Contents

Creative Plan and Decision Choice of Semantic Differential Approach for Chair Design Aesthetic ........................................... 1
Musdi Shanat

The Conceptual Framework of Hydroxyapatite Fiber Structure by Slip-Casting Techniques .................................................... 13
Norhidayah Md. Zainuddin, Shahriman Zainal Abidin, Oskar Hasdinor Hassan and Rusmadiah Anwar

Ceramic Art: An Introduction to MYP Curriculum Design for International Baccalaureate Visual Art .......................... 21
Eilidh Isphahani Mohd Isphahani and Rusmadiah Anwar

Recognisability of Pictographs on Electrical Consumer Products ........ 31
Mohd Saipuddin Mohd Hasbullah and Shahriman Zainal Abidin

A Practical Design of Kiln Building: Small-Scale Portable Kiln ........ 41
Nur Jannah Jamil, Zainal Zakaria, Abdul Rahim Jalil and Rusmadiah Anwar

Luminescent Properties of SrAl2O4 Activated Eu2+, Dy3+ for Transparent Glaze Ceramics ...................................................... 51
Nor Nazida Awang, Rusmadiah Anwar, Ahmad Fauzi Mohd Noor, Azizan Aziz and Shah Rizal Kasim

Theoretical Framework of Replaceable Ventilation Blocks Using Modified Stoneware Body ............................................. 61
Mohd Fadhi Yakub, Oskar Hasdinor Hassan, Syaza Abdul Rahim and Rusmadiah Anwar

Traditional Songket and Contemporary Designs Towards Commercial Products ............................................................. 71
Norwani Md. Nawawi and Rafeah Legino
Ceramic Extruder Technique Incorporated with QR Code
Bar: A Proposed Ventilation Design ................................. 81
Mohd Fadhi Yakub, Oskar Hasdinor Hassan and Rusmadiah Anwar

Relative Theory of Tactile Iconography Array Configuration
for a Blind Group .......................................................... 91
Verly Veto Vermol, Rusmadiah Anwar, Oskar Hasdinor Hassan
and Shahriman Zainal Abidin

Variations of Malaysian Batik Sarong Design Motifs .............. 101
Rafeah Legino, Norizan Sajar, Nazirah Mohd Ba’ai
and Muhamad Fairus Kamaruzaman

Innovation Method of Smoke Firing for Labu Sayong Blackening
Technique: Kiln Design .................................................. 107
Adibah Ali, Abdul Rahim Jalil, Oskar Hasdinor Hassan
and Rusmadiah Anwar

Genetic Algorithm as a Generative Tool to Search for Malaysia
Product Design DNA ....................................................... 119
Wan Zaiyana Mohd Yusof, Izzuddinazwan Misri
and Mohamad Fauzi Yahaya

Impact of Agricultural and Industrial-Based Waste in a Stoneware
Body: Comparative Study .............................................. 131
Soudeh Salehi, Oskar Hasdinor Hassan and Rusmadiah Anwar

Strength of Modified Stoneware Body for Extrusion of Ceramic
Vent Design ................................................................. 145
Mohd Fadhi Yakub, Oskar Hasdinor Hassan, Verly Veto Vermol
and Rusmadiah Anwar

Applied Research of Semangat Lita’rafu Entrepreneurship Model:
An Empirical Case Study of Rural Residents in Malaysia .......... 155
Amalina Azlan, Amer Shakir Zainol, Verly Veto Vermol
and Rusmadiah Anwar

Ablution Tap Design: A Solution for Water Consumption ........ 165
Nor Haliza Johari, Rusmadiah Anwar and Muhamad Fairus Kamaruzaman

Application of Low-Temperature Transparent Glaze in Sustaining
Luminous Grains for Ceramic Artwork Surface Treatment ........ 173
Siti Noor Azila Noordin, Oskar Hasdinor Hassan and Rusmadiah Anwar

Design Study of Walet Scaffolding Nest ............................. 179
Syaza Abdul Rahim, Abdul Rahim Jalil, Oskar Hasdinor Oskar
and Rusmadiah Anwar

Innovation in Form Generation: Anthropomorphism for Contextual
Collaboration in Car Styling ............................................. 189
Wan Zaiyana Mohd Yusof, Muhammad Hasri and Baharuddin Ujang
Moderating Effects of Stylized and Realistic Stimuli on the Relationship Between the Uncanny Valley Theory and Digital Characters’ Features ................................. 205
Louis Laja Uggah and Azaini bin Abdul Manaf

Study of Photographic Images of the Perak State Tourism Campaign Billboards ...................................... 215
Khairul Anuar Ibrahim and Mohammad Firdaus Azman

