part of its initiatives, the DoT announced a call for 6G R&D proposals on the integrated portal, inviting proposals for accelerated research on 6G ecosystem development.

Secretary also launched Future Tech-Experts registration portal in collaboration with PANIIT USA, a pivotal step to aid and guide the Indian Telecom ecosystem,. This initiative will be prominently featured on the Bharat 5G Portal.

A special meeting session titled "Bridging Dreams and Funding: Linking Venture Capital/investors to the Future of Startups" was also inaugurated by Secretary (T). The event had an exclusive presentation of the innovative telecom products by 26 startups/MSMEs to get funding. More than 10 Venture capitalists/ Investors participated in the meet. Startups/MSMEs engaged in a discussion on how their venture capital and participants from international delegates can contribute to the growth and scalability of their products.



While addressing the gathering after launching the Bharat 5G Portal, Dr Neeraj Mittal said, “India's 5G rollout is among the fastest in the world and now, we are already talking about 6G.” India has the second largest telecom network in the world and has ‘surprised’ the world with the development of Indigenous 4G/5G technologies in a short span of time, he added.



Dr Mittal said India has one lakh startups today and it is a great opportunity for countries to collaborate with India. The world has realized that India is a trusted partner and everybody now wants to collaborate with India whether it is on 5G or 6G technology.

In his address, Dr Mittal further added, “As our Prime Minister Shri Narendra Modi said, India continues to be the third largest tech start-up ecosystem globally, we need to create new business opportunities for the Indian manufacturers by encouraging the participation of more start-ups.”

These initiatives are testament to India's commitment to technological advancement and the growth of the telecom industry and are expected to play a pivotal role in shaping the future of telecommunications in the country.

About Bharat 5G Portal- an integrate portal:

Prime Minister, Shri Narendra Modi, during the inaugural ceremony of the India Mobile Congress, awarded 100 “5G Use Case Labs” to educational institutions across the countries to build competencies and engagement in 5G technologies for students & start-up communities.

All the 100+ Labs/institutions are connected through a dedicated portal (Digital network of 100 5G Labs). It acts as a knowledge dissemination platform for the institutions/students/start-ups wherein 5G use cases are being tested/developed.

Telecommunications Consultants India Limited(TCIL) is implementation agency for installation of 100 Labs and portal development.

The Bharat 5G portal- an integrated portal is a comprehensive platform serving the interests of startups, industry and academia in quantum, 6G, IPR and 5G domains. It also features the Future Tech-Experts registration portal in collaboration with PANIIT USA, aimed to help and advise the Indian Telecom ecosystem to advance the goal of Atmanirbhar Bharat.

The Bharat 5G Portal acts as a one-stop solution for all quantum, IPR, PoCs/Pilot, 5G and 6G-related works, capturing academic R&D developments, industry standards, OEMs, startups/MSMEs, and subject matter experts. It aims to propel India's 5G capabilities, foster innovation, collaboration, and knowledge-sharing within the telecom sector.

DK/DK/SMP

(Release ID: 2000654) Visitor Counter : 2323

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