

(ख) यदि हां, तो उसका न्यौरा क्या है ?

श्रीमती विकास मंत्रालय में राज्य मंत्री (श्री उत्तमभाई एच० पटेल) : (क) और (ख) श्रीमती विकास मंत्रालय में कार्यों का निजीकरण करने का कोई प्रस्ताव नहीं है। मंत्रालय राज्य सरकारों, पंचायत निकायों और गैर-सरकारी संगठनों की माफ़त विभिन्न योजनाएं कार्यान्वित करता है।

Science Congress Meeting on Family Planning

@4034. SHRI BEKAL UTSAHI :
SHRI MURLIDHAR
CHANDRAKANT BHAN-
DARE :

Will the PRIME MINISTER be pleased to state :

(a) whether it is a fact that the Indian Science Congress at its three day meet on 3rd-5th January, 1992 discussed the problem of burgeoning population;

(b) if so, whether any modalities were worked out therein to tackle the population problem effectively; and

(c) if so, what are the details thereof ?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA) : () Yes, Sir.

The Indian Science Congress met at Vadodara for 6 days between 3rd and 8th January, 1992 and deliberated on the focal theme "Science, Population and Development".

(b) and (c) The final recommendations from the Indian Science Congress Association (ISCA), which hold the Science Congress, have not been received by Government. On receipt, the recommendations are processed through an inter-ministerial task force set up for the purpose, to enable appropriate actions by the concerned departments and agencies. Salient aspects of the actions taken are also reported to the next session of the Science Congress through the release of the Task Force Report during the Session.

Migration of Scientists

4035. SHRI RATNA BAHADUR
RAJ : Will the PRIME MINISTER be pleased to state the number of Scientists

and Technocrats migrated from India to other country during the last five years ?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA) : Some scientists and Technocrats from India do migrate to other countries. From a Pilot Study of selected IIT Graduates, it is clear that several go abroad for higher studies in the first instance and seek prolonged employment thereafter. It is, therefore, proving extremely difficult to keep track of the actual numbers of Science and Technology personnel deciding on staying abroad.

Commercialisation of the products assigned to the National Research Development Corporation

4036. SHRIMATI PRATIBHA
SINGH :
SHRI ASHOK NATH VERMA :

Will the PRIME MINISTER be pleased to state :

(a) what are the new products assigned during the last one year to the National Research Development Corporation (NRDC) for their commercialisation and on what terms;

(b) the amount of royalty payable or lump-sum amount payable product-wise;

(c) whether NRDC has entered MOU with Government, Public Sector Enterprise for commercialisation of the products and for releasing of their technology and technical know-how, if so, the details thereof; and

(d) whether NRDC is having financial assistance tied up arrangements with financial institutions for construction of such plants on turn key basis, if so, the details thereof?

THE PRIME MINISTER (SHRI P.V. NARASIMHA RAO) : (a) A list of the processes assigned to NRDC for commercialisation during 1991-92 is given in the statement annexed. (See below). The Corporation shares with R&D Institutions and individual inventors the premium and royalty realised from the sale of the processes in an appropriate ratio.

(b) Commercial and contractual confidentiality does not permit the revealing

@Previously Unstarred Question 2078, transferred from the 11th March, 1992.

of the financial terms of licensing of the know how to various industries.

(c) Yes, Sir. NRDC has signed an MOU with the Defence Research Development Organisation (DRDO) of the Ministry of Defence for Commercialisation of their technologies. NRDC has also signed MOUs with Bharat Heavy Electricals Ltd., New Delhi and Hindustan Aeronautics Ltd., Bangalore.

NRDC has also arrangements with the Department of Science and Technology, All India Radio, and Research Design and Standard Organisation of the Railways, Videsh Sanchar Nigam of the Department of Telecommunication for the commercialisation, on a case to case basis, of the

technologies developed by those organisations.

(d) No, Sir. There is no specific tie up arrangement with financial institutions for turnkey projects. However, Managing Director, NRDC is a member of the Screening Committee of the Venture Capital Fund (VCF) of the Industrial Development Bank of India (IDBI) and of the Advisory Committee of the Risk Capital Technology Finance Corporation of Industrial Financial Corporation of India (IFCI) which provide venture capital to industry for setting up projects based on new technologies.

Statement

Details of the know-how assigned to NRDC during 1991-92

S. No.	Name of the Process	R & D Institute
1	2	3
1	Nickel azo-yellow from methyl anthranilate	Regional Research Laboratory, Bhubaneswar of CSIR
2	2,4, Dihydroxy quinoline from methyl anthranilate	-do-
3	Saponin from soapnuts	-do-
4	Jojoba Body Cream	Central Salt & Marine Chemical Research Institute, Bhavnagar of CSIR
5	Thick Film Attenuator	Defence Electronics Research Laboratory, Hyderabad of DRDO
6	Ethyl Cellulose	Explosive Research and Development Laboratory, Pune of DRDO
7	Polyster resins	-do-
8	2 Nitro Diphenyl Amine	-do-
9	Mechanized Conical Process Vat	National Dairy Research Institute, Karnal of ICAR
10	Low cost plant tissues culture media (PSMB)	Indian Instt. of Technology, Kharagpur
11	Plane Tissue culture media ingredients	-do-
12	Medium Recovery Vehicle	Vehicle Research & Development Establishment, Ahmednagar of DRDO
13	Development of Sand tyres on TATA 1210 S (Size 1200 x 20)	-do-
14	Development of 3 tonne Winch	-do-
15	Operation Theatre Complex on Wheels	-do-
16	Mobile Kitchen Lorry on Shaktiman	-do-
17	Microprocessor-based Steering Torque Meter	Vehicle Research & Development Establishment, Ahmednagar of DRDO
18	Automatic fuel consumption meter for four wheelers	-do-

1	2	3
19 Automatic fuel consumption meter for two wheelers		Vehicle Research & Development Establishment, Ahmednagar of DRDO
20 Angle of approach/departure measuring instruments		-do-
21 Maximum speed measuring instruments		-do-
22 Hydraulically operated articulation test rig		-do-
23 Technology for special sand casting processes in aluminium and magnesium alloy such as (a) Rigid sand moulding (b) Precision		Hindustan Aeronautics Ltd., Bangalore
24 Investment casting technology		-do-
25 Precision and Near-net shape forging technology		-do-
26 Technology for high precision rubber items		-do-
27 Technology for metal matrix composites		-do-
28 Superplastic forming technology		-do-
29 CAD/CAM technology for manufacturing of Precision Forging Dies		-do-
30 Consultancy in testing and investigations of failure & setting up of laboratories		-do-
31 Camera lens/object position indicator		Haryana State Electronics Development Corporation, Chandigarh
32 Fold counter		-do-
33 On/Off timer		-do-
34 Atomic structure display		-do-
35 Multi message display on video screen		-do-
36 Moving Slogan		-do-
37 Reverse counter		-do-
38 Self compensated smart LVDT Transducer		Science & Technology Entrepreneurship Park, Roorkee
39 Inductive ratio transducer		-do-
40 Stainless steel edge wire screen		Birla Instt. of Technology and Science, Ranchi
41 High head hand pump		-do-
42 Solar hot water system		-do-
43 Box type solar cooker		-do-
44 Mini rolling mill for aluminium section		Individual Inventor
45 Gelatine by enzymtic hydrolysis		Energy & Environment Consultant, Calcutta
46 Maintenance-free lead acid batteries		Defence Research & Development Organisation sponsored at Central Electrochemical Research Instt., Karaikudi