

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 1230
ANSWERED ON 03.03.2016

RESEARCH IN WATER MANAGEMENT

1230. SHRI KUNWAR PUSHPENDRA SINGH CHANDEL

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

- (a) whether the Government is encouraging research in the fields of water management and its conservation technology;
- (b) if so, the details thereof along with the progress made in these fields during the last three years;
- (c) whether the Government proposes to set up a water university; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION

(PROF. SANWAR LAL JAT)

(a) & (b). Yes, Madam. This Ministry promotes research activity to address the challenges in water sector by adopting modern techniques and technologies and also to involve research & academic institutions pursuing research in identified / key priority areas of water sector through its scheme “Research and Development Programme in Water Sector” under the current Plan. Details of the research projects taken up under the scheme in the field of water management and its conservation technology are at **Annexure-I**. The outcomes of these technologies are demonstrated/disseminated by the respective research institutes to the beneficiaries. During the last three years, the assistance amounting to Rs 1.88 crore in this regard have been provided by way of grants to academicians and experts in universities, IITs, recognized R&D laboratories and institutes by this Ministry.

(c) & (d). There is no proposal to set up a water university as of now.

ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF UNSTARRED QUESTION NO. 1230 TO BE ANSWERED ON 03.03.2016 IN LOK SABHA REGARDING RESEARCH IN WATER MANAGEMENT

Details of the research projects in the fields of water management and its conservation

S.No	Title of project	Institute
1.	Development of a Space enabled Drought Management Support system for the five drought prone districts in Kerala State, in the Wake of the Global Climate Change and the projected impacts	CWRDM, Kozhikode, Kerala
2.	Augmentation of water resources through water harvesting in hilly areas	Dr. Y.S. Parmar University, Solan
3.	Standardization of drip irrigation and fertigation schedules with and without mulchin fruits crop of himalayan region.	Dr. Y.S. Parmar University, Solan
4.	Water use efficiency studies of Mangalam Irrigation project.	CWRDM. Kozhikode Kerala.
5.	Efficiency study of Damodar left bank irrigation system and strategies for integrated command area water management.	IIT, Kharagpur
6.	Impact of mining of water resources in Jaintia Hills, Meghalaya.	CES, N-E Hill. University.Shillong.
7.	Development of GIS based decision support system for Irrigation System Management	AFE Deptt, IIT, Khargpur.
8.	Development of an indigenous automated Micro Irrigation System.	WTC, IARI, NewDelhi.
9.	Investigation on System of Rice Intensification (SRI) of water saving yield optimization in irrigated ecosystem.	Directorate of Rice Research, Hyderabad.
10.	Vulnerability assessment and ground water management studies in aquifers of Pondicherry	Annamalai University, Tamil Nadu.
11.	Hydro-geo-chemical impacts of shrimp farming on coastal watershed	Central Institute of Brakish Water Aquaculture, Chennai
12.	Development of Nanofiltration Membrane Technology for Drinking Water Purification and Water Reclamation for Industrial Use	Central Salt and Marine Chemicals Research Institute, Bhavnagar, Gujarat
13.	Study and Investigations on the Marble Waste material (Marble Slurry) to remove Arsenic from Ground Water"	Govt. R.R. (PG) Autonomous College, Alwar, Rajasthan