

CONTENTS

CHAPTER		Page No.
	PREFACE	i
1	PAPER - I	1
	A NOTE ON LARGE DEFLECTION ANALYSIS OF CIRCULAR SANDWICH PLATES - A NEW APPROACH	
	PAPER - II	13
	BENDING OF A SANDWICH CIRCULAR PLATE UNDER LARGE DEFLECTION	
	PAPER - III	20
	A NOTE ON THE LARGE DEFLECTION OF HEATED SANDWICH CIRCULAR PLATES - A NEW APPROACH	
2	PAPER - I	32
	A MODIFIED APPROACH TO THE LARGE AMPLITUDE FREE VIBRATION OF PARABOLIC PLATES	
	PAPER - II	42
	LARGE AMPLITUDE FREE VIBRATION OF SANDWICH PARABOLIC PLATES	
3	PAPER - I	60
	A NEW APPROACH ON LARGE DEFLECTION ANALYSIS OF SPHERICAL SANDWICH SHELL	
	PAPER - II	76
	A NOTE ON THE LARGE DEFLECTION ANALYSIS OF HEATED SANDWICH SPHERICAL SHELL - A NEW APPROACH	
4	PAPER - I	91
	A NEW APPROACH ON THE NONLINEAR ANALYSIS OF SNAPPING OF THIN SPHERICAL CAP	
	CONCLUSION OF THE THESIS	98
	BIBLIOGRAPHY	99
	ACKNOWLEDGEMENT	109
	REPRINTS	110