

ISSN: 2305-3623

# International Journal of Education and Management Engineering



**IJEME** Vol.2

[Http:// www.mecs-press.org](http://www.mecs-press.org)

Vol. 2 No.2 February 2012



## Contents

---

Learning Preferences to Physiology of Undergraduate Students in a Chinese Medical School <i>Yumin Ding, Jianxiang Liu, Hong Ruan, Xiong Zhang</i>	1
Heated Oil Pipeline Shutdown and Restart Simulation Software Development Using VB and MATLAB Hybrid Programming <i>Changjun Li, Wenlong Jia, Kexi Liao, Xia Wu</i>	6
Study of Index Mechanism for GML Data <i>Yajuan Yao, Lijuan Shi</i>	13
Improved Particle Swarm Optimization for Constrained Optimization <i>Zhicheng Qu, Qin Yang</i>	21
Promote Research-learning in Teaching of the Basic Theoretical Courses <i>Hua Han, Fei Tang</i>	29
Research on Implementation of Undergraduate Tutorial System in Economy and Management Specialty in the Agricultural and Forestry University <i>QIAO Li-juan, JIAO Xiao-song, Du Ying-na</i>	34
The Course Design for Algorithm Analysis and Research on Improving the Students' Comprehensive Ability <i>Wang Fangxiu</i>	42
A Course Project of Chinese Character Text Editor for Embedded System Education <i>Ye Junjie, Yu Jianxin</i>	47
Construction and Application of Virtual Teaching Platform of Special English for Applied Chemistry <i>Ying Fu, Lixia Zhao, Fei Ye</i>	54
Study on the Examination Pattern of the Engineering Specialized Courses <i>Chen Zhao, Yuan-Gang Wang, Jian-Xiao Ma, Ai-Hua Yu</i>	59
Computer Technology in Psychological Experiment Teaching <i>Zhang Mei</i>	66
Research of Network Security and Information Encryption <i>Wan Hongli</i>	74

---