

**GOVERNMENT OF INDIA
COAL
LOK SABHA**

UNSTARRED QUESTION NO:1200
ANSWERED ON:05.03.2013
NEW COAL MINING TECHNOLOGY
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Will the Minister of COAL be pleased to state:

- (a) whether the Government proposes to use new technology in the coal mining sector as the old technology is labour intensive and adversely affecting the productivity;
- (b) if so, the details thereof;
- (c) whether the Government is also encouraging coal companies to set up new training institutes and for ensuring compulsory training for its own and outsourced employees for upgradation of skills with regard to contemporary technologies and processes;
- (d) if so, the details thereof;
- (e) whether the Government proposes to set up new institutions or tie up with existing institutions for development of modern state-of-the-art technology in the coal mining sector; and
- (f) if so, the details thereof ?

Answer

MINISTER OF STATE IN THE MINISTRY OF COAL (SHRI PRATIK PRAKASHBAPU PATIL)

(a) & (b):Coal India Limited (CIL) has adopted the policy of completely abolishing manual mining and replacing it gradually with mechanization like introduction of long wall mining, continuous miner, High Wall mining, Side Discharge Loader (SDL), Load-Haul-Dump (LHD) etc. for underground (UG) mines and higher capacity machineries in open cast mines. As a result, there is continuous improvement in productivity as emerges from the following:

Productivity (OMS) of Coal India Limited during each of the last three years is given below :

Year	Productivity (OMS) (Te)
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2011-2012	4.89
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2010-2011	4.73
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2009-2010	4.47
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(c) & (d):Coal India Limited has already 26 (twenty six) training institutes situated in its eight subsidiaries which caters all the training needs of its employees' up-gradation of skills with regard to contemporary technologies and processes. Even all the subsidiaries are having vocational training centres for imparting training to own employees as well as outsourced employees.

In addition, CIL is having a premier training institute named as Indian Institute of Coal Management (IICM) which is having state-of-art facilities and possessing a team of dedicated professionals. IICM aspires to meet the continuing educational & training need of different corporate bodies in general and companies in coal sector in particular.

(e) & (f): CIL is planning to open an extension branch of IICM at Bhubaneshwar to meet for future requirement in respect of training and development needs of the coal companies and others.

Recently Coal India Limited has entered into a MoU with Indian School of Mines (ISM) University, Dhanbad to cater to the human resource needs of the nation in the areas of Mining, Petroleum, Mining Machinery, Mineral Engineering, Earth Sciences etc.

This MoU has been signed in order to maintain CIL Chair Professor in Under Ground Mining of ISM and Rajiv Gandhi Chair Professor in Mining Environment of ISM.