

2014/4

中国冶金教育

CHINA METALLURGICAL EDUCATION

(双月刊 1982年创刊) ■ 中国冶金教育学会 / 主办



2014年第4期(总第163期)目录

2014年8月26日

中国冶金教育学会主办
中国冶金教育

本刊协办单位
(排名不分先后)

武汉科技大学
辽宁科技大学
青岛理工大学
内蒙古科技大学
沈阳大学
辽宁科技学院
黑龙江工程学院
重庆科技学院
昆明冶金高等专科学校
山西工程职业技术学院
吉林电子信息职业技术学院
湖南工业大学冶金工程学院
河北工业职业技术学院

致作者

投寄给本刊的稿件(论文、图表等)自发表之日起,其网络传播权即授予本刊。有异议者,烦请来稿时说明。未声明者,本刊视为同意。谢谢合作!

❖教学改革

- 大学生创业能力培养途径探讨 范才河,朱月兵(1)
- 加强课程建设提升研究生培养质量 高明生(4)
- 材料学学科硕士学位研究生课程体系改革探索
..... 王磊,王大海,蒋敏,鲁林(6)
- 基于过程考评的冶金技术专业核心课程教学模式改革
..... 马琼,杨健壮(9)
- 金属材料工程专业教学改革 王晓南,侯纪新,章顺虎(13)
- 冶金工程专业课程考试改革探讨
..... 王建丽,刘竹林,胡淘璞,肖瑞伟(16)
- 基于“卓越计划”的汽车机械工程基础课程教学改革
..... 李荣,臧杰,纪峻岭,安永东(18)
- 机械工程专业卓越工程师培养探索与实践
..... 邹光明,蒋国璋,孔建益,侯宇,王兴东,曾良才(21)
- 工程热力学教学方法改革
..... 吴暉,金光,高靖芳,王丽芳,何丽娟(24)
- 案例教学法在材料性能学课程教学中的应用 林碧兰(26)
- Ansoft 软件在电磁场与电磁波课程教学中的应用
..... 郑庆庆,吴谨(29)
- 内点法优化案例中 FB 共轭梯度法方向固化现象
..... 郭良斌,肖涵(31)
- 数学分析课程研究性教学方案探索
..... 李为东,徐岩,廖福成(35)
- 焊接技术与工程本科生专业学习研究
..... 甘贵生,迟露鑫,伍光凤,李春天,许惠斌,杜长华(37)

高校多媒体与板书教学比较	邓永春,王艺慈(41)
专业视角下职业生涯规划课程体系建设	毕记满(44)

❖ 实践教学

冶金类毕业论文(设计)质量监控体系现状及改进措施	胡宇杰,夏志美,陈滨,向楷雄,杨燕(47)
冶金原理课程实践性教学模式探索	王珊,高德东,祁星财,童知军(50)
化工原理实验项目化教学	胡秀英,朱炳龙(52)
自动化专业大学生科技创新活动研究	贾鹤鸣,宋文龙,戴天虹(54)
钢结构设计课程实践教学模式探索	高鹏,赵根田,陈明,刘荣来(56)
实验教学中尊重学生个体差异	廖晓玲,徐文峰,何红(58)
科技创新活动助力材料类应用型本科人才创新能力培养	章晓波,巴志新,王章忠(61)
基于电子大赛的职业院校电子类课程实践教学改革	戈田一,摆银龙(63)

❖ 外语教学

大学英语写作教学存在的问题及改进措施	席文茹(66)
大学英语口语课堂沉默现象实证研究	王波(69)

❖ 学生工作

高校思想政治教育协同创新的价值追求	孙金香,郭加书,潘伟国,王树娟(73)
人的全面发展视角下高校思想政治教育社会化探析	徐雪平(76)
大学生信教现状、原因及对策	刘洁(80)

❖ 专题研究

成人高等教育学籍管理制度建设及执行力研究	卢曦,李慧民,韩晓旭,李娜(83)
青年教师教学能力培养与工程实践	宋滨娜,章顺虎,盛敏奇,侯纪新,杨维翰(86)
青年教师成长培育的督导模式	魏鑫,邢丽红,袁康,罗圣国(88)
研究生导师工作绩效提升路径探析	赵智博,谷诗梅,孙娇梦,张力文(90)

CHINA METALLURGICAL EDUCATION(Bimonthly)

