Table of Contents

Information Technology based Convergent Research

A Study on Personas techniques used about smartphones of the New Silver Generation .......................... 1
Won-Whoi Huh

The Report System Integration Model of Cyber Crime ............................................................................. 11
SeonHo Hwang, JiNa Lee, TaeEun Kim, Hui-Hoon Cho, Kyeong-Seok Han, Jong-Bae Kim

The effects of information quality of mobile on consumer behaviour intension; For Airline ................. 19
DongYeol Jung, Saebum Kim

Cases Analysis in Smart, Connected Toys Based on the Characteristics of ICBM Technologies .......... 27
Bienil Jeon, Jae Wan Park

Potential for Emulating Developmental States Model Using SNS in Africa ......................................... 37
Jung Min Lee, Da Young Ju

Recent Technical Trends and Issues of Physically-based Rendering ..................................................... 49
Seongah Chin

A Study on China's SNS Opinion Leader through Social Data ................................................................. 59
Zheng Xuan, Lee, Jooyoup

Electronics based Convergent Research

Experimental Study on Response characteristics of the Plants with the operation of Microwave Oven
and Computer Monitor ............................................................................................................................. 71
Da-Hyun Nam, Sang-Mi Park, Jeongbæe Kim

Implementation of a drone using the PID control of an 8-bit microcontroller ........................................ 81
Donghee Lee, Sangook Moon

Conveniently available Design Method of Boost Converter ............................................................... 91
Hae-Chan Park, IL-Song Kim
Machine based Convergent Research

A Study on Developing Performance Evaluation System Using Delphi Technique and Analytic Hierarchy Process ................................................................. 99

Jungyun Kwon, Soomin Han, Sangyun Choe, Hanil Jeong

Safety and Security based Convergent Research

“Star Wars” Revisited: An Analysis of Ronald Reagan’s Rhetoric On The Strategic Defense Initiative ................................................................. 111

Ji Hoon Lee

Business based Convergent Research

A Study of Music Copyrights Collection Model ............................................................. 125

Kyung-Sik Bang, Yong-hee Lee, Jin-Seob Jung, Sangphil Kim, Kyeong-Seok Han, Jong-Bae Kim

Differences in perception research of employment and start-ups rely on the will of university students ................................................................. 133

Lee, Sang-Ho, Go, Hyun-Sun

Study on the Actual State of Korean Enterprises Making Inroads into India -Their Difficulties on focus - ................................................................. 143

Noh, Shim-Deok

Bilateral Comparisons of Efficiency between two Organizations using DEA ....................... 159

Seonmin Kim

Employer's perception and difficulties and coping related to Foreign Worker's employment -Based on Seocheon-gun Case- ................................................................. 171

Lim, Choon Hee

Culture Content based Convergent Research

A Study on discussed cultural administration through international comparison for the Creative Innovation Power and Science Technology Power ........................................... 191

Mi-Jung Kwak, Changhun Choi

The Process of Multicultural Perception Change in University students who Participated in
Multicultural Mentoring .......................................................... 201

Sekyung Oh, Missoon Kim

A study on the difference between creative industry and Korea creative economy ............... 211

Kang, Won

Regional Cultural Resources & Content development Process ........................................... 221

Se-hee Park, Seung-gwon Lee

---

Architecture and Civil Engineering based Convergent Research

3D Reality Model Creation and Positioning Accuracy Analysis Using Images Obtained with a
Low-cost Rotary Wing Drone ................................................................. 235

Dae Yong Um, Yong Hyun Song

---

Welfare based Convergent Research

Occupational mobility in Culture-Arts-Design-Broadcasting Jobs ...................................... 247

Daechang Lee

The evaluation of the customer on the nail salon services satisfaction effect of Compensation .... 255

Youn Kim, Kee-jung Barng

Personal Characteristics and Information Privacy Concerns ............................................. 267

Hwansoo Lee

---

Education based Convergent Research

A Study on the Relationships between Self-efficacy and Helplessness behavior in learning situation
according to peer relationships of female university students .............................................. 277

Seoung-Uk Wie

An Analysis of Error Sources and Reliability Estimation in Creativity Assessment of Young Children
Using Generalizability Theory ......................................................................................... 287

Younchul Choi, Kyung Chul Kim

A Study on Policy for Improving the Effectiveness of Employment Training for Foreign Workers
................................................................................................................................. 297

Young-Min Lee, Go Eun Choi
The Effects of Types of Board Games on Young Children's Perspective Taking Ability and Self-Control Ability ................................................................. 305
Ji-Young Park, Yong-Sook Kim

English Learning Analytics and its Application ............................................. 321
Jeong-ryeol Kim, Je-Young Lee

