

## C O N T E N T S

	Page
Certificate of Guide ...	I
Acknowledgement ...	II
General remarks ...	III
Synopsis ...	IV
Chapter 1 <u>A REVIEW ON THE APPLICATIONS OF FUNCTIONALIZED POLYMERS IN ORGANIC SYNTHESIS</u> ...	1-36
Introduction ...	1
Synthesis of Functionalized Polymers ...	2
Structure and Properties of Functionalized Polymers ...	3
Advantages and Disadvantages in using Functionalized Polymers ...	5
Polymer Supported Reagents ...	9
Reactions using Polymer Supported Substrates ...	14
Polymer Supported Catalysts ...	19
Organic Synthesis on Polymeric Carriers ..	25
Polymer-bound Formulations ...	26
References ...	31
Chapter 2 <u>POLYMER-SUPPORTED MELDRUM'S ACID ANION : A SIMPLE AND EFFICIENT METHOD FOR BIS- ALKYLATION OF MELDRUM'S ACID</u> ...	37-58
Abstract ...	37
Introduction ...	37
Present Work ...	43
Experimental ...	48
References ...	56

(ii)

	Page
Chapter 3 <u>POLYMER-SUPPORTED REAGENTS : THE USE</u> <u>OF ANION EXCHANGE RESIN IN THE SYNTHESIS</u> <u>OF ARYLOXYACETIC ACID ESTERS</u> ...	59-76
Abstract ...	59
Introduction ...	59
Present work ...	66
Experimental ...	70
References ...	74

-oo0oo-