

CONTENTS

	Page No.
<i>PREFACE</i>	<i>i</i>
<i>EXECUTIVE SUMMARY</i>	<i>iii</i>
<i>RECOMMENDATIONS</i>	<i>vii</i>
<i>ACKNOWLEDGEMENT</i>	<i>x</i>
<i>LIST OF ABBREVIATIONS</i>	<i>xi</i>
1.0 INTRODUCTION	01 - 13
1.1 Definition of Innovation	03
1.2 The Indian Scenario	06
1.3 R&D Activities on Materials	09
1.4 Objectives	12
2.0 METHODOLOGY	13 - 14
3.0 DATA COLLECTION AND ANALYSIS	14 - 64
3.1 Data Collection	15
3.1.1 Workshop on Materials Research	19
3.2 Innovations	25
3.2.1 Technologies Transferred to Industries for benefit to the Society	26
3.2.2 Technologies Ready for Transfer	32
3.2.3 Technologies under Progress having Potential of High Impact on Society & Economy	40
3.2.4 Development of Database on Innovation	41
3.3 Factors Affecting Innovations	45
3.4 Mandates for Innovative Work	63
4.0 CONCLUSIONS	65
REFERENCES	66
<i>ANNEXURES - I, II, III, IV & V</i>	<i>I - LXXVII</i>