

Contents

Arts and Humanities

Desire on the road: a psychoanalytical reading of “The lake isle of Innisfree” and “Stopping by woods on a snowy evening” 1-12

G.M. Javed Arif

Unveiling unconventional depictions: Native imagery in Kaiser Haq’s selected poems 13-19

Md Mebedi Hasan

Parallelisms and contrasts in Shakespeare’s Twelfth night 20-28

G. M. Javed Arif

Life Science

Salinity and parent-of-origins affect leaf neogenesis of *Avicennia officinalis* L. in the Sundarbans, Bangladesh 29-37

Md. Rabiul Alam, Mahmood Hossain

Effect of faecal sludge compost on growth, yield and quality of red amaranth (*Amaranthus cruentus*) 38-45

Syed Sajidul Islam, Sonia Nasrin, Nusrat Jaban Ruzpanty, Mohammad Zaber Hossain, Falguni Akter, Nipa Adhikary, Md. Tangimul Islam

Sex ratio and biometric indices of Pama croaker, *Otolithoides pama* (Hamilton, 1822) from the bay of Bengal, South-west Bangladesh 46-57

Wasim Sabbir, Asikur Rahman, Md. Asadujjaman, Sarower Mahfuj, Md. Nuruzzaman Khan, Md. Musfike Meraz

Stand structure and fine root production with their benefaction to carbon storage in the Sundarbans mangrove forest 58-70

Md. Kamruzzaman, Rifat Rahaman Hredoy, Md. Minarul Islam

Impact of waterlogging on land use, biodiversity and ecosystem services in Tala upazila, Bangladesh 71-84

Srabanti Das Ankebi, Muhammad Abdur Rouf

The impact of Vasaka (*Justicia adhatoda*) leaf extract on the growth and immune response of shrimp *Penaeus monodon* 85-93

Joya Biswas, Alokesh Kumar Ghosh, Sheikh Shaon Ahmmed, Halima Tus Sadia, Md. Golam Sarower

Colossal loss of fish biodiversity during fry collection in the Rupsha river 94-106

Tanzera Khatun, Sheikh Mustafizur Rahman, Mst. Muslima Khatun

Effect of oxytetracycline on morphometry and metabolic activities of poly-cultured Tilapia and Rohu 107-114

Rabat Bin Shahid, Sunuram Ray, Muhammad Abdur Rouf, Md. Golam Sarower

Comparative economic viability analyses of integrated and poly culture system of prawn *Macrobrachium rosenbergii* production 115-121

Shanchita Zaman Chowdhury, Md Rana Islam, Abul Farab Md. Hasanuzzaman, Joyanta Bir, Khandaker Anisul Haq

Clot lysis and membrane protection potentials of *Cheilanthes tenuifolia* methanolic leaf extract 122-130

Md. Showkoth Akbor, Md. Sakib Al Hasan, Mst. Farjanamul Haque, Md. Sakib Hossain, Tonbidul Islam Tanim, Salehin Sheikh, Abdullah Al Faruq, Muhammad Torequl Islam

Evaluation of antibacterial activity produced by *Weisella* sp. gmp12 and its potency as a starter to enhance fish fermented products quality 131-139

Masagus Muhammad Prima Putra, Muhammad Yaafi Al-Hammam, Achmad Hanif Mardinsyah, Indun Dewi Puspiita

A systematic review on chemical and pharmacological activities of *Excoecaria agallocha*: A potential Sundarban plant 140-159

Tasfiya Rufeidah Abnaf, Pritam Sarkar, Md. Emam Shikdar, Sudipto Saha, Sheikh Jamal Uddin

Science & Engineering

- Assessment of sustainable housing affordability: a comparative study between two planned residential areas of Khulna city** 160-168
Fawzia Farzana, Tanzim Al Mahmood, Maitry Biswas, Lopa Islam
- Assessing the readiness level of RMG sector of Bangladesh towards implementing industry 4.0** 169-182
Chowdury M Luthfur Rahman, Misbah Uddin Syed, Nurul Alam Fahim, Md Rasel Mia
- Impact of tenure security on home-based enterprises: observations from two informal settlements in Khulna** 183-202
Sumaiya Rahman Piasbi, Anirban Mostafa, Imran Hossain Foishal, Rabeya Sultana Leya
- Urbanization trend and the socio-spatial transformation of peri-urban Khulna, Bangladesh** 203-221
Naimul Aziz, Apurba Kumar Podder
- A discourse on how abandoned heritage can be valued- a case of Sidhpur** 222-231
Zabra Yasmoon, Rokhsaneh Rahbarianyazd
- A study on the morphology of large-sized handicraft streets: the cases from China** 232-244
Lin Zhang
- A shift towards E-mobility in India: challenges and innovations** 245-255
Ashna Javed, Hourakhsb Ahmad Nia
- Analyzing modern public interiors through passages and bazaars in Kemeralti, Izmir, Turkey (1960s-1970s)** 256-276
Yaren Kurt, Gülnur Ballice, Eda Paykoç Özçelik, Gizem Güler Nakıp
- Living heritage approach for the sustainability of agraharams in Palakkad, Kerala, India** 277-290
Ramiya Gopalakrishnan
- Designing mobile primary health center: does form follows function?** 291-314
Md Haseen Akhtar, Janakarajan Ramkumar
- Toki and Reits: dominating housing actors in Turkiye and their design approaches** 315-332
Hale Demirci, Rengin Zenge

Management and Business Studies

- Measuring the impact of the customer-based brand equity (Cbbe) dimension on brand loyalty: a study on selected smartphones in Bangladesh** 333-346
Shahed Ahmed, Md. Mazedul Haque

Social Sciences

- Impact of pedagogical practices on academic performance: perceptions of the students of Khulna university** 347-357
Deepty Sarder, Mohammed Ziaul Haider
- Impact of internal migration on income and poverty: a study on Gopalganj district** 358-369
Azim Chowdhury, Sabina Yeasmin
- Does dysfunctional presenