

CONTENTS

Hitesh N Panchal, Bakul Patel
Keyursinh Thakor & Prakash Chavda

A. Chennakesava Reddy

Anil Kumar B & H. K. Srivannan

P. K. Pandey
M. K. Pandey &
Betal Singh

R. Murugan

K. Padmanabhan
E. Naveen & Nirup Philip

D. Govardhan, A.C.S. Kumar &
K.G.K. Murthy

A. P. Partha, B. M. Raja Prakash &
T. Jagadish

Rohit Sunny Kannattukunnel

N. C. Patil, P. V. Rao,
Bhuvaneswari P &
Mallikarjun HM

R. S. Jadhugirdar &
Ashish D Vikhar

Progress in Enhancing the Productivity of Passive Solar Still: A Review	71-76
Tensile Properties and Fracture Behavior of 6063/SiC _p Metal Matrix Composites Fabricated by Investment Casting Process	77-82
An Overview on Impact Behavior of Composite Materials	83-86
The Effect of Aluminum Oxide and Aramid on Tribology of Polymer Matrix Composites Used for Automotive Brake Friction Liner-A Technique of Taguchi	87-93
Numerical Simulation of Turbulent Pre-mixed Combustion in SI Engine	95-99
The Design, Fabrication and Mechanical Characterization of Glass and Carbon Fabric/Epoxy Matrix Hybrid Composites	101-107
Mechanical Behaviour of Friction Surfaced Stainless Steel Deposit on Low Carbon Steel	109-114
Computational Modeling of Powder Compaction Process Using Finite Element Method	115-120
A Feasibility Report on the Development of Pneumatic Circuit for Regenerative Brake Mechanism	121-123
Design and Implementation of 12-bit 75-MS/s Pipelined ADC Using Open-Loop Residue Amplification 180 nm CMOS Technology	125-130
Competitive Six Sigma Road Maps: DMAIC and DFSS for Manufacturing Stabilization in New Product Development	131-135

