

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:1445

ANSWERED ON:29.07.2015

Utilization of Fly Ash

Kumar Dr. Virendra

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether scientists have found out any utilization of the fly ash obtained from thermal power plants including making the waste land fertile;
- (b) if so, the details thereof;
- (c) the area of land in hectare which could be made fertile through this process and the time period for which this would remain fertile; and
- (d) the steps taken by the Government in this regard?

Answer

MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE MINISTRY OF EARTH SCIENCES
(SHRI.Y. S. CHOWDARY)

(a) Yes, Madam.

(b) Department of Science and Technology (DST) has been supporting Research and Development (R&D) projects aimed at increased utilization of fly ash obtained from thermal power plants in various sectors since 1994 when it launched the Fly Ash Mission (FAM) for a period of four years. Though even the extended term of FAM got over in 2002, DST continued to extend financial support to academic institutions including Agricultural Universities, national laboratories and other agencies for R&D in fly ash utilization. So far, over 70 R&D projects and about 10 baseline surveys, technology forecast documents have been sanctioned. Due to concerted efforts of various agencies engaged in production, utilization and regulation of fly ash like Ministries of Power, Coal and Environment, Forests and Climate Change, besides DST, technologies and processes are now indigenously available in utilization of fly ash in production of cement, bricks, filling up used mines, laying of roads and embankments, construction of dams, dykes, channels, etc. However, use of fly ash for making wasteland fertile has not yet been established.

(c) & (d): Do not arise.