No.4, 2014

August 26th, 2014

Contents

Education Reform

- Explorations on Way to Cultivate College Students' Entrepreneurial Ability FAN Caihe, ZHU Yuebing(1)
- Strengthening Curriculum Construction to Improve Postgraduate Education Quality GAO Mingsheng(4)
- Reform and Explorations on Postgraduates' Curriculum System in Materials Science Discipline WANG Lei, WANG Dahai, JIANG Min, LU Lin(6)
- Teaching Mode Reform of Core Curriculum About Professional Metallurgical Technology Based on Process Examination and Assessment MA Qiong, YANG Jianzhuang(9)
- Teaching Reform of Metal Material Engineering Major WANG Xiaonan, HOU Jixin, ZHANG Shunhu(13)
- Reform and Explorations on Course Examinations in Major of Metallurgical Engineering WANG Jianli, LIU Zhulin, HU Xunpu, XIAO Ruiwei(16)
- Teaching Reform of Fundamental Courses of Automobile Mechanical Engineering Based on "Outstanding Engineer Plans" LI Rong, ZANG Jie, JI Junling, AN Yongdong(18)
- Exploration and Practice of Training About Excellent Engineers in Major of Mechanical Engineering ZOU Guangming, JIANG Guozhang, KONG Jianyi , HOU Yu, WANG Xingdong, ZENG Liangcai(21)
- Reform of Teaching Methods of Engineering Thermodynamics WU Xuan, JIN Guang, GAO Jingfang, WANG Lifang, HE Lijuan(24)
- Application of Case-based Teaching Method in Materials Properties Course LIN Bilan(26)
- Application of Ansoft Software in Teaching of "Electromagnetic Field and Electro-magnetic Wave" Course ZHENG Qingqing, WU Jin(29)
- Phenomenon of Direction Solidification of FR Conjugate Gradient Method in Optimization Example of Using Interior Point Method GUO Liangbin, XIAO Han(31)
- Exploration and Practice of Research Teaching Approaches in "Mathematical Analysis" Course LI Weidong, XU Yan, LIAO Fucheng(35)
- Study on Professional Learning of Undergraduates of Welding Technology and Engineering GAN Guisheng, CHI Luxin, WU Guangfeng, LI Chuntian, XU Huibin, DU Changhua(37)
- Comparisons Between Multimedia Teaching and Blackboard Writing in Universities DENG Yongchun, WANG Yici(41)

Construction of Career Planning Course System from the Perspective of Profession BI Jiman(44)

Practice Teaching

Status and Improvement Measures of Quality Monitoring System of Metallurgy Graduation Thesis (Design) HU Yujie, XIA Zhimei, CHEN Bin, XIANG Kaixiong, YANG Yan(47)

Explorations on Practical Teaching Mode of Metallurgical Principle Courses WANG Shan, GAO Dedong, QI Xingcai, TONG Zhijun(50)

Explorations on Project Teaching of Chemical Engineering Principle Experiment HU Xiuying, ZHU Binglong(52)

Study on College Students' Technology Innovation Activities in Major of Automation JIA Heming, SONG Wenlong, DAI Tianhong(54)

Explorations on Practice Teaching Mode on Steel Structure Design Course GAO Peng, ZHAO Gentian, CHEN Ming, LIU Ronglai(56)

Respecting Students' Individual Differences in Experimental Teaching LIAO Xiaoling, XU Wenfeng, HE Hong(58)

Cultivating Innovative Ability of Applied Undergraduate Talents of Material With Help of Science and Technology Innovation Activities ZHANG Xiaobo, BA Zhixin, WANG Zhangzhong(61)

Practice Teaching Reform of Computer Courses in Vocational Schools Based on Computer Contests GE Tianyi, BAI Yinlong(63)

Foreign Language Teaching

Problems in College English Writing and Their Solutions XI Wenru(66)

Empirical Study on Silence in College English Speaking Class WANG Bo(69)

Students Administration

Value Pursue of Collaborative Innovation of Ideological and Political Education in Universities SUN Jinxiang, GUO Jiashu, PAN Weiguo, WANG Shujuan(73)

Analysis of Socialization of Ideological and Political Education in Universities From Perspective of Human General Development XU Xueping(76)

Situation, Causes and Countermeasures of College Students' Religious Belief LIU Jie(80)

Subject Research

Research on Construction and Implementation of Students' Status Management System in Adult higher Education LU Xi, LI Huimin, HAN Xiaoxu, LI Na(83)

On Cultivating Young Teachers' Teaching Ability and Engineering Practical Ability SONG Binna, ZHANG Shunhu, SHENG Minqi, HOU Jixin, YANG Weihang(86)

Study on Supervision Mode of Young Teachers' Growth and Cultivation WEI Xin, XING Lihong, YUAN Kang, LUO Shengguo(88)

Exploration and Analysis of Ways of Improving Postgraduate Tutors' Work Performance ZHAO Zhibo, GU Shimei, SUN Jiaomeng, ZHANG Liwen(90)

2014/4

中国冶金教育(双月刊 1982年创刊)

主管单位: 中国钢铁工业协会

主办单位: 中国冶金教育学会

主 编: 周成祥

副 主 编: 王庆厚

编辑出版: 《中国冶金教育》编辑部

印刷单位: 北京联兴盛业印刷股份有限公司

发行单位: 本刊编辑部

发行范围: 国内外公开发行

出版日期: 每双月26日出版

地 址: 北京市东城区东四西大街46号

邮政编码: 100711

联系电话: (010)62332393 (010)62319584

传 真: (010)62343494

电子信箱: yjjyxh@sina.com

ISSN 1007-0958



刊 号 $\frac{\text{ISSN}1007-0958}{\text{CN}11-3775/\text{G}4}$

定 价: 7.00元

封面设计: 李 淳

万方数据