

GOVERNMENT OF INDIA  
MINISTRY OF WATER RESOURCES,  
RIVER DEVELOPMENT & GANGA REJUVENATION  
**LOK SABHA**  
**UNSTARRED QUESTION NO. 1214**  
ANSWERED ON 03.03.2016

**USE OF BIO-TECHNOLOGY FOR CLEANING GANGA**

1214. SHRI SUSHIL KUMAR SINGH

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether the Government is considering to use bio-technology for cleaning river Ganga, if so, the details thereof;
- (b) whether a study has been conducted to find the suitable method for its cleaning by using bio-technology, if so, the details thereof; and
- (c) whether the Government is working with any other country for the purpose and if so, the details thereof?

**ANSWER**

THE HON'BLE MINISTER FOR WATER RESOURCES, RIVER DEVELOPMENT AND  
GANGA REJUVENATION

(SUSHRI UMA BHARTI)

(a) Yes, Madam. The National Mission for Clean Ganga (NMCG) plans to use biotechnology for in-situ bioremediation of drains in the Ganga Basin.

In-situ bioremediation projects on 4 drains viz. Buddha Nala (Ludhiana), Bakarganj Nala (Patna), Morigate Nala (Allahabad) and City Drain (Farrukhabad), which were earlier being handled by Central Pollution Control Board (CPCB), has now been transferred to NMCG.

Further, NMCG has received several proposals related to in-situ bioremediation for drains and Sewage Treatment Plants (STPs), which are under different stages of appraisal/ scrutiny.

(b) Yes, Madam. The above mentioned projects are basically demonstration projects to find a suitable technology of cleaning Ganga by using bio-technology. The outcome would be evident only after the projects are operational.

(c) No, Madam. As of now, the Government is not working with any other country for using bio-technology for cleaning river Ganga.