

**GOVERNMENT OF INDIA  
MINES  
LOK SABHA**

STARRED QUESTION NO:285  
ANSWERED ON:30.08.2013  
RESEARCH IN MINING SECTOR  
Tagore Shri Manicka

**Will the Minister of MINES be pleased to state:**

- (a) whether the Government has brought or proposes to bring out a new set of guidelines to promote research in the mining sector including development of new alloys and exploration of raw materials;
- (b) if so, the details thereof including the broad thrust areas for supporting research in the mining sector;
- (c) whether the Government provides funds/grants to the selected academic institutions, universities and national institutes to conduct research in this regard;
- (d) if so, the details thereof including the names of the institutions and universities along with the funds/grants provided to them so far and the norms laid down for such funding; and (
- (e) the time by which these guidelines are likely to be implemented?

**Answer**

THE MINISTER FOR MINES (SHRI DINSHA PATEL)

(a) to (e) A Statement is laid on the Table of the House.

STATEMENT REFERRED IN REPLY TO LOK SABHA STARRED QUESTION NO. 285 FOR REPLY ON 30.08.2013 REGARDING RESEARCH IN MINING SECTOR ASKED BY SHRI MANICKA TAGORE

(a) Yes, Madam. The Ministry of Mines has brought out a new set of guidelines in May, 2013 to promote research in the mining sector.

(b) The broad thrust areas for supporting research in mining are as follows:-

- (i) Prospecting/exploration for strategic, rare and rare earth minerals,
- (ii) Development of new technology for mineral exploration and mining on land and deep sea to locate and exploit new mineral resources,
- (iii) Research in mining methods. This includes rock mechanics, mine designing, mining equipment, energy conservation, environmental protection and mine safety,
- (iv) Improve efficiency in process, operations, recovery of by-products and reduction in specification and consumption norms,
- (v) Research in metallurgy and mineral beneficiation techniques to utilize lower grade and finer size ores,
- (vi) Extraction of value added products from mine waste, plant tailings, etc.
- (vii) Development of new alloys and metal related products, etc.
- (viii) Evolve low capital and energy saving processing systems,
- (ix) Production of materials of high purity
- (x) Cooperative research among organizations associated with the mineral sector.

(c) Grant-in-aid is provided for supporting mining research under "Science & Technology Programme" Scheme to Academic Institutions, universities, national institutes, Centre for Techno-Economic Mineral Policy Options (C-TEMPO) and R&D Institutions recognized with the Department of Scientific and Industrial Research, Government of India.

(d) Based on recommendations of a Project Evaluation and Review Committee (PERC) and approval of an inter-ministerial Standing Scientific Advisory Group (SSAG) chaired by Secretary (Mines), grant-in-aid provided for R&D projects under "Science &

Technology Programme" Scheme during the last 3 years is as follows:-

(Rs. in lakhs)					
Year	Provision		Funds Released		
	R&D	IEC	Total		
2010-11	300.00	265.23	34.76		300.00
2011-12	300	254.72	12.5	267.22	
2012-13	400.00	390.00	10.00	400.00	

The details of Institutions and universities alongwith grants for the above period are enclosed at Annexure.

( e) The guidelines have been brought out in May, 2013.