

**Individual Articles**

More than Measurements: A Soar-based (Situation-Objectives-Approach-Resolution) Materials Laboratory Redesign Targeting a Novel Learning Objective Charles E. Sprouse III Benedictine College, Atchison, Kansas, USA .....	1
Designing Non-Destructive Testing and Evaluation Courses for Undergraduate Engineering Programs Mohammed Siddig Mohammed and M. S. Aljohani King Abdulaziz University, Jeddah, Saudi Arabia .....	17
Snap, Crackle, and Pop: Breaking Chocolate to Understand Composite Design Denise Yin, Christopher M. Shumeyko Julia E. Cline, Matthew K. Dunstan, Philip E. Goins, and Daniel M. Field Oak Ridge Associated Universities Postdoctoral Research Fellowship sited at U.S. Army Research Laboratory, Aberdeen Proving Ground, Maryland, USA .....	27
Polymers in the Production of Crude Oil: II : . An Experimental Procedure to Prepare Polymeric Magnetic Nanocomposites Erick L. F. Vianna <sup>a</sup> , Vlademir V. Figueiredo <sup>a</sup> , Antonieta Middea <sup>b</sup> , Vitor S. Brandão <sup>b</sup> , Luiz C. Bertolino <sup>b</sup> and Luciana S. Spinelli <sup>a</sup> Universidade Federal do Rio de Janeiro, COPPE/PENt. Rio de Janeiro, Brazil. <sup>b</sup> Centro de Tecnologia Mineral, CETEM, Rio de Janeiro, Brazil <sup>c</sup> Universidade Federal do Rio de Janeiro, Instituto de Macromoléculas, Rio de Janeiro, Brazil.....	41
Example of Good Practice for Teaching Mechanics of Materials using the Comparison Between Torsion and Bending Y.F. Zhang Hebei University of Technology, Tianjin, China .....	51
<b>Guidelines for Authors</b> .....	v
<b>Publication and Subscription Information</b> .....	ix