

File No. 6-33/2017-IC
Government of India
Ministry of Communications
Department of Telecommunications
International Cooperation Division

12th Floor, Sanchar Bhawan, New Delhi
Dated the 6th August, 2018

OFFICE MEMORANDUM

Subject: 5G India 2020 - Setting up of Implementation Oversight Committee for 5G India.

The High Level Forum (HLF) is likely to submit its recommendations on roadmaps for 5G India 2020. Implementation of 5G India roadmap would require multi-dimensional collaborative approach by DoT, MeitY & DST in collaboration with User Ministries, academia, start-ups and industry.

2. Accordingly, the following Implementation Oversight Committee for 5G India is constituted to facilitate implementation of 5G India roadmaps:

- | | | |
|----------------------------------------------|---|------------------|
| 1) Secretary, DoT | - | Chairperson |
| 2) Secretary, MeitY | - | Member |
| 3) Secretary, DST | - | Member |
| 4) Joint Secretary (T), DoT | - | Member |
| 5) Chairperson, Implementation Cell of DST | - | Member |
| 6) Chairperson, Implementation Cell of MeitY | - | Member |
| 7) DDG(IC), DoT | - | Member-Secretary |
- The Chairperson may co-opt more Members / Experts as deemed necessary.

3. Implementation Oversight Committee will work under overall mentorship of Prof. Paulraj, Member of HLF & Chair of 5G Steering Committee. TEC, C-DoT and TSDSI shall act as Resource Organizations for DoT.

4. **The Terms of Reference:**

- (i) Oversee the implementation of 5G Roadmap including funding requirements to be met by 3 Ministries/Departments, User Ministries & Industry;
- (ii) Work towards convergence of opportunity, knowledge, infrastructure, funding and schemes spread across various Ministries for optimum utilization of National resources;
- (iii) Demonstrate, under the guidance of three Secretaries, a few early wins to Government & industry to mobilize the eco-system;
- (iv) Any other activity as decided by the Chair.

5. **Focus Area:**

Sl. No.	Work Area & Related Activities	Lead Departments/Nodal Officer
1	Spectrum Policy	DoT / DDG (Policy)/WA
2	Regulatory Support	DoT / JS (T)
3	Major 5G Trials	DoT / DDG(IC)
4	Application Layer Standards	MeitY, DoT
5	Promotion/Educational Awareness	MeitY, DoT, DST
6	Participation in Standards	DoT, MeitY
7	Use Case Labs and Info Hub	DST, DoT, MeitY
8	Start-ups promotion	DST, MeitY & DoT
9	Test Beds	DoT/DDG (NT)

6. **Government Budget/Fund requirements:**

The Implementation Oversight Committee shall work out the detail of activity-wise and Department-wise budget requirements and modalities for setting up of Implementation Secretariat / Strengthening of Implementation Cells.

7. **Setting up of Ministerial Implementation Cell:**

Since the 5G Roadmaps implementation with DoT / MeitY / DST may also require close day-to-day coordination among various divisions / organizations within the respective Department/Ministry, therefore, they may individually set up Implementation Cell, whose Chair will be part of Implementation Oversight Committee.

8. This is issued with the approval of Hon'ble MoSC(I/C).



(R. K. Pathak)

DDG (International Cooperation)

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To

- 1) Secretary, DoT
- 2) Secretary, MeitY
- 3) Secretary, DST
- 4) Joint Secretary, DoT
- 5) Sr. DDG, TEC
- 6) DDG (NT) / DDG (Policy)
- 7) Executive Director, C-DoT
- 8) Chairperson, TSDSI

Copy to:

Prof. A. J. Paulraj, Professor Emeritus, Stanford University, Member of HLF & Chair of 5G Steering Committee.

For kind information to:

- 1) PPS to Member (T)
- 2) PPS to Member (F)
- 3) PPS to SS (T)
- 4) OSD to Hon'ble MoSC(I/C).

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12th Floor, Sanchar Bhawan, New Delhi
Dated the 6th August, 2018

OFFICE MEMORANDUM

Subject: 5G India 2020 - Setting up of Implementation Cell for 5G India in DoT – reg.

The High Level Forum (HLF) is likely to submit its recommendations on roadmap for 5G India 2020. Implementation of this 5G roadmap would require multi-dimensional collaborative approach by DoT, MeitY & DST in collaboration with User Ministries, academia and industry.

2. Accordingly, the Department of Telecommunications has constituted an Implementation Oversight Committee for 5G India to facilitate implementation of 5G India roadmaps. Since the 5G Roadmap implementation may also require close day-to-day coordination among various divisions / organizations within the respective Departments/Ministry, these Departments/Ministry will individually set up its Implementation Cell, whose Chair will be part of Implementation Oversight Committee.

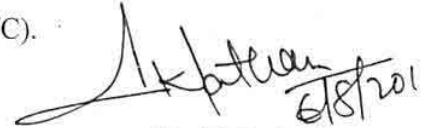
3. In respect of the Department of Telecommunications, the Implementation Cell for 5G India is constituted with the following members:

- | | | |
|-----------------------------------------|---|------------------|
| 1) Shri Amit Yadav, JS(T) | - | Chairperson |
| 2) TEC representative at DDG level | - | Member |
| 3) Wireless Adviser, WPC | - | Member |
| 4) Shri Saurabh Tiwari, DDG (Finance) | - | Member |
| 5) Shri Rajeev Sinha, DDG (NT) | - | Member |
| 6) Shri Kishore Babu, DDG (Policy) | - | Member |
| 7) Shri VipinTyagi, ED, C-DoT | - | Member |
| 8) Ms. Pamela Kumar, DG, TSDSI | - | Member |
| 9) Shri Anurag Vibhuti, DD, TCOE India- | - | Member |
| 10) Shri Rajesh Kumar Pathak, DDG(IC) | - | Member Secretary |

The Chairperson may co-opt more Members/Expert as deemed necessary.

4. **Terms of Reference: -**

- 1) Overall responsibility of implementation of 5G roadmaps in telecom sector in collaboration with MeitY, DST, User Ministries, academia and industry;
 - 2) Day-to-day close coordination among various divisions / organizations within the Department;
 - 3) Function under the mentorship of Implementation Oversight Committee for 5G India;
 - 4) The Chair of the Implementation Cell for 5G India in DoT shall also be the member of the Implementation Oversight Committee.
5. TEC, C-DoT and TSDSI shall act as Resource Organizations for DoT. IC / IP Divisions shall jointly provide secretariat assistance to DoT's Implementation Cell.
6. This is issued with the approval of Hon'ble MoSC(I/C).



(R. K. Pathak)

DDG (International Cooperation)

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To

All Members of the Implementation Cell for 5G India

Copy to:

- 1) **PSO to Secretary, DoT**
- 2) **PPS to Special Secretary, DoT**
- 3) **PPS to Secretary, MeitY/ PPS to Secretary, DST**
- 4) **PPS to Sr. DDG, TEC**
- 5) **Chairperson, TSDSI**
- 6) **Executive Director, C-DoT**
- 7) **Prof. A. J. Paulraj, Professor Emeritus, Stanford University**
- 8) **Director, TCOE India CC**

Copy for kind information to: OSD to Hon'ble MoSC(I/C).