How Anthropomorphic Traits Facilitate Interaction and Build Relationships: Case Study of Four Malaysian Brands ................................. 223
Azahar Harun, Mohamed Razeef Abd Razak, Norsharina Samsuri, Ariff Ali, Anith Liyana Amin Nudin and Fatrisha Mohamed Yussof

Approach Using Photographs as Part of the Therapeutic Process for the Mentally Ill: Case Study on Mental Illness Patients, Malaysia ... 235
Ellyana Mohd Muslim Tan, Clement Anak Jimel, Noraziah Mohd Razali and Safrina Muhammad Azmi

Managing Stress Among Adolescents by Using Digital Visual Schedule ................................................................. 241
Nur Iman Jalaluddin, Nurul Syafiah Mohd Bakeri, Khaizunnia Md Nasir, Nurdalilah Mohd Rani and Muhamad Fairus Kamaruzaman

Halal’s Logo Design Application on Grocery Products in Malaysia ... 251
Nadia Binti Nordin, Rafeah Legino, Rohana Zur and Sharifah Alwiah Syed Sahil

The Malay Cultural Symbol in Malaysian Modern Sculpture ........ 261
Liza Marziana Mohammad Noh, Hamdzun Haron, Abdul Latiff Samian and Ahmad Rashidi Hasan

Art Appreciation: An Introduction to Artistic Creativity Contemporary Artists of Sabah ................................. 273
Chrisna Pindah, Mohd Zaki Fadil and Mohd Faizol Haini

Characteristics of Multifunction Malaysian Art Galleries ........... 279
Noor A’yunni Muhamad, Ishak Ramli, Salwa Ayob and Noor Enfendi Desa

Investigation of Meaningful Ornaments on Terengganu Boats ....... 291
Nur Irda Suriani Zainal Abiddin and Norwani Md. Nawawi

Malaysian Product Design Identity: Issues, Transformation, and Challenges ......................................................... 305
Shahrirman Zainal Abidin, Azlan Othman, Zafruddin Shamsuddin, Zaidi Samsudin, Halim Hassan and Wan Asri Wan Mohamed

Rhetorical Comparison of the Promotional Strategies Used in Performing Arts and Visual Arts Research Articles ............... 319
Ina Suryani, Salleh Abd Rashid, Kamaruddin Hussin, Aizan Yaacob and Noor Hashima
Investigation of Materials on Artificial Reefs by Using Sabak Bernam Local Clay .......................... 329
Abu Nain Umar, Zainal Zakaria, Oskar Hasdinor Hassan and Rusmadiah Anwar

Visual Thinking Courseware: Enhancing Critical Thinking Skills Through Art Criticism ......................... 339
Harrinni Md Noor and Zarina Samsudin

A Preliminary Study of Robotic Education in Malaysia ............ 351
Ahmad Faizal Abdul Wahab, Mustaffa Halabi Azahari and Rosita Mohd Tajuddin

The New Developments and Education of Traditional Music: Jiang-Nan-Si-Zhu in Taiwan ...................... 359
Nai Hsien Wu and Mimi Hung-Pai Chen

Designing Mobile Augmented Reality (MAR) for Learning Chemical Bonds .............................................. 367
Nor Farhah Saidin, Noor Dayana Abd Halim and Noraffandy Yahaya

Review of Learning Activities in Facebook to Inculcate Meaningful Learning ........................................... 379
Nurul Nadwa Zulkifli and Noor Dayana Abdul Halim

Needs Analysis in Developing Culturally Responsive Arts Education Pedagogy Module ........................... 389
Siti Zuraida Maaruf, Saedah Siraj and Voviana Zulkiifli

Hybrid Elements in Installation Visual Artwork ...................... 401
Mahirah Zakaria, Juliana Manan, Mohd Suhaimi Tohid and Rafeah Legino

Monoprint Technique: Medium and Expression .................. 409
Muhammad Abdullah, Rafeah Legino, Siti Humaira Ramli and Muhamad Fairus Kamaruzaman

Women Artist in Malaysian Visual Art History and Development .... 421
Umairah Arina Mokhtar, Juliana Manan and Rafeah Legino

The Structure of Malay Woodcarving Motifs in Craft Education Module .................................................. 429
Sumardianshah Silah, Ruzaika Omar Basaree, Badrul Isa, Raiha Shahanaz Redzuan and Zuraimi Zakaria

Utilisation of the Research Workbook as an Assessment Tool in Promoting Cultural Awareness and Understanding ............................................. 441
Sumardianshah Silah, Zuraimi Zakaria, Badrul Isa, Raiha Shahanaz Redzuan and Alina Abdullah
Appropriateness of Animated TV Advertisements in Creating Awareness of Truancy Among Secondary School Students: A Case Study in Klang, Malaysia ............................ 451
Noraziah Mohd Razali, Ellyana Mohd Muslim Tan, Safrina Muhammad Azmi and Mohd Faizol Haini

