

certificates for the good work done during 1986-87.

No Officers in the Department is promoted solely for his role in effecting seizures/detection of duty evasion cases. However, promotion of an officer is governed by his overall performance and conduct as reflected in his CCRs.

Per Capita Income/Investment in Andhra Pradesh

363. SHRI V. SOBHANADREE-SWARA RAO : Will the Minister of PLANNING be pleased to state :

(a) the rate of per capita investment and the rate of increase in per capita income in Andhra Pradesh during the Sixth Plan;

(b) whether it was below the national average; and

(c) if so, steps proposed to increase the per capita income and investment in Andhra Pradesh during the Seventh Plan ?

THE MINISTER OF STATE IN THE MINISTRY OF PLANNING (SHRI SUKH RAM) : (a) The per capita investment in Andhra Pradesh under the Sixth Plan of the State was Rs. 578. Per capita income increased from Rs. 647 in 1980-81 to Rs. 705 in 1984-85 at constant prices.

(b) The above investment was lower than the all-India average during the Sixth Plan period. Per capita income of the State was lower than all-India except in 1981-82 when it was marginally higher than the all-India level.

(c) The Seventh Plan outlay of Andhra Pradesh has been fixed at Rs. 5200 crores which is 67.7 per cent higher than the Sixth Plan outlay of Rs. 3100 crores. In the State Plan emphasis has been laid on poverty alleviation programme, employment generation, irrigation and other productive and income generating schemes.

Study of "Atmosphere Dynamics"

364. SHRI MULLAPPALLY RAMACHANDRAN : Will the PRIME MINISTER be pleased to state :

(a) whether any proposals to have a wholly indigenous radar installation to study 'atmosphere dynamics' are under consideration;

(b) if so, the details thereof;

(c) the estimated cost and allocation made for the the project; and

(d) whether work on the project has commenced and if so, when is it likely to be completed ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K.R. NARAYANAN) : (a) Yes, Sir.

(b) A high power, coherent, pulse Doppler Radar operating in very high frequency (VHF) band and known as Mesosphere, Stratosphere and Troposphere (MST) radar is being established as a National Facility near Tirupati. This radar could be used as a research tool for probing the atmosphere over the height region 5 kms to 100 kms for various atmospheric studies such as three dimensional structure of gravity waves and turbulence, tropospheric wind profile, troposphere-stratosphere interaction etc.

This National Facility is a multi department/agency funded programme with the Department of Space acting as the nodal agency. The Society for Applied Microwave Electronics Engineering Research (SAMEER) of the Department of Electronics has been awarded the contract to design, develop and commission the radar systems. This is an indigenous effort and only critical components/sub-systems which are not available in the country will be imported.

(c) The estimated cost and allocation made for this project is Rs. 730 lakhs with a foreign exchange content of Rs. 155 lakhs.

(d) Yes, Sir. This National Facility will become operational by middle of 1991.