

**Technology for detecting contamination in water**

1763. SHRIMATI VIPLOVE THAKUR: Will the PRIME MINISTER be pleased to state:

(a) whether National Centre for Compositional Characterisation of Materials (NCCCM) has developed a portable-visual detection kit for detection of contamination in water within five minutes;

(b) if so, the details thereof;

(c) whether Government proposes to introduce the technology in the country for providing safe drinking water to the public; and

(d) if so, by when the technology is likely to be introduced in Himachal Pradesh?

THE MINISTER OF STATE IN THE DEPARTMENT OF ATOMIC ENERGY (DR. JITENDRA SINGH): (a) and (b) Yes, Sir. National Centre for Compositional Characterisation of Materials (NCCCM), has developed visual detection kits for detection of Fluoride, Chromium (VI) and Iron. The detection can be done in 5 minutes.

Portable Visual Kits for detection of Fluoride, Chromium and Iron have been developed and technology for indigenous manufacturing of these kits is transferred to six private entrepreneurs and product is available in the market. In all detection kits developed, reagents kept inside different bottles are to be added to the water sample. Reagents are added and mixed for two minutes. Within 5 minutes, colour develops in the top layer, the intensity of colour is compared with a colour chart by visual inspection to obtain the concentration range of contaminant in water.

Iron contamination detection kit is at advanced stage of development and very soon will be available to private entrepreneurs.

(c) and (d) Yes, Sir. The technology is introduced in country through technology transfers to private entrepreneurs. Kits are available in market based on DAE technology. It can be utilised to remove related contamination. These kits are commercially marketed by licensees for public use and it can be procured for the use by the public.

**Projects under Central Package and North East Industrial Development Scheme, 2017**

1764. SHRI SAMBHAJI CHHATRAPATI: Will the Minister of DEVELOPMENT OF NORTH EASTERN REGION be pleased to state:

(a) whether Government has established a proper mechanism for implementation

of projects identified under Central Package and North East Industrial Development Scheme, 2017;

(b) if so, the details thereof;

(c) the details of the projects identified under each of the above with financial outlays; and

(d) whether Government has set any target dates for completion of the projects so that benefits accrue to the people of the region early?

THE MINISTER OF STATE OF THE MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION (DR. JITENDRA SINGH): (a) and (b) A new scheme namely North East Industrial Development Scheme (NEIDS), 2017 has been notified on 12.04.2018, which has come into force w.e.f. 01.04.2017 for a period of five years. The scheme requires all eligible industrial units to register under the scheme with Department of Industrial Policy and Promotion through portal prior to being eligible for any benefit under the scheme. The registration is granted to the unit after the approval by the Empowered Committee.

(c) and (d) All new industrial units in manufacturing sector and services sector including Bio-technology and Hydel Power Generation units up to 10 MW located in NER, are eligible for claiming incentives under the scheme. The total financial outlay for NEIDS, 2017 upto March, 2020 is ₹3000 crore. The scheme will remain in force upto 31.03.2022.

#### **Special package for North-Eastern region**

1765. SHRIMATI VIJILA SATHYANANTH: Will the Minister of DEVELOPMENT OF NORTH EASTERN REGION be pleased to state:

(a) whether Government is considering special package for North-Eastern region;

(b) if so, the details thereof;

(c) whether under the north east special infrastructure scheme Government is providing financial assistance for infrastructure projects relating to water supply, power and connectivity for promoting tourism in the region; and

(d) if so, the details thereof?