

(d) No, Sir. DoT has not undertaken any evaluation or study to assess the economic impacts of internet shutdowns. However, DoT had received a joint representation dated 08.08.2018 from telecom service providers, wherein, it was intimated that frequent suspension of internet services were being ordered by various State Governments. Accordingly, on 28.09.2018, all State Governments have been advised to sensitize the concerned officials/agencies against precipitate actions leading to shut down of Internet services, and to ensure that the provisions of "Temporary Suspension of Telecom Services (Public Emergency or Public Safety) Rules, 2017" are adhered to.

Consideration of entry of Huawei for 5G

499. SHRI K. J. ALPHONS: Will the Minister of COMMUNICATIONS be pleased to state:

- (a) by when 5G technology is going to be rolled out in the country;
- (b) whether the country has the physical and technical infrastructure to roll out 5G;
- (c) whether the country is considering entry of Huawei with its 5G technology; and
- (d) whether Government has analysed the strategic implications about the above entry?

THE MINISTER OF COMMUNICATIONS (SHRI RAVI SHANKAR PRASAD): (a) to (d) The standards for IMT 2020 (International Mobile Telecommunications 2020), also known as 5G technologies in industry, are being finalised. An inter-ministerial High Level Forum for 5G India 2020 was constituted in September, 2017 to articulate the Vision for 5G in India and to recommend policy initiatives and action plans to realize this vision. The High Level Forum submitted its report titled as "Making India 5G Ready" in August, 2018. Based on the report, the Government is creating an enabling framework for deployment of affordable and secure 5G services in India.

A Sub-committee on 5G and technology trials having representatives from relevant Departments/Ministries has been thereafter constituted under the Chairmanship of Principal Scientific Advisor to give recommendations on various issues, including security, relating to 5G and technology trials in India.