

- (vi) Several programmes of cutting edge research, such as, Nano Mission, Mega facilities for Basic Research, Open source Drug Discovery, Network Projects and National Biotechnology Development Strategy have been undertaken to attain leadership in these areas.

All these schemes are Central Plan Schemes and no State-wise allocation of funds is made. Ministry of Science and Technology has spent Rs. 11,926.36 crore in the Science and Technology Sector in the first three years of the XI Plan.

- (c) The Government does not take financial assistance from other countries for Science and Technology collaborative activities.

One shot solution for diabetes

2805. DR. K.V.P. RAMACHANDRA RAO: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether it is a fact that the National Institute of Immunology (NII) has developed a one shot solution for diabetes;
- (b) if so, whether the trials have been completed; and
- (c) by when it will be introduced for commercial use?

THE MINISTER OF STATE OF THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI PRITHVIRAJ CHAVAN): (a) and (b) Yes Sir, National Institute of immunology (NII), New Delhi, an autonomous institute of the Department of Biotechnology, has developed a novel form of insulin, Supramolecular Insulin Assembly-II (SIA-II), derived from two sources viz., recombinant human (rH) and bovine. This molecule in diabetic experimental animals produces glucose homeostasis for a period of one week to four months. Studies have not yet been conducted in human beings.

- (c) The safety and efficacy of this novel form of insulin needs to be established in human subjects before commercialization can be considered.

National overseas scholarship scheme

†2806. SHRI BALAVANT ALIAS BAL APTE:

SHRI SHREEGOPAL VYAS:

Will the Minister of SOCIAL JUSTICE AND EMPOWERMENT be pleased to state:

†Original notice of the question was received in Hindi.