

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION No. 3415
TO BE ANSWERED ON 13/03/2020**

WIND AUGMENTATION PURIFYING UNIT

3415. DR. SANJAY JAISWAL:

Will the Minister of SCIENCE AND TECHNOLOGY विज्ञान और प्रौद्योगिकी मंत्री be pleased to state:

- (a) whether the Government has done an impact assessment of the WAYU air purifier prototypes that were installed in Delhi, if so, the details of its efficacy in real time situations;
- (b) whether there are plans to have more WAYU units; and
- (c) if so, the details of location identified and time frame fixed for installing them?

ANSWER

**MINISTER OF HEALTH AND FAMILY WELFARE; MINISTER OF SCIENCE AND TECHNOLOGY; AND MINISTER OF EARTH SCIENCES
(DR. HARSH VARDHAN)**

स्वास्थ्य और परिवार कल्याण मंत्री, विज्ञान और प्रौद्योगिकी मंत्री और पृथ्वी विज्ञान मंत्री
(डॉ. हर्ष वर्धन)

- (a) Yes Sir. The performance of Wind Augmentation Purifying Unit (WAYU) is evaluated for PM10 and PM2.5 monitoring at inlet and outlet of the device in the field. It is observed that device removes PM10 and PM2.5 by 28-49% and 9-25% respectively depending on amount of pollution load and device location. The device has potential applicability for limited area cleaning such as traffic intersections.
- (b) Currently, there are no plans to have more WAYU units.
- (c) Does not arise.
