

DATT TIWARI: (a) According to the provisional results of the 32nd round (1977-78) survey of NSSO, the rate of unemployment in Goa was higher compared to the all-India rate.

(b) Sixth Plan (1980-85) outlay of Goa has been finalised keeping in view, among other things, the prevailing unemployment situation. Various programmes included in the Plan are expected to generate employment opportunities in Goa.

Convention of Scientific Manpower Utilisation

3977. **SHRI MADHAVRAO SCINDIA:** Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether a convention on Scientific Manpower utilisation was held under the aegis of the Institution of Engineers in March, 1980;

(b) if so, what observations and suggestions were made thereat; and

(c) what scheme, if any, has been chalked out for optimum utilisation of available manpower under the Sixth Plan, and how the observations and recommendations made in the said convention are reflected in the framing of the scheme?

THE MINISTER OF STATE IN THE DEPARTMENTS OF SCIENCE AND TECHNOLOGY AND ELECTRONICS (SHRI C. P. N. SINGH): (a) Yes, Sir.

(b) The recommendations of the Workshop are as follows:

- Financial inputs in R & D activities have been considerably low for a developing country like India. These inputs will have to be substantially increased to atleast 1 per cent of GNP to reduce inelasticity of funding.
- R & D cess should be imposed on industry not engaged in R & D activity.

- Applied R & D activities should be given more recognition to attract best talent and to make S & T more productive.
- A few high risk research activities should be encouraged with the hope of making breakthrough in S & T.
- For effective transfer of applied R & D to the economy, an interdisciplinary approach in education, training and research is essential.
- Control over the intake to higher education in S & T is essential to achieve quality and objective oriented education and training.
- Good facilities and training in higher education should be aimed at to attract high scientific and technical calibre.
- As far as possible higher education should be organised to serve the specific needs of industry in terms of sponsoring candidates for higher education.
- A sound technician cadre should be built up in the country by diverting a significant proportion of students to diploma or ITI level education and training. The salary, and wage structure of technicians cadre need to be up-graded.
- There is a need for a well defined recruitment, evaluation and promotion policy for S & T personnel which should aim at meeting skills and jobs and identifying future recruitment and training needs.
- Efforts should be made to attract suitable talent by raising salary scales, providing incentives, and according due social recognition to the achievements of S & T personnel engaged in R & D. The possibility of allowing R & D personnel to augment income through consultancy should also be considered.

- R & D effort in the country suffers from staleness due to lack of mobility of R & D personnel. Efforts should be made to encourage people engaged in R & D to change their areas of work after a period of time.
- There is a need to maintain a data base regarding the S & T expertise available in the country.
- A very low percentage of women are engaged in S & T activities. They should be given greater participation in such activities.

(c) Apart from increased investment in the S & T sector the Sixth Five Year Plan envisages several measures such as intensification of research in high priority areas, formation of a rural crops of young professionals, schemes for S & T for weaker sections, special programmes for women and young scientists, utilisation of expertise in professional and scientific bodies, setting up of State Councils for S & T and Information System for S & T.

मध्य प्रदेश में औद्योगिक विकास में गिरावट

3978. श्री शिव कुमार सिंह ठाकुर: क्या उद्योग मंत्री यह बताने को कृपा करेंगे कि:

(क) क्या मध्य प्रदेश में 1980-81 में औद्योगिक विकास में गिरावट आई है;

(ख) यदि हां, तो तत्संबंधी पूर्ण तथ्य क्या हैं; और

(ग) गिरावट को रोकने तथा विकास की गति बढ़ाने के लिए क्या कार्यवाही की गई है अथवा करने का विचार है ?

उद्योग मंत्रालय में राज्य मंत्री श्री चरण-जात चानना): (क) से (ग) मध्य प्रदेश राज्य सरकार द्वारा दी गयी जानकारी के अनुसार 1980-81 के उत्पादन संबंधी आंकड़े उपलब्ध नहीं हैं, अतः निश्चित रूप से किसी

निष्कर्ष पर पहुंचना संभव नहीं है। फिर भी स्वीकृत किये गये बाध्य पत्रों तथा औद्योगिक लाइसेंसों की संख्या संबंधी स्थिति इस प्रकार है:—

वर्ष	स्वीकृत किये गये बाध्य पत्रों की संख्या	स्वीकृत किये गये औद्योगिक लाइसेंसों की संख्या
1979	34	1
1980	47	18
1981	3	1

(फरवरी, 81 तक)

Non-payment of loans to D.S.I.D.C.

3979. SHRI BHIKU RAM JAIN: Will the Minister of INDUSTRY be pleased to state:

(a) whether it is a fact that the Delhi Small Industry Development Corporation is facing serious financial problems due to non-payment of arrears by interpreneurs; and

(b) if so, the total amount of arrears; and

(c) the steps taken to remedy the situation?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY (SHRI CHARANJIT CHANANA): (a) to (c). Total arrears from the allottees of industrial sheds including electricity dues, water and interest charges amounted to Rs. 6.30 crores upto 31-1-81. While effective steps to realise the arrears due to DSIDC are being taken, the desirability of leasing the sheds on a hire purchase basis instead of rental basis and the modalities thereof are being looked at;