

**News Areas of Cooperation with
Germany**

*174. SHRI G.S. BASAVARAJU :
SHRI S.M. GURADDI :

Will the PRIME MINISTER be pleased to state :

(a) whether India and Germany are looking for new areas of cooperation for technology transfer to India in addition to the conventional areas of nuclear energy and space research ;

(b) if so, whether West German Federal Minister for Research visited India in August, 1987 and had discussion with several Union Ministers including the Prime Minister ;

(c) if so, whether any new areas of Indo-German cooperation have been identified ; and

(d) if so, the details thereof and whether any agreement in this regard has been signed ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTER OF STATE IN THE DEPARTMENT OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K.R. NARAYANAN): (a) Yes, Sir. India and Federal Republic of Germany are looking for some new areas of co-operation in Science and Technology and Technology Transfer to India in addition to the conventional areas of peaceful usage of nuclear energy and space research.

(b) Yes, Sir. FRG Minister for Research and Technology visited India in August, 1987. He met the Prime Minister, Union Minister of Energy and Minister of State for Science and Technology.

(c) and (d) During his meetings, the FRG Minister suggested some new areas for future co-operation. These include micro-electronics, information technology, biotechnology, environmental research, solar energy, materials science, nuclear waste management and nuclear safety devices and marine technology.

Areas for co-operation have not yet been identified and no agreement has been signed.

**Training of Senior Officers under
National Management Programme**

*176. SHRI MANIK REDDY : Will the PRIME MINISTER be pleased to state :

(a) whether the Implementation of the National Management Programme for training of senior Government officers at the Management Development Institute, Gurgaon has been undertaken ;

(b) if so, the details thereof ; and

(c) the number of officers trained in the Institute in the last three years ?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS (SHRI P. CHIDAMBARAM) : (a) The Management Development Institute (MDI) Gurgaon have offered to run such a programme. The four Indian Institutes of Management at Ahmedabad, Bangalore, Calcutta and Lucknow and the Xavier Labour Relations Institute, Jamshedpur have agreed to collaborate with MDI in running the programme. The course content and curriculum are under preparation.

(b) Details are given below in the statement.

(c) Does not arise as the First Programme has not yet started.

Statement

National Management Programme

This programme has been specially designed for a mix of officers belonging to Group 'A' Services as well as Senior Executives of public and private sector organisations to promote a joint developmental approach through management education. Participants are required to be sponsored by their respective Ministries/Organisations. The programme is residential.

Eligibility

The applicant should be a graduate, have minimum 5 years of experience and should be of 35 years of age or below.

Contents of the Programme

The Programme consists of about 30 courses and 5 courses as electives besides the project work which carries weightage equal to 6 courses.

(i) Core Courses

Political, Economic, and Social Environment and Policy Studies; Economic Analysis; Quantitative Methods; Mathematics, Statistics, Computers, Management Information Systems; Research Methodology; Production/Materials/Project Management; Marketing; Finance; Personnel and Business Policy.

(ii) Electives

Each participant will be allowed to take 5 courses as electives for more depth of understanding. These electives could be related to functions of Business Management like Finance, Production, Marketing, Personnel Management and International Business.

(iii) Project Work

Project work forms an essential element of the programme and has to be of a good "consultancy" level.

Sponsorship

This is a completely sponsored programme. Participants are advised to secure organisational sponsorship before submitting the application.

Venue, Nature and Duration of the Programme

The programme will be conducted at MDI Campus, Post Box No. 60, Mehrauli Road, Gurgaon-122001 (Haryana).

It is a 15 month programme, spread over five terms.

The programme will demand commitment, a high level of concentration, and

long hours of work. The participants will be required to put in an average of 12-14 hours of work every day.

Remote Sensing Application Centre, Orissa

*177. SHRI SRIBALLAV PANIGRAHI : Will the PRIME MINISTER be pleased to state :

(a) the amount of expenditure incurred by the Remote Sensing Application Centre, Orissa in 1984-85, 1985-86 and 1986-87 ;

(b) how much amount of it has been borne by the Centre during those years ;

(c) the amount sanctioned for the Remote Sensing Application Centre, Orissa in 1987-88 ; and

(d) the details of activities undertaken thereof ?

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) As seen from the Annual Report of Orissa Remote Sensing Application Centre (ORSAC) and as informed by them, the expenditure incurred by ORSAC for the years 1984-85, 1985-86, 1986-87 is given below :

1984-85	...	Rs. 2.07 lakhs
1985-86	...	Rs. 5.72 lakhs
1986-87	...	Rs. 37.13 lakhs

(b) Central Government through project grants has provided following amounts :

1984-85	...	NIL
1985-86	...	Rs. 2.60 lakhs
1986-87	...	Rs. 2.00 lakhs

(c) The amount sanctioned so far for the year 1987-88 for Remote Sensing Application Centre, Orissa is Rs. 36.50 lakhs.

(d) ORSAC has taken up a large number of studies based on remote sensing techniques. The application projects