

ISSN 1671-9581
CN 43-1395/Z

长沙通信职业技术学院

学报

JOURNAL OF CHANGSHA TELECOMMUNICATIONS
AND TECHNOLOGY VOCATIONAL COLLEGE

2012

VOL.11 NO.3

ISSN 1671-9581



长沙通信职业技术学院学报

CHANGSHA TONGXIN ZHIYE JISHU XUEYUAN XUEBAO

2012年9月 第11卷 第3期

《长沙通信职业技术学院学报》 编辑委员会

顾问:陈 收 (湖南大学副校长、教授、
博士生导师)
颜爱民 (中南大学工商管理学院
教授、博士生导师)
肖传统 (长沙通信职业技术学院
高级督导)

主任委员:翁兴旺
副主任委员:王 敏 李岱松 罗崇光 蒋青泉

委员:(以姓氏笔画为序)
叶 伟 宋燕辉
张治元 周训斌
林再兰 胡庆旦
胡 鹏 陶永进

主 编:翁兴旺
副 主 编:林再兰

编 辑:盛于兰

目 次

通信工程

通信线路工程施工组织设计编制常见问题分析 ... 李立高,左利钦(1)
通信运营商智能管道与流量经营策略浅析 欧阳瑾(5)
CDMA 系统干扰 GSM 系统的检测和防范研究 陈开仁(10)
关于具有空气隙的矩形微带天线的谐振频率探讨 ... 聂妍,王艳丽(16)
大型居民小区覆盖策略研究 周俊杰(20)
虚假主叫预防和治理方案探讨 陶娟(23)
二次变频接收的无线语音传输系统设计 欧阳明星(28)
基于频移最小化的天线选择算法 段俊毅(34)

计算机信息工程

基于量子密码与保密通信研究 张新(39)
ASP.NET 安全模型探究 汪谢萌,张硕(42)
移动互联网应用开发中极限编程和设计模式的实践 王玲(46)
基于单片机 AT89C52 的频率计的设计 孟召议(51)
基于 FPGA 的中频数字接收器设计 张睿(55)

企业管理

移动互联网时代,电信运营商开放性平台体系评估标准探讨
..... 赵文兵(58)
体验式营销在中国电信营业厅工作中试行的探讨 倪科卿(61)
太阳能光伏工程项目进度优化研究 唐振华,朱建伟,胡振江(64)

高职探讨

高职院校计算机软件专业毕业设计存在的问题及对策探讨
..... 薛景,朱福珍(68)
以能力培养为导向的数字电子技术项目教学改革 陈和娟(71)
“通信数学”课程改革的几点设想 王烂曼(75)
基于工作过程的引导文教学法探讨 李晓静(79)
通信专业培养体系创新探索 吴延军(82)

学术交流

大学新生英语自主学习能力现状调查分析 张晓瑜(85)
PRETCO 考试中阅读测试的效度研究 张晓萍(89)
翻译与阐释研讨 周晓娟(93)
英美原声电影赏析在高职英语教学中的应用 郑文君(98)

教学研究

高职电子技能实训引入 SMT 的教学实践研究 ... 陈志红,刘素芳(102)
高职高专院校 AutoCAD 课程三维绘图解题探讨 洪金明(106)
专业建设中调查表的设计与数据统计 杜朝晖(111)
Packet Tracer 在“交换机/路由器配置”课程中的应用 周磊(116)
高职高专“Flash 动画设计”课程实例设计 徐艳(121)
完善学校“精细化”管理对策研究 邓玉明,李国华(125)

[期刊基本参数] CN43-1395/Z*2002*q*A4*128*zh*P*¥8.00*1000*31*2012-09

Journal of Changsha Telecommunications and Technology Vocational College

Volume 11 Number 3 Sept.2012

Contents

Communication Engineering

Common problem analysis on construction organization design and compilation of communication line engineering LI Li-gao, ZUO Li-qin (1)

Briefly on smart pipe and traffic operation strategies of telecom operators ... OUYANG Jin (5)

Research on detection and prevention of interference of CDMA system to GSM system CHEN Kai-ren (10)

Discussion on resonant frequency of rectangular microstrip antennas with air gaps NIE Yan, WANG Yan-li (16)

Research on the coverage strategy of large residential area ZHOU Jun-jie (20)

Exploration on false dialing prevention and management scheme TAO Juan (23)

Design of dual conversion receiving wireless voice transmission system OUYANG Ming-xing (28)

Antenna selection algorithm based on frequency drift minimization DUAN Jun-yi (34)

Computer Information Engineering

Secure communication research based on quantum cryptography ZHANG Xin (39)

Research on ASP.NET security model WANG Shu-meng, ZHANG Shuo (42)

Practice of extreme programming and design patterns on application development in mobile Internet WANG Ling (46)

Design of frequency meter based on AT89C52 single-chip computer MENG Zhao-yi (51)

Design of intermediate frequency digital receiver based on FPGA ZHANG Rui (55)

Enterprise Management

Discussion on evaluation criteria of telecommunication operators' open platform system in mobile internet era ZHAO Wen-bing (58)

Exploration of experience marketing in China telecom business hall NI Ke-qing (61)

Research on optimization of solar photovoltaic engineering project schedule TANG Zhen-hua, ZHU Jian-wei, HU Zhen-jiang (64)

Higher Vocational Education

Exploration on the existing problems and countermeasures of graduation design of computer software specialties in higher vocational colleges XUE Jing, ZHU Fu-zhen (68)

Ability-cultivation-oriented teaching reform in the course of Digital Electronic Technology CHEN He-juan (71)

some assumptions of curriculum construction reform of the course "Communication Mathematics" WANG Lan-man (75)

On inductive teaching method based on work process LI Xiao-jing (79)

Exploration on training system innovation in communication specialties ... WU Yan-jun (82)

Academic Exchange

Investigation of freshman's English autonomous learning ability ZHANG Xiao-yu (85)

On the validity of reading materials in PRETCO tests ZHANG Xiao-ping (89)

Translation and interpretation ZHOU Xiao-xian (93)

Application of original English movie appreciation in vocational college English teaching ZHENG Wen-jun (98)

Teaching Research

Teaching practice research on the introduction of SMT in electronic skill training in higher vocational colleges CHEN Zhi-hong, LIU Su-fang (102)

Discussion on three-dimensional plotting methods in the course AutoCAD in higher vocational colleges HONG Jin-ming (106)

Questionnaire design and data statistics in specialty construction DU Zhao-hui (111)

Application of Packet Tracer in "Switch/Router Configuration" teaching ZHOU Lei (116)

Course design of "Flash Animation Design" in higher vocational colleges XU Yan (121)

Research on measures of perfecting "fine" management of the school DENG Yu-ming, LI Guo-hua (125)

Editorial Committee

Consultant: CHEN Shou

YAN Ai-min

XIAO Chuan-tong

Chairman: WENG Xing-wang

Vice Chairman: WANG Min

LI Dai-song

LUO Chong-guang

JIANG Qing-quan

Members: YE Wei

SONG Yan-hui

ZHANG Zhi-yuan

ZHOU Xun-bin

LIN Zai-lan

HU Qing-dan

HU Peng

TAO Yong-jin

Chief Editor: WENG Xing-wang

Deputy Editor: LIN Zai-lan

Editor: SHENG Yu-lan