A study on the Effective Methods of Career Guidance as Career Subject Class in College .......... 331
Young-Ran, Yoon

A Study on the Influence on the Family Resilience, Creativity and Self-Determination on Career Maturity of College Students who Participated in the Training Courses from Lifelong Educators .......... 341
Myeung-sin Park, Sang-hoon Han

Performance Evaluation of Vocational Education and Training Program for Working and Learning Dual System ........................................................................... 353
Hea-Jung Chang, Jinsoo Kim

The Effects of Etiquette Education for Children's Fairy Tale Reading on Improvement of Personality Thinking ................................................................. 365
Joeng Kyoum Kim, Young-Sik Kang

Study on the After School Program in Elementary School: Based on the ASPs in the Developed Countries ........................................................................... 375
Dae-Sok Kim, Jeong-Min Seong

The Awareness Study for Information Picture Book of Preliminary Children Teacher ............... 385
Se-Kyoung Oh, Mi-Na Lee

The study of kindergarten teachers' perception and current status on analysis instrument ............. 395
Kuyng-chul Kim, Jeong-hee Kim, Ah-ruem Oh

Highschool and College students' Perceptions toward terms of address .................................. 407
Joohwan Go, Kyungrae Roh, Ji-Eun Kim

Effect of a Diabetic-hypoglycemia based Simulation Education Program on Clinical Performance and Learning Satisfaction in Nursing Students ................................................................ 417
Jeong-Eun Moon, Min-Jeong Chae

Study on the effects of consumer education ............................................................................. 429
Injoo Seo

A Comparative Study between Individual Creativity and Group Creativity in Children's Language Expression ........................................................................... 439
Kyoung-hoon Lew
A Critical Reflection on Idea and Methodology of Structuralism Education Research ........................................ 449

Piao Chengri, Park Jung Hwan
Factors Influencing Self-Directed Learning Ability in Beginning Nursing Students ........................................... 459

Yeongah Kim, Yeonha Kim
Inventive Problem Solving using IFR ................................................................................................................. 473

Eun-Gyung Kim
A Survey on Data Mining in the field of Education ............................................................................................ 483

Mehta Smruti Hemantkumar, Hyejin Kim

Healthcare based Convergent Research

Impact of Hospital Admission Times on Acute Ischemic Stroke Patients Protector Stroke-related knowledge Scores ......................................................................................................................... 495

Sung-Soo Choi
A Study on Recognition and Management of Obesity of Adult Women ............................................................. 505

Mi-Ra Jeong, Eun-Young Choi, Byung-Soo Chang
Factors Related to the Health Management in Patients with Pulmonary Tuberculosis in Korea .................. 519

Seong-Ran Lee
The effect of job satisfaction and burnout on turnover intention of care worker ............................................. 527

Yun-Jeong Kim, Young-Jae Kim, Shuhu Chen
The Prejudice towards the Mental Illness according to Clinical Practice Experience of Community Mental Health among Nursing Students .................................................................................................. 537

Young-Sun Kim, Kyoung-Duck Park
Effects of Hand Massage on Fatigue, Stress and Depression in Patients Undergoing Hemodialysis ............ 547

Sun-Ok Lee
The Effects of Physical Surrounds and Human Services on Customer Behavior in Dental Care Organizations .................................................................................................................. 559

Eun-Mi Noh, Hye-Jin Ko, Su-Youn Ko
The Review on Research Direction of Student or Child with Health Impairment ......................................... 569

Jong-Gu Kang, Young Pyo Kim
The Use of Hypnotherapeutic Techniques for Solution of Psychological and Physical Difficulties of
People with Disabilities: A Literature Review .......................................................... 577
  Young Pyo Kim, Jong-Gu Kang
Research Trends Related Forest -Therapy Focusing on the Academic Journal ............... 585
  Mi-Na Lee, Oh-Hyun Oh
Analysis on Speech Therapists’ Recognitions and Demands on Children with Hearing Impairment 595
  Soon-Gil Park, Sung-Yong Ryu
Immunostimulating effects of polysaccharides extracted from Schisandra chinensis fruits .......... 605
  Suk-Yul Jung
Health Promotion Behavior and Sexual Attitude in College Students .................................. 613
  Young Hae Kim, Kyung Soon Ryu, Hyun Mi Son, Young Ju Jee
Level of Dental Hygienist Awareness and Image Preference .............................................. 623
  Chang-Tae Kim, Hyun-Seo Yoon
Measurement of quantitative autistic traits while teaching ASD children using multimedia tool … 635
  Richa Mishra, Divya Bhatnagar, Hyejin Kim