



CUBIC ZIRCONIA PROCESSING

K.K. SHARMA
P.MANOJ KUMAR

A Guide to Cubic Zirconia Processing Industry using modern
machines with special reference to the role played by DGDC

CUBIC ZIRCONIA
PROCESSING

K.K. SHARMA
P. MANJU KUMAR

A Guide to Cubic Zirconia Processing Industry using modern machines
with special reference to the role played by DGDC

To Mr. S.N. SHARMA,
Chairman,
D.G.D.C.

*Whose foresight will put India in the World map
for the synthetic Gem stone industry.*

CONTENTS

CHAPTER	PAGE
Foreword	i
From the Trade	ii
Preface	iv
Acknowledgments	v
List of Illustrations	vi
List of Tables	vii
1. INTRODUCTION	1
1.1 Gemstones,	
1.2 Synthetic Stones	
1.3 The Synthetic Stone trade	
1.4 The Indian Scene	
1.5 Export of Synthetic stones	
2. DIAMOND & GEM DEVELOPMENT CORPORATION	6
3. TIRUCHY GEM PARK AND ITS ACTIVITIES	8
3.1 Training	
3.2 Supply of Machinery	
3.3 Guidance in arranging Finance	
3.4 Marketing Assistance	
3.5 After Sales Service	
4. CUBIC ZIRCONIA	11
5. PHYSICAL & OPTICAL PROPERTIES	13
5.1 Clarity	
5.2 Refractive of light	
5.3 Total reflection	
5.4 Effect of proportions	
5.5 Dispersion : The touch of enchantment	
5.6 Hardness	
5.7 Why CZ is the closest imitation of Diamond	

