

**GOVERNMENT OF INDIA
STEEL
LOK SABHA**

UNSTARRED QUESTION NO:523
ANSWERED ON:09.12.2013
RESEARCH AND DEVELOPMENT IN STEEL SECTOR
Reddy Shri Modugula Venugopala

Will the Minister of STEEL be pleased to state:

- (a) whether the public and the private sector iron and steel companies are engaged in the research and development activities in the iron and steel sector;
- (b) if so, the details thereof along with the major achievements made by these companies during the last three years and the current year;
- (c) the total budgetary allocation earmarked for that purpose in the 12th Five Year Plan period along with the total funds allocated and the expenditure incurred so far during the said period;
- (d) whether any new scheme for the research and development in the steel sector has been proposed in the 12th Five Year Plan by the Government; and
- (e) if so, the details thereof?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF STEEL (SHRI BENI PRASAD VERMA)

(a)&(b) Yes, Madam. Major steel companies like Steel Authority of India Limited (SAIL) and Rashtriya Ispat Nigam Limited (RINL) in the public sector and Tata Steel Limited, JSW Steel Limited, Essar Steel Limited and Jindal Steel & Power Limited in the private sector are engaged in Research and Development work in the iron and steel sector in the country.

There have been substantial achievements from the R&D programmes pursued by the companies during the past which inter-alia covers:-

Raw Materials upgradation,

Improvement in Process/ Technology, Products and Productivity,

Development of New products & improvement in Quality, and

Improvement in Energy consumption & Environment Management.

(c) According to information available from RINL, total budget allocation earmarked for R&D in the 12th Five Year Plan is Rs. 335 crore. No such budget allocation has been earmarked for the 12th Five Year Plan by other companies. The total budget allocated and expenditure incurred on R&D activities during the first two years of the 12th Five Year Plan period by the two public sector steel companies (SAIL and RINL) are given hereunder:

(Rs. in crore)

Company	2012-13	2013-14
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Budget	Expenditure	Budget	Expenditure
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SAIL 145.00 156.00 69.00 86.00

RINL 30.00 31.13 50.00 30.52

Upto Sept 2013

Upto Nov 2013

(d)&(e) A new scheme 'Promotion of R&D in Iron & Steel Sector' was introduced by the Government in the 11th Five Year Plan which has been continued in the 12th Five Year Plan. Government has allocated Rs. 200 crore on R&D during the 12th Five Year Plan Period. A New Component is being added in the aforesaid scheme for development of technology for Cold Rolled Grain Oriented (CRGO) electrical steel sheets and other value added innovative steel products.