



CONTENTS

Analyzing mechanical behavior of ABS-SiO₂ polymer-based nanocomposite based on ANOVA method M. Afzali, V. Asghari	61
Analysis of randomly distributed particles and matrix interfaces of epoxy-based multilayered composites S. Alam, M.A. Chowdhury	70
Analysis of VBO governing sequence to minimize porosity in out-of-autoclave prepregs F. Shaik, R. Malkapuram, K.C. Shekar, D. Varma	87
Influence of montmorillonite nanoparticles on thermal and mechanical properties of carbon-carbon hybrid composites based on phenolic-formaldehyde resin F. Kateusz, T. Korzec, M. Zambrzycki, O. Cherniushok, M. Gubernat	96
Effect of thermal treatment on mechanical properties of sustainable composite: experimental and simulation study I. Ouchte, M. Ait El Fqih, J. Chafiq, R. Matadi Boumbimba, A. Mikdam, H. Chakir	102
Study of mechanical behaviour in three-point bending of fatigue-stressed composite laminates N. Khelifa, K. Bey, H. Mzad	107
Experimental investigations on mechanical properties of walnut shell and pine needle ASH polylactic ACID biocomposites A. Chaturvedi, L. Ranakoti, P. Kumar Rakesh, N. Kumar Mishra	114