Journal of SMET Education: Innovations and Research

Inside January - April 2000 Volume 1, Number 1

	Editorial	3
	Features	
 Electrical Cirucit Design DC Curcuit Analysis Heat Transfer Electrical Safety 	An Examination of NSF's Programs in Undergraduate Education Norman L. Fortenberry	4
	I Want My Pizza Hot! - A Case Study - Instructor's Guide Saleh Sbenaty	16 19
	Case Writing: A Tool for Teaching and Research William Naumes and Margaret J. Naumes	24
Marine Menting Planning	Case Studies for Teaching Technology: Contexts for Case Content - Companion Note Mark E. Walls	33
Engineering DesignEthical Considerations	Implications and Ramifications of Engineering Design of Field Joint for Space Shuttle: STS 51-L - A Case Study - Instructor's Guide Akila Sankar, Chetan S. Sankar, P.K. Raju, and Vamsee Dasaka	37 60
Statistical AnalysisDecision Making	News	
Processor Secretary Construction from the Construction of the Cons	Conferences 2000 Upcoming conferences throughout the year	63
	Grant Opportunities Information on grants provided by the National Science Foundation, the Department of Labor, etc	64
	Instructions for Authors	inside back cover

Journal of SMET Education: Innovations and Research (ISSN 1526-2367) is published quarterly by Technovations, RLS, LLC, P.O. Box 4001, Auburn, AL 36831. www.e-technovations.com Periodicals postage rate paid at Auburn, AL and additional mailing offices.

SUBSCRIPTION RATES: Individuals: \$40 (domestic), \$60 (foreign); Libraries: \$80 (domestic), \$120 (foreign).

PERMISSION FOR USE: The copyright owner's consent does not extend to copying for general distribution, for promotion, for creating new works, or for resale. Specific written permission must be obtained from the publisher for such copying.

Copyright © 2000 by Technovations, RLS, LLC and SEATEC of Nashville State Technical Institute. It is a condition of publication that manuscripts submitted to this journal have not been published and will not be simultaneously submitted or published elsewhere. By submitting a manuscript, the authors agree that the copyright for their article is transferred to the publisher if and when the article is accepted for publication. The copyright covers the exclusive rights to reproduce and distribute the article, including reports, photographic reproductions, microfilm, or any other reproductions of similar nature and translations. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, electrostatic, magnetic tape, photocopying, recording or otherwise, without permission in writing from the copyright holder.