

**GOVERNMENT OF INDIA
COAL
LOK SABHA**

UNSTARRED QUESTION NO:1755
ANSWERED ON:05.03.2015
PROJECTS ON COAL RELATED RESEARCH
Mahajan Smt. Poonam

Will the Minister of COAL be pleased to state:

(a) whether science and technology projects on coal related research on protection of environment and ecology have been sanctioned and funded by government under the Science and Technology grants during the 12th Five Year Plan period;

(b) if so, the details thereof, project-wise and year-wise; and

(c) the funds spent on the same and the number of projects completed, year-wise?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF COAL, POWER AND NEW AND RENEWABLE ENERGY
(SHRI PIYUSH GOYAL)

(a): During the 12th plan period, two S&T projects on protection of environment and ecology have been approved by Standing Scientific Research Committee (SSRC) in its 49th meeting held on 16.02.2015.

(b): The details of the above two S&T projects as approved by SSRC are as follows:

Sl. No.	Name of the Project	Total project cost, Rs. in lakh	Status
1.	Sustainable livelihood activities on reclaimed open cast coal mines: a technology enabled integrated approach in Indian coal sector	371.69	Approved by SSRC. Sanction by Government of India has not been issued.
2.	Assessment of mine water environment and development of suitable and cost effective mine void aqua eco-system for promoting Fish culture in abandoned coal quarries of Coal India Limited	224.27	

(c): The Details of S&T projects completed and funds disbursed to the projects related to protection of environment and ecology during 12th Plan (till 25.02.2015) are as follows:

Sl. No.	Name of the Project	Fund disbursed, Rs. in lakh	Year of completion
1.	Treatment of acid mine water generated in Indian coal mines using low cost material	- - -	2012
2.	Emission from coal-based industries-development of predictive models	16.0 - -	2012
3.	Development of methodology for estimation of Green House Gas (GHG) Emissions in mine fire areas and their mitigation through terrestrial sequestration	- - -	2013
4.	Modeling of airborne dust in opencast mines	15.0 - -	Ongoing

