

GOVERNMENT OF INDIA  
MINISTRY OF DEFENCE  
DEFENCE RESEARCH & DEVELOPMENT ORGANISATION  
LOK SABHA

UNSTARRED QUESTION NO.978  
TO BE ANSWERED ON THE 29<sup>TH</sup> APRIL, 2016

**DEVELOPMENT OF BIO-TOILET BY DRDO**

978. SHRI DEVJI M. PATEL:

Will the Minister of DEFENCE j{k k ea=h  
be pleased to state:

- (a) whether the Government has received any complaint regarding the functioning of bio-toilets, developed by the Defence Research and Development Organisation (DRDO);
- (b) if so, the details thereof; and
- (c) the action taken by the Government thereon?

A N S W E R

MINISTER OF DEFENCE

(SHRI MANOHAR PARRIKAR)

j{k k ea=h

¼Jh euksgj ijhZdj½

**(a) to (c): Defence Research & Development Organisation (DRDO) has developed bio-digester for which technology has been transferred to many agencies for installation at various locations. DRDO received many complaints on non-functioning of installed bio-toilets like choking of pipes, improper ventilation in toilet, incursion of non-biodegradable materials, use of excessive acid, usage of more people than the prescribed limit, bio-toilets remained unutilised for more than six months required seeding with fresh bacteria, etc. All complaints have been attended and problems have been rectified by the DRDO / authorised licensees (ToT holders) of bio-digesters.**

\*\*\*\*\*