Table of Contents

Architecture and Civil Engineering based Convergent Research
An Analysis of Urban Environment Characteristics Influencing on Satisfaction of Residential Environment ................................................................. 1
Hoon Park

Business based Convergent Research
Analysis of Cruise Tourism in Korea: Focus on Current Conditions and Characteristics of Busan Port ................................................................. 17
Jeong Myung Kim, Kyung Mi Bae
A Study on Competitiveness Enhancement Strategy of Regional Port in Korea-China Trade Activation ................................................................. 25
Woong Eun, Yong-Seok Seo
The Experiences and Satisfaction of Researchers supported by the Interdisciplinary Research Projects ........................................................................ 33
Eun-jeong Kim, Seung-yon Lee
Analytic Hierarchy Process Analysis among Internal Factors for Traditional Off-line Market Revitalization ........................................................................ 51
Young-Ho Shin, Sun-Geun Kim
A Study of Values of Cloth Purchasing and the Acceptance Level of Advertising Information According to Media Types ......................................... 59
Hyogyoo Kim
A Study on Determinants and Performances of M&A in Domestic IT Company ................................................................. 67
Myung-Sub Son, Byung-Hwan Hyun
Analysis of Success factors of Technology Transfer and Commercialization through Systematic Literature Review ................................................................. 79
Buil Chung, Byeong-Hwan Hyun

Analysis of the Global Steel Industry Production Function ........................................ 91
Seok-Young Lee

Jae Kwon Bae

Tax Support System for Small Amount of Political Fund Contribution .............................. 113
Jae-Kwon Yoo

Effects of Directionality and Type of Online e-WOM on Purchase Intention and Moderating Role of Regulatory Focus ................................................................. 121
JZao Yan, Saebum Kim

A study of the interrelationship between social capital and human resource development: the focus on the innovation’s perspective ......................................................... 133
Jae Eon Yu

A Study on the Online-Offline (O2O) Development Methodology ........................................ 141
Dong-Jin Choi

Education based Convergent Research

A Qualitative Case Study on the Parenting Experiences of Fathers Raising Adolescents Under Probation ......................................................................................... 151
Shinae Park

The Effect of Nursing Simulation Learning on Gynecologic Cancer Patients with Use of Standard Patient ...................................................................................... 159
Hye-Jin Kim, Kyung Mi Kim

Perception of the Pre-service Teacher on the value and easiness in Music Education Course .... 171
Jihyun H. Park

A Study on Preservice Early Childhood Teacher’s Recognition of Somatization Symptoms ................................. 181
JiAe, Hwang, SungJae, Kim
The impact of Self Growth Program on adolescent’s self-efficacy, interpersonal relationship, and self-esteem ........................................................................................................... 191
Hee-Sook Park, Jae-Yeon Park

Latent Mean Analysis of Job Preference between Elementary School 5th Grade Students and Parents 201
Eunjeong Lee, Changsun Lee, Hyunseok Kwak

Recognition of play in the play metaphor of infant and toddler’s Teacher ........................................ 211
Young-Ju Kim, Jung Un Back

The Effects of Environmental Factors on the Multicultural acceptance of Adolescents in Korean Schools ....................................................................................................................... 221
Anna You, Soongyu Kim, Chojae Lee

Analysis of Domestic Research Trends in the School-wide Positive Behavior Support in Korea .......... 229
Kim Young-pyo

Proposal related to Measuring and Training Instrument about the Elderly Driver’s Driving Possibility Using the Verbal Working Memory Ability .............................................................. 237
Jung-Won Lee, Yong-Suk Lim

Sports Club Participation, College Life Satisfaction and Sports Club Enjoyment ................................ 245
Ho Yoo

A Study on the Relationship of Perceived Health State, Stress and it’s Coping Method between International and Regular High School Students .............................................................. 253
Jennifer Kang, Na young Choi

Basic English Tutoring Program Operation and its Improvements for College-level Students .......... 261
Kyung-Ah Yu

Research Trend and Support Direction on Education of Adults with Learning Disabilities ............ 271
Jong-Gu Kang

Phenomenological Study on Time Experience of the Elder While Playing Hwatu in Senior Citizen Center ......................................................................................................................... 279
KyungMi Im

The Mediating Effect of Self-esteem in the Relationship between Parenting Attitude and Career Awareness .................................................................................................................. 289
Changsun Lee, Eunjung Lee, Hyunseok Kwak

