

**Modernisation of coal mines**

3454. SHRI SURESH PACHOURI: Will the Minister of MINES AND MINERALS be pleased to state:

(a) the details of measures taken by Government to modernise the coal mines, both for underground as well as open cast mines; and

(b) how far these measures have helped in raising productivity?

THE MINISTER OF STATE IN THE MINISTRY OF MINES AND MINERALS [DR. (SHRIMATI) RITA VERMA]: (a) and (b) Modernisation of coal mines is a continuous process which includes / involves, *inter-alia*, re-organisation of existing mines, introduction of modern technology and opening of new mines for enhancing production and productivity. These steps have indeed helped in raising productivity. The increase in productivity measured in Output per manshift (O.M.S.) is shown below:—

**PRODUCTIVITY (Output per manshift)***(In tonnes)*

Year	Coal India Limited			Singareni collieries Company Limited		
	Underground	Opencast	Overall	Underground	Opencast	Overall
1997-98 (Actual)	0.57	5.07	1.93	0.76	7.01	1.45
1998-99 (Actual)	0.59	5.52	2.03	0.75	6.78	1.42
1999-2000 (Provisional)	0.60	5.38	2.05	0.75	7.83	1.55

The above table shows that in CIL, the overall productivity has gone up. SCCL has also witnessed growth in productivity except in 1998-99 which was due to strike.

**Royalty on coal to Tamil Nadu**

3455. SHRI S. AGNIRAJ: Will the Minister of MINES AND MINERALS be pleased to state:

(a) the year-wise amount of Royalty paid by the Central Government to Tamil Nadu for coal mining during the last five years;

(b) whether the State Government has requested for enhancing the royalty on coal mining; and

(c) if so, the decision taken by the Central Government in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF MINES AND MINERALS [DR. (SMT.) RITA VERMA]: (a) to (c) No coal mining is done in