

CIVIL ENGINEERING

STRENGTH OF MATERIALS



CONTENTS

1.	Strength of Materials -----	1-82
2.	Shear Force and Bending Moment -----	83-154
3.	Deflection of Beam -----	155-262
4.	Transformation of Stress and Strain -----	263-326
5.	Combined Stress -----	327-350
6.	Bending Stress in Beam -----	351-398
7.	Shear Stress in Beams -----	399-439
8.	Torsion of Circular Shaft -----	440-480
9.	Columns -----	481-497
10.	Springs -----	498-512
11.	Thick and Thin Cylinder/Sphere -----	513-530
12.	Moment of Inertia -----	531-548