Analysis of Ergo-Aesthetics Assessment: A Case Study of Public Park Benches ........................................... 459
Velu Perumal and Khairul Adlin Azlin Rahman

Cost-Related Issues in Malaysian Construction Contracts ........... 473
Sharifah Nur Aina Syed Alwee, Halim Hashim, Mysarah Maisham, Noor Aisyah Asyikin Mahat and Norizan Ahmad

Ablution Design: The Concepts and Design Criteria ............... 487
Abu Bakar Abd Hamid, Mohamad Hanif Abdul Wahab, Aida Alias and Norashikin Rahmat

Perak Malay Landscape Furniture Design: An Overview ........... 497
Ahmad Zamil Zakaria, Mohd Sabrizaa Abd Rashid and Syazwani Ahmad

Designing ‘Embouchure Clay’ Parameter Formulation: Sabak Earth Ceramic Craft ............................................. 511
Mohd Tazul Akmal Mohd Talib, Abdul Rahim Jalil, Verly Veto Vermol and Rusmadiah Anwar

Significance of Prayer Room Design Standards at Shopping Complex ................................................................. 521
Abu Bakar Abd Hamid, Mohamad Hanif Abdul Wahab, Aida Alias and Norashikin Rahmat

Development of Contemporary Painting in Malaysia .............. 533
Nur Farahain Yahaya, Juliana Manan, Mohd Suhaimi Tohid and Rafeah Legino

Adapting Muwajjah Vector Analysis: Prominent Feature in Islamic Art ......................................................... 543
Rosmahani Mat Hussain, Rafeah Legino, Rusmadiah Anwar and Muhamad Fairus Kamaruzaman

Printmaking Terminology: Correlation on Definition Study Between Matrix in Printmaking and Ready-Made Material Mould in Industries ......................................................... 553
Nur Adibah Nadiah Mohd Aripin, Izaddin Matrahah, Ishak Ramlil, Ponirin Amin and Rahman Amin

Printmaking: Mould as an Alternative Artwork ...................... 563
Mursyidah Zainal Abidin, Mohd Razif Mohd Rathi, Wan Juliana Emeih Wahed and Zaidi Wasli
Comparison of Chinese Calligraphy and Ink Painting Brushes with Western Water-Media Painting Brushes .......................... 571
Ng Woon Lam

Thematic Analysis as a Basis in Giving Meanings to Myths of Nunuk Ragang and Huminodun Folktales of Kadazandusun Tribe in Sabah . . . 577
Chrisna Pindah, Mohd Ali Azraie Bebit and Halina Amin

Method Design of Keris Pandai Saras ................................. 581
Nurulliyana Norman, Rafeah Legino, Norizan Sajar, Nazirah Ba’ai and Muhamad Fairus Kamaruzaman

Islamic Features Adaptation in Songket Design ........................ 587
Norakmal Abdullah, Nani Hartina Ahmad, Norwani Md Nawawi and Rafeah Legino

Kufi Lari: The Hybrid of Khat Kufi to Uphold the Malays’ Identity in Digital Art Application .................................................. 597
Mohd Amin Mohd Noh, Mohd Fauzi Harun, Nik Narimah Nik Abdullah, Nor Fariza Baharuddin and Zahara Ramli

Representing Women: The Portrayal of Coloured Women in Malaysian Magazine WANITA ........................ ........................ 607
Nurul Akma Abdul Wahab, Saiful Bahar Salim and Muhamad Fairus Kamaruzaman

The Exploration of Vegetable Dyes in Fibre Artworks ....................... 613
Faiizah Ahmad Shobri and Norwani Md. Nawawi

Uniqueness of Malay Traditional Embroidery: Kelingkan .................. 625
Rose Dahlina Rusli and Norwani Md. Nawawi

Transformation of Traditional Telepuk Motifs into Contemporary Artwork .......................................................... 637
Syarifah Nur Atiyah Syed Baharom and Norwani Md. Nawawi

The Role of Designomics in Jewellery Design .......................... 647
Hema Zulaika Hashim and Khairul Adlin Azlin Abd Rahman

Islamic Geometric Pattern Within the Molecular Structure ............. 655
Rahman Amin and D’zul Haimi Md. Zain

Erratum to: Kufi Lari: The Hybrid of Khat Kufi to Uphold the Malays’ Identity in Digital Art Application ..................... E1
Mohd Amin Mohd Noh, Mohd Fauzi Harun, Nik Narimah Nik Abdullah, Nor Fariza Baharuddin and Zahara Ramli
Proceedings of the 2nd International Colloquium of Art and Design Education Research (i-CADER 2015)
Abidin, S.Z.; Legino, R.; Noor, H.M.; Veto Vermol, V.; Rusmadiah, A.; Fairus Kamaruzaman, M. (Eds.)
2016, X, 660 p. 357 illus., Hardcover