

## CONTENTS

ABSTRACT	iv
1. INTRODUCTION	1
1.1 Postgraduate Programme at IIT Bombay	1
1.2 Need for the Present Study and its Objectives	4
1.3 Some Related Studies	5
1.4 Population Under Consideration in Present Study	7
2. METHODOLOGY	13
2.1 Phases of Work	13
2.2 The Questionnaire	14
2.3 Replies Received	15
3. CAREER PROFILE OF THE IIT BOMBAY POSTGRADUATE	18
3.1 Categorization of Alumni	18
3.2 Personal and Background Information	20
3.2.1 M.Tech. Alumni	20
3.2.2 Ph.D. Alumni	26
3.2.3 Comparisons	33
3.3 Location of Alumni	37
3.3.1 M.Tech. Alumni	37
3.3.2 Ph.D. Alumni	41
3.3.3 Comparisons	45
3.3.4 Overall Brain Drain	46
3.4 Academic Career and Professional Training	49
3.4.1 M.Tech. Alumni	49
3.4.2 Ph.D. alumni	54
3.4.3 Comparisons	58

3.5 Nature of Work	60
3.5.1 M.Tech. Alumni	60
3.5.2 Ph.D. Alumni	77
3.5.3 Comparisons	91
3.6 Concluding Remarks	98
FEEDBACK ON THE IIT BOMBAY PROGRAMME	100
4.1 M.Tech. Alumni	100
4.2 Ph.D. Alumni	104
CHAPTERWISE SUMMARY	111
APPENDIX I     Questionnaire and Covering Letter	120
APPENDIX II    Description of Field of Work	126
II.1 Comments of M.Tech. Alumni	126
II.2 Comments of Ph.D. Alumni	132
ACKNOWLEDGEMENTS	136