

- (ii) Safe Minimal Aluminum (SAFAL): Minimal use of Aluminum.
- (iii) Safe Thermite Crackers (STAR): Minimizes use of Sulphur and Potassium Nitrate.

The less polluting firecrackers are estimated to reduce the emissions of Particulate Matter (PM) by 20-25%. The conventional chemicals have partially been replaced with the materials developed by CSIR. After getting approval from the PESO, CSIR would help firecracker manufacturers, thus protecting the livelihoods of those involved in this trade.

**Consultation on DNA Technology (Use and Application)  
Regulation Bill, 2018**

2849. DR. ABHISHEK MANU SINGHVI: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether any consultation was carried out during drafting of the DNA Technology (Use and Application) Regulation Bill, 2018, if so, the details thereof;
- (b) if not, the reasons therefor; and
- (c) reasons as to why there is no linkage in the Bill, between Government's other cyber security projects and regulations and the present law?

THE MINISTER OF SCIENCE AND TECHNOLOGY (DR. HARSH VARDHAN): (a) and (b) Yes Sir, draft Bill was placed for the public comments and also sent for consultations with Ministries/Departments concerned *i.e.* Ministry of Home Affairs; Department of Expenditure, Ministry of Finance; Bureau of Police Research and Development; National Accreditation Board for Testing and Calibration Laboratories; Council of Scientific and Industrial Research; National Crime Record Bureau; NITI Aayog (formerly Planning Commission); Department of Science and Technology and Legislative Department, Department of Legal Affairs, M/o Law and Justice. The draft Bill was also discussed by an Expert Committee on privacy related issues. The comments received from the public and Ministries/Departments concerned were incorporated appropriately in the draft Bill.

- (c) The Bill has the provisions to enter into agreements with concerned investigation agencies, organisations or institutions as appropriate.