A Study on Teaching Music Class Applying A Flipped Classroom Theory ....................................... 299
Changsun Lee, Eunjung Lee, Hyunseok Kwak
Directive and Nondirective Tutoring in Writing Centers and Korean Writing Center Training .................. 311
   Damsil Kim
The Perception on Intergenerational Education of Adult Learners in Distance Education .................. 321
   In Kang
Integration of Competence-based Education with Understanding Curriculum through Backward Design
   .................................................................................................................................................. 329
   Hyeon-Suk Kang, Ji-Eun Yi
A Case Analysis of Naver band used in one class kindergarten ......................................................... 341
   Kyung-chul Kim, Hye-jung Park
A study on the Evidence-based Practices for Lifelong Education(Vocation) of Persons with Disabilities
   .................................................................................................................................................. 351
   Young-Jun Kim, Joo-Young Kim
Qualitative Research about Teaching Experiences of Pre-service early childhood teachers : An analysis of
   Reflective Journal ....................................................................................................................... 361
   Kim Hye Yoon, Kang Yu Jin
A Study on Class Observation for Class Diagnosis and Improvement .................................................. 371
   Kim, Sang-soo
A Narrative Inquiry on Adaptation Experience in Commissioned Alternative Educational Institute of
   Students in Dropout Crisis ........................................................................................................ 381
   Kwangsoo Kim, Haejeong Park
The Effect of Lifelong Learning Variables on the Quality of Life of Middle-aged Women .............. 391
   Eun-Mi An, Jeong-Moo Hurh
structional Intervention Design Strategies for Flipped Learning in Higher Education .................. 401
   In-sook Lee

Machine based Convergent Research
A Study on the Use of Additional Sound to Compensate the Defects of the Dehumidifier .............. 409
   Ik-Soo Ahn, Won-Hee Lee, Myung-Jin Bae
**Culture Content based Convergent Research**

A Comparative Analysis of Political Issues of Candlelight Rally and Taegukgi Rally Based on Online News ................................................................. 417

Kim ChanWoo, Jung, Byungkee

Storytelling of Local Communities’ Culture Contents : Focusing on the Concept of Semiosis by Peirce ................................................................. 429

Jihye Lim

The Relation of Dynamics between the Reason and the Sexual Desire for Happiness: Based on John Steinbeck’s Short Stories ................................................................. 439

Lee, Samtae

**Healthcare based Convergent Research**

Structural Analysis of the Perception about ‘Doctor who is Good at Medical Communication’ Between Medical faculty and Medical Students ......................................................... 447

Hyo Hyun Yoo, Kwi Hwa Park

Mediation Effect of Self Leadership between Awareness and Performance on the Standard Precaution of Nursing Student and Clinical Nurse ......................................................... 457

Ki-Noh Kang, Jung-Ho Kim, Jeong-Won Han

The Mediating Effects of Adolescents’ Subjective Body Perception on the relation among Physical Characteristics, Physical Activity, and Mental Health: Gender Multiple Group Analysis ................................................................. 471

Oh, Jee-Eun

Effects of the organizational culture on the nurse’s job satisfaction and the mediating effects of the positive psychological capital ................................................................. 483

Mi-ran Lim, yeong-sook park

Art Therapy Experiences and Needs of Multicultural Families ................................................................. 495

Eun Mee Choi

The Comparison of K-WPPSI profile Between Language Disorder Children and Normal Children ...... 507

We Ji-hee, Oh Eun-Young

A study of Methods Integrated Expressive Arts Therapy (With a Focus on Bottom-up and Top-down Oriented Approaches) ................................................................. 519

Youngmi Cho¹, Yonsuk Chae
Residential Distribution of Immigrants in Seoul Metropolitan Area .............................................. 527
Hyejin Kim, Jawon Lee

Haltosis of dental hygiene department students according to oral health status ......................... 539
Ye-Hwng Kim, Jung-Hwa Lee

The effect of admission decision on length of stay in emergency department ............................ 547
Sung Kgun Lee, Youngjoon Kang, Sung Wook Song, Jeong Ho Kang

Influencing Factors of Organizational Socialization of nurses : Resilience and Mentoring .......... 559
Shin-Hwa Song, Ju-Young Ha

An Empirical Study on the Determinants(Physical Aspects, Behavioral Aspects, Mental Aspects) about Symptoms of Game Excessive Immersion ......................................................... 569
Hyeon-Gyu Kim, Ha-Kyun Kim

Nursing needs analysis of patients with lung cancer based on counseling contents ..................... 581
Eun ja Kim

A Phenomenological Research upon Experiences of Newly- appointed Fire Fighters(paramedics) .... 591
Gi-Ung Lee, Yangsook Kil

Sexual Function and Quality of Life in Urinary Incontinence and Non-urinary Incontinence Groups of Married Women .......................................................... 605
Seon Hwa Kim, Hye Young Kim

A Study on the Phenomenological approach of Simsang(Imaginary-Oriented)-Poetry therapy Program For Women Victims Suffered from Sexual and Domestic Violence ......................................................... 617
Bak Jeonghye, Choi Kyoungho

A study on the influence of stress, Depression, and suicide ideation by adults person with disability .......................................................... 627
Hyun-Suk Park

The Effect of Family Support on Health-Related Quality of Life in Pregnant Women : the Moderating Effect of Depression ................................................................. 637
Sung Hee Lee, Jung A Kim, Min Kyong Kim

Analysis of life patterns related to hypertension in taxi drivers .................................................. 649
Heakyung Moon, Junghwa Lee

Effect of Stroke Prevention Program for the Community Dwelling Elderly .............................. 657
Jeong-Ran Lee, Shin-Hee Kim, Jun-Hee Ahn
According to the age of the children experienced assistant to cater for children with disabilities attitude and self-esteem, social responsibility, and school life satisfaction research ……… 669
Ji-Yoon Park, Jeung-Ryeul Cho, Soon-Gil Park

The Effect of Mother's Parenting Attitude on Middle School Students' Self-Control Ability and Anger Expression Method …………………………………………………………………………… 679
Chang-Sup Um, Su-jeong Han

The Effects of Interpersonal Relationship, Self-Esteem, Anxiety on Middle-aged Women’s Mental Health ………………………………………………………………………………… 691
Jong-un Lee, Sun-Ae Lee

The motivation inducement according to behavior change after operating the oral care program …… 701
Yong Im, Soo-Myoung Bae, Hye-Jin Kim

The Mediating Effect of Self-efficacy on the Relationship between Big 5 Personality and Happiness in Undergraduate Students ………………………………………………………………………………… 709
JongHee Park, JaeChang Lee

A Interdisciplinary Study on the Credibility and Favorability of Speech Change of the Presidential Candidates ………………………………………………………………………………… 719
HyungWoo Park, SangWoo Hahm

A Study on the Awareness of Disabled Persons: Students in Welfare Department and Rehabilitation Department College Students ……………………………………………………………………………………….. 727
Seok-Jin Seo, Hyo-Jin Shin, Yang-Mi, Kim Kong, Tae-Woong Shin

The Effect and Continuity of AHA Basic Life Support(BLS) Education on Cardiopulmonary Resuscitation Knowledge, Attitude, Self-efficacy, and Performance of Nursing Students …………………………… 737
Me-Ok Yoon

Raising the Scientific Independence of the Victimology through a Fiction …………………………… 749
Park Hyun-Jeong, Lee Geongeun

Phenomenological Analysis on the Experience of volunteer activities in Pre-medical school Students ……………………………………………………………………………………………………… 757
Sojung Yune, Kwi Hwa Park, Seung-Hee Kang

A Study on the Analysis of Brain Wave Characteristics by Sound Stress …………………………… 769
Sang-Bum Park, Myung-Sook Kim, Myung-Jin Bae

Welfare based Convergent Research
Activation plan of Lifelong Education for the Elderly in Chungcheongnam-do Province .......................... 779

Yun-Jeong Kim, Hyun-Jung Kang

An Analysis on Administrative System for Science and Technology in Successive Governments -
Focusing on Authoritarian Period ................................................................. 791

Yun-Jeong Kim, Hyun-Jung Kang

Safety and Security Based Convergent Research

The Current System and Policy of the Military Counseling: The Consideration of Problems and
Development Plans ................................................................. 803

Min-Jong Kim, Myung-Ja Keum

Information Technology Based Convergent Research

A Reliability Performance Analysis of Software Reliability Model Dependent on Weibull Expansion
Distribution .................................................................................. 813

JeongBeom Kim, Heechul Kim, Jeonoh Jeon, Donghyun Lee,
Jeseop Byon, Junho Jo, Kyunghwa Yoo, Jinhwan Lee

A Deterrent method for Cheating in CBT(Computer-Based Testing) Applications .......................... 825

jeong-mi lee, Beesung Kam

A PRAM-based Duplex Index Management for Highly Compressed Storages ............................. 837

Siwoo Byun

The Computation of Abacus as a Prototype of computer Complementay calculations .......................... 847

Keun-Moo Rhee

Basic Experimental Study to decide the Marker Positions for Proper Body Temperature Measurement of
Dairy Cattle using IR Camera ........................................................................ 857

Jeongbae Kim

A Basic Study on Utilization of Building Information for n Internet of Things (IoT) Simulation System
Development .................................................................................. 867

Jeong-Hyun Yu, Yun-Gil Lee

Analysis and Suggestion of Smartphone Authentication Scheme using Biometrics .......................... 875

Dongmin Choi
Application of Graphene Nanoribbon Trench for C60 Fullerene Shuttle Device: Molecular Dynamics Simulations

Oh-Kuem Kwon, Jeong Won Kang

The Website Design for Improving Youths’ Creativity: Focusing on the Case of ’Youth Town’ in Creative Economy Town

Do-Bum Chung, Hye-Jeong Jang, Hwanjoo Lee

The Capacity of two inputs CoreNet using the Characteristic Function and its Simulation

Jong Joon Park

Real-time communication and platform Implementation of sensor module using IoT

Ki-Woong Kang, Chang-Soo Jang