



Engineering and
Physical Sciences
Research Council

Welcome





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Physical Sciences
Research Council



UK Research
and Innovation

India
भारत



सत्यमेव जयते

Department of Science & Technology
Govt. of India

India-UK joint opportunity in telecommunications research Webinar

3rd Sept 2024

Starting at 14:30 IST / 10:00 BST

India-UK joint opportunity in telecommunications research (DST-EP SRC)

Agenda	Timings
Opening remarks/Panel Introduction	10 min
EP SRC Scope, FNI Background & How to Apply	10 min
DST Perspective on Collaboration, How to Apply	10 min
Break	10 min
Q & A	75 min
Closing Remarks	5 min

DST

- Dr Sulakshana Jain

UKRI India

- Basheera Shaik

EP SRC

- Ben Scott
- Dr Glenn Goodall
- Lizzie Hims

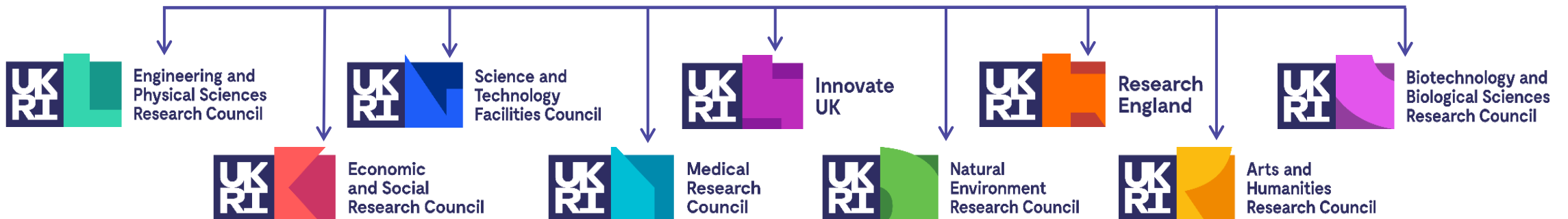


Webinar Aims

- Introduce the funding opportunity
- Discuss the benefits of international research by reflecting on previous joint collaborations
- Present the scope of the funding opportunity and application process
- Provide an opportunity to ask questions



UK Research and Innovation



International

ICT Strategy and Priorities

Overarching Aims

- World-leading partnerships between global researchers
- A focus on identified areas of importance, core capability or challenge areas
- The strategic exchange of people, skills and capabilities to fill in gaps in UK research excellence and solve internationally-relevant problems
- Promote UK research on world scale

Goals

- Ensure the UK stays internationally connected to stimulate world leading research
- Provide UK researchers with opportunities to gain access to tools, systems, testbeds that otherwise would be unavailable or difficult to create in the UK and provide international researchers with opportunities to access UK capabilities
- Provide opportunities for UK to influence policies and technical standards with international partners and address global challenges

Digital Futures

International working with India

UKRI India Office

- Based in British High Commission in New Delhi, India
- Work across the breadth of UKRI interests
- Since 2008, the UK and Indian governments invested over **£330 million** in co-funded research and innovation
- Equates to **258 individual projects**
- Bringing together more than **220 lead institutions** from the UK and India

Flag-ship UK-India Future Networks Initiative (UKI-FNI)

- £1.4 million project led by the University of East Anglia in collaboration with other UK and Indian universities
- Designed to build capability, capacity, and relationships between the two countries in telecoms diversification technologies and research for 5G and beyond.

The Funding Opportunity

India-UK joint opportunity in telecommunications research

- This international joint funding opportunity in telecoms will support projects to further develop and strengthen the network and research collaboration between UK-based and India-based researchers
- Two Project Leads (PL), one based at a UK research organisation & one at an India research organisation who are eligible for UKRI & India Department of Science & Technology (DST) funding respectively
- UK PL and associated costs for UK research would be funded by EPSRC. While India-based PL and associated costs would be funded by DST
- Further information can be found at:
<https://www.ukri.org/opportunity/india-uk-joint-opportunity-in-telecommunications-research/>



The Funding Opportunity

Scope

This is an open funding opportunity that has £3.5 million to fund projects in telecommunications, building India-UK collaborations

This is a **non-exhaustive list** of possible research areas:

- Private networks
- Softwarisation of networks
- Satellites (including as part of an interoperable network, in orbit mesh networks and backhaul)
- Future services (ecommerce, AI, software, cloud and distributed compute and so on)
- Use-cases (e.g. smart transport, rural health, disaster management)
- Open Radio Access Networks (ORAN)
- Networking software and systems architecture
- Spectrum innovation
- Cyber security across networks (cyber security protocols across integrated networks)
- Network-enabled AI services
- Resilient communications
- Sustainable communications (net zero)
- Scalable Networks in support of coverage
- Sensor data across networks, for example waste management
- Network of Networks (taking into account terrestrial and non-terrestrial integration)



The Funding Opportunity

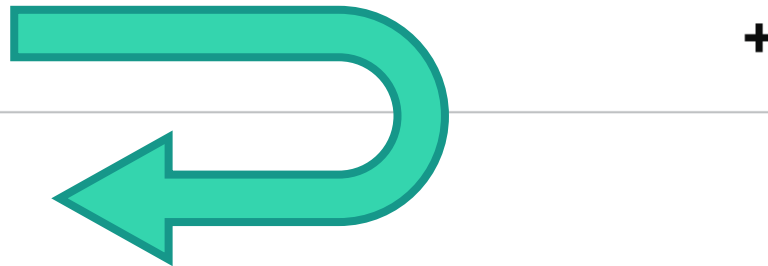
Applying

- Award Range: £800,000 - £1,060,000 (EPSRC)
- Closing date: 24th September 2024 @ 4:00pm UK time
- Joint effort
- Allocation of time & funds to co-working/travel

Additional info

Supporting documents

[DST-EPSRC joint application form \(DOCX, 77KB\)](#)



Funding opportunity

India-UK joint opportunity in telecommunications research

Opportunity status:	Open
Funders:	Engineering and Physical Sciences Research Council (EPSRC)
Co-funders:	Department of Science & Technology (DST) India
Funding type:	Grant
Total fund:	£3,500,000
Award range:	£800,000 - £1,060,000
Publication date:	19 July 2024
Opening date:	16 July 2024 9:00am UK time
Closing date:	24 September 2024 4:00pm UK time

[Start application ▶](#)



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The Funding Opportunity

Costing Model

- £3.5 million to fund projects in telecommunications, building India-UK collaborations
- Expecting to fund 3-4 projects
- Award Range: £800,000 - £1,060,000 (EPSRC)
- Matched Funding





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Questions?



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Thank you for attending!

Where can I find out more?

- Link to EPSRC Funding Opportunity
 - <https://www.ukri.org/opportunity/india-uk-joint-opportunity-in-telecommunications-research/>
- Link to DST Funding Opportunity
 - <https://dst.gov.in/callforproposals/india-uk-joint-call-proposal-telecommunication-research-dst-epsrc>
- Contact details
 - ict.theme@epsrc.ukri.org
 - jain.s@nic.in





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Thank you



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