

ISSN 1674-943X
CN 13-1400/TB

工业技术与职业教育

INDUSTRIAL TECHNOLOGY AND VOCATIONAL EDUCATION

- 全国高职高专优秀学报
- 全国高职院校优秀学报
- 万方数据全文收录期刊
- 中文科技期刊数据库全文收录期刊
- 中国核心期刊（遴选）数据库收录期刊
- 国家哲学社会科学学术期刊数据库收录期刊

EDUCATION

河北省教育厅 主管

4
2021
第19卷第4期
Vol.19 No.4

工业技术与职业教育

INDUSTRIAL TECHNOLOGY AND VOCATIONAL EDUCATION

编辑委员会

顾问 (以姓氏笔画为序):

许开成 姜大源 赵志群
曹 晔

主任: 田秀萍

副主任: 崔发周

委员 (以姓氏笔画为序):

于淑娟 王联翔 王大勇
王风华 田秀萍 白 洁
许开成 孙艳敏 孙秀春
刘艳丽 张建军 张慧芳
劳旺梅 孟海涛 姜大源
赵志群 夏君旨 高秀娟
曹 晔 崔发周 黄振菊
蒋晓荣 甄立常

目 次

本期新论

高职院校高水平专业群项目管理方式选择.....崔发周

应用技术研究

钢杯套挤压模具设计及成型工艺数值模拟.....

.....葛 德, 高汉华, 王登营, 秦 春 (1)

基于BIM技术的小型泵站全生命周期优化研究.....

.....周春煦, 林 伟, 朱九峰, 朱 亮, 吴 澎 (6)

基于城市地下智慧感应的防灾预警系统应用研究.....

.....张晓彬, 赵巍平, 曹伟伟, 黄俊博, 李馨茹 (9)

黑臭水体面源污染防治措施分析——以深圳大康河为例.....

.....毕南妮 (13)

基于ABAQUS骨折外固定支具力学性能仿真研究.....

.....阎金刚, 彭 飞, 张吉利, 姚海明, 侯雯卉 (16)

人才培养模式改革

产业集群视角下职业教育产学合作策略探析——以粤港澳大湾区为例.....

.....郑 彬 (19)

高职院校工业互联网产业学院组建模式研究.....

.....杨欣伟, 甄立常, 巩晓宁 (24)

“双高”背景下高职院校计算机类专业校企合作人才培养新模式研究.....

.....李红艳 (31)

双高计划背景下高职专业群人才培养方案建设与实践——以某学院光电技术应用专业为例.....

.....董 巍, 周 京 (34)

集团化办学模式下“校政行企”人才培养改革的实践探索——以广东工贸职业教育集团为例.....

.....杜玉帆 (39)

高职院校跨境电商人才培养方式研究.....

.....刘彩霞, 王春娟 (44)

建筑工程计量与计价“线上+线下”教学过程重构.....

.....王久军 (47)

混合现实技术在过程仪表课程教学中的探索.....

.....徐晨晨, 吴瑞聪 (50)

混合式教学方法在“工业机器人现场编程”课程中的应用.....

.....刘良斌, 刘德玉, 卜志东 (54)

世界技能大赛对河北省高职院校教育改革的影响.....

.....王新雷, 王瑞飞, 宣懿楠 (58)

世界技能大赛对高职院校化工实验教学的启示.....
.....廖尾英, 王丹, 刘秋红, 张丽娟 (61)
高职师范院校英语教学模式现状调查——以大同师范高等专科学校
为例.....杜芳 (64)
“智能财务”模式下重构会计专业的课程体系.....
.....王晓燕, 张峰 (68)
新发展理念下高职校园文化提升就业创业能力的对策研究.....
.....彭贺明, 戴琨 (72)

大思政研究

“课程思政”背景下高职院校专业课教师面临的困境与应对.....
.....张一 (75)
网络育人视域下高职院校网络思政工作室的建设路径.....
.....崔晨秋, 王浩文 (79)
高职院校应用文写作课程融入思政教学的实施路径研究.....
.....刘伟 (82)
高校网络舆情的引导与治理研究.....饶思柳, 叶海波 (85)
新时代高职院校心理健康教育课程效果提升研究.....
.....张月, 胡振明 (90)
高职院校以学生为中心的德育主题班会模式.....张蕾 (94)

现代学徒制研究

现代学徒制育人模式的前期探索——以嘉兴职业技术学院为例.....
.....沈建明, 罗必露, 吴湘莲, 何斌 (97)
玉雕课程的现代学徒制“1+1+1”教学模式研究.....
.....初秀, 杨宇, 林若波 (102)

学术纵横

构建政府主导型唐山社区教育发展模式的探索与实践.....
.....毛东升, 张晶晶 (105)
曹妃甸跨境电商产业高质量发展研究.....夏雪娟, 高倩 (109)
中学历史教学中劳动观念的培养.....王翠珍 (112)
公共数字文化发展背景下智慧图书馆建设策略研究.....刘冬 (115)
高校生活垃圾分类管理中的问题与对策.....陈盖 (118)
高职院校毕业生本地化就业的影响因素及对策分析——以日照市
驻地高职院校为研究范围.....姜威 (121)

主管单位：
河北省教育厅

主办单位：
唐山工业职业技术学院

编辑出版：
《工业技术与职业教育》编辑部
地 址：
唐山曹妃甸新城渤海大道25号

邮 编：063299
电 话：0315-8832203
传 真：0315-8832203
邮 箱：tsgzyxb@163.com

发行范围：
国内外公开发行

印 刷：
唐山冀东印务有限公司

声明

投寄本刊的稿件（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，烦请来稿说明，未声明者，本刊视为同意。

CONTENTS

| | |
|--|---|
| Extrusion Die for Steel Cup Sleeve Design and Forming Process A nalysis··· | GE De, GAO Hanhua, WANG Deng ying , QIN Chun (1) |
| Research on Life Cycle Optimization of Small Pump Station Based on BIM Technology····· | ZHOU Chun Xu, LIN Wei, ZHU Jiu Feng, ZHU Liang, WU Peng (6) |
| Application Research of Disaster Prevention And Early Warning System Based On Urban Underground Intelligent Sensing····· | ZHANG Xiaobin, ZHAO Weiping, CAO Weiwei, HUANG Junbo , LI Xinru (9) |
| Analysis of Prevention and Patrol Measures for Non–point Source Pollution of Black and Odorous Water — A Case Study of Dakang River in Shenzhen····· | BI Nanni (13) |
| Simulation Study on Mechanical Properties of ABAQUS External Fixator····· | YAN Jingang, PEN Fei, ZHANG Jili, YAO Haiming, HOU Wenhui (16) |
| A Study on the Vocational Education Industry–College Cooperation Strategy in A Perspective of Industrial Cluster — A Case Study of Guangdong–Hong Kong–Macao Greater Bay Area····· | ZHENG Bin (19) |
| Research on the Establishment Model of Internet Industry College in Higher Vocational Colleges ····· | YANG Xinwei, ZHEN Lichang, GONG Xiaoning (24) |
| Research on the New Mode of School–Enterprise Cooperative Talent Training of Computer Specialty in Higher Vocational Colleges Under the Background of “High Level College and Specialty Construction” ····· | LI Hongyan (31) |
| Construction and Practice of Talent Training Program of Higher Vocational Specialty Group Under the Background of “High Level and Specialty Construction Plan” — A Case Study of Optoelectronic Technology Application Specialty in a College····· | DONG Wei, ZHOU Jing (34) |
| Practice and Exploration of Talent Training Reform of “School–Government–Industry–Enterprise” Under the Collectivized Vocational Education Holding Mode — A Case Study of Guangdong Industry and Commerce Vocational Education Group····· | DU Yufan (39) |
| Research on training mode of Cross–Border Electronic Commerce in Higher Vocational Colleges ····· | LIU Caixia, WANG Chunjuan (44) |
| Construction Engineering Measurement and Pricing “Online + Offline” Teaching Process Reconstruction····· | WANG JiuJun (47) |
| Research on Mixed Reality Technology in Process Instrument Teaching····· | XU Chenchen, WU Ruicong (50) |
| Application of Blending Teaching Method in the Industrial Robot Field Programming Course····· | LIU Liangbin, LIU Deyu, BU Zhidong (54) |
| Influence of World Skills Competition on Education Reform of Higher Vocational Colleges in Hebei Province····· | WANG Xinlei, WANG RuiFei,XUAN YiNan (58) |
| Enlightenment from World Skills Competition to Chemical Experiment Teaching Reform in Colleges····· | LIAO Weiyong, WANG Dan, LIU QiuHong, ZHANG Lijuan (61) |
| An Investigation on the Current Situation of English Teaching Model in Higher Normal Vocational Colleges — A Case Study of Datong Higher Normal Vocational College····· | DU Fang (64) |
| Reconstructing the Curriculum System of Accounting Major in the Mode of “Intelligent Finance” ····· | WANG Xiaoyan, ZHANG Feng (68) |
| Countermeasures of Higher Vocational Campus Culture Promoting Employment and Entrepreneurship Based on the New Development Concept····· | PENG Heming, DAI Kun (72) |
| Difficulties and Solutions for Vocational College Professional Course Teachers in A Context of “Ideology and Politics Education Inset in Curricula” ····· | ZHANG Yi (75) |
| Construction Pathways of Network Ideological and Political Stud io in Higher Vocational Colleges in A Perspective of Network Education····· | CUI Chenqiu WANG Haowen (79) |
| Implementing Route for Integrating Political Education into Higher Vocational School Application Writing Course ····· | LIU Wei (82) |
| Research on the Guidance and Governance of Online Public Opinion in Universities····· | RAO Siliu, YE Haibo (85) |
| Research on the Improvement of Mental Health Education Curriculum in Higher Vocational Colleges in the New Era····· | ZHANG Yue, HU Zhenming (90) |
| Student–Centered Moral Education Theme Class Meeting Model in Higher Vocational Colleges····· | ZHANG Lei (94) |
| An Exploration of A Model of Modern Apprenticeship Education — A Case Study of Jiaxing Vocational and Technical College ····· | SHEN Jianming, LUO Bilu, WU Xianglian, HE Bin (97) |
| Study on the “1+1+1” Modern Apprenticeship Teaching Model of Jade Sculpture Course··· | CHU Xiu, YANG Yu, LIN Ruobo (102) |
| The Exploration and Practice of Constructing the Government–Led Tangshan Community Education Development Model····· | MAO Dongsheng, ZHANG Jingjing (105) |
| Research on High–Quality Development of CaoFeidian Cross–Border E–Commerce Industry····· | XIA Xuejuan, GAO Qian (109) |
| The Cultivation of Labor Concept in Middle School History Teaching····· | WANG Cuizhen (112) |
| The Strategy of Smart Library Construction in the Background of Public Digital Culture Development····· | LIU Dong (115) |
| Problems and Countermeasures for Domestic Waste Classification Management in Colleges and Universities····· | CHEN Gai (118) |
| Analysis on Influencing Factors and Countermeasures of Localiza tion Employment of Vocational College Graduates — Taking the Higher Vocational Colleges in Rizhao City as Research Objects····· | JIANG Wei (121) |