

Sl. No.	States/UTs	2013-14	2014-15	2015-16	2016-17	2017-18
26.	Telangana	0.00	270810	265108	278363	
27.	Tripura	16610	21177	16765	14943	
28.	Uttar Pradesh	1095526	861474	947622	1095469	
29.	Uttarakhand	70182	81415	20194	39864	
30.	West Bengal	405554	514992	540976	607744	
TOTAL		4995439	5318123	5680938	5862121	

Extension of term of commission for sub-categorization of OBC

1891. SHRI N. GOKULAKRISHNAN: Will the Minister of SOCIAL JUSTICE AND EMPOWERMENT be pleased to state:

(a) whether it is a fact that Government has approved a final extension of the term of the Commission constituted to examine sub-categorization within Other Backward Classes in the Central list;

(b) if so, the details thereof; and

(c) whether it is also a fact that the Commission which has a term till June 30, 2018 will now work till July 31, 2018?

THE MINISTER OF STATE IN THE MINISTRY OF SOCIAL JUSTICE AND EMPOWERMENT (SHRI KRISHAN PAL): (a) to (c) The Government has constituted a Commission on 2nd October, 2017 under article 340 of the Constitution to examine the sub-categorization of Other Backward Classes. The Commission commenced functioning with effect from 11.10.2017. The Commission was to initially submit its report in twelve weeks from the date of assumption of charge by the Chairperson. The tenure of the Commission has since been extended from time to time and has now extended on 31.07.2018, till 30.11.2018.

Reusable launch vehicle

1892. DR. R. LAKSHMANAN: Will the PRIME MINISTER be pleased to state:

(a) whether Government has achieved any demonstrable lead in its endeavour to have reusable launch vehicle;

(b) if so, the details thereof;

(c) whether Government has made any assessment regarding the cost cutting effect of reusable launch vehicle; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE DEPARTMENT OF SPACE (DR. JITENDRA SINGH): (a) and (b) On May 23, 2016, India became the fifth nation to successfully conduct the flight demonstration of a scaled down version of a winged-body reusable launch vehicle, thereby validating the critical technologies such as autonomous navigation, guidance and control, reusable thermal protection system and re-entry mission management. This flight represented the first baby step towards the realisation of a future fully reusable Two Stage To Orbit (TSTO) space transportation system.

(c) Yes, Sir.

(d) A fully reusable Two Stage To Orbit (TSTO) Launch Vehicle, that can launch pay loads to Low Earth Orbit with 15 times reusability, is expected to reduce the launch cost by approximately 50 - 60% when compared to that of an expendable launch vehicle.

Making of green propellant

1893. SHRI R. VAITHILINGAM: Will the PRIME MINISTER be pleased to state:

(a) whether the ISRO is making green propellant;

(b) if so, the details thereof;

(c) whether this is an effort to replace the conventional hydrazine rocket fuel, a highly toxic and carcinogenic chemical with a greener propellant for future missions; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE DEPARTMENT OF SPACE (DR. JITENDRA SINGH): (a) Yes, Sir. ISRO is developing green propellants for use in future rocket and satellite propulsion systems.

(b) All space faring nations have been investigating green propulsion systems to minimise environmental impact while improving overall efficiency and economy. ISRO has made a beginning by developing an eco-friendly solid propellant based on Glycidyl Azide Polymer (GAP) as fuel and Ammonium Di-Nitramide (ADN) as oxidizer at the laboratory level, which will eliminate the emission of chlorinated exhaust products from