

**Report of the
Special Committee on
Reorganisation and Development
of Polytechnic Education in India
1970-71**

**MINISTRY OF EDUCATION
AND SOCIAL WELFARE
GOVERNMENT OF INDIA • NEW DELHI**

Report of The
Special Committee
on
Reorganisation and Development
of
Polytechnic Education in India
1970-71

Parts I & II



1971

Ministry of Education and Social Welfare
Government of India. New Delhi

PART I

CONTENTS

PART

		PAGES
CHAPTER	I Introduction	1—4
CHAPTER	II A Review of the Development of Polytechnic Education	5—8
CHAPTER	III Concept of Technician and His Education	9—11
CHAPTER	IV Survey of Industry	12—14
CHAPTER	V Reorganisation of Polytechnic Education	15—30
CHAPTER	VI Faculty	31—34
CHAPTER	VII Students	35—37
CHAPTER	VIII Assessment and Education	38—39
CHAPTER	IX Training and Employment	40—42
CHAPTER	X Partnership with Industry and Commerce	43—44
CHAPTER	XI Status and Professional Development of technician	45—46
CHAPTER	XII Administration, Finance Control and Inspection	47—50
CHAPTER	XIII Plan of Action	51—54
CHAPTER	XIV Summary of Recommendations	55—62

PART II

Appendix No I	Speech of Prof. V. K. R. V. Rao at the First Meeting of the Committee	65—69
Appendix No II	Persons Interviewed and Acknowledgements	70—71
Appendix No III	Reports of the Foreign Consultants	72—112
	Section I: Comments Concerning Technical Education in India : Prof. G. Ross Henninger, USA and Mr. E. Houghton, UK	72—77
	Section II: Further Comments : Mr. E. Houghton, U. K.	78—85
	Section III: Suggestions Concerning Polytechnic Education in India : Prof. W.D. Kurz, West Germany	86—96
	Section IV: An Advice on Reorganisation of Technical Education in India : Dr. Ing. Minoru Shimosaka, Japan	97—112
Appendix No. IV	Survey of Technical Education Facilities in India 1969—Diploma Courses in Engineering and Technology	113—159
Appendix No. V(A)	Report of the Survey of Industries Conducted by the Chairman of the Special Committee.	160—205
Appendix No. V(B)	Report of the Job Analysis Survey of Industries done by Technical Teachers, Training Institute, Calcutta	206—224
Appendix No. VI	Illustrative Curriculum Outlines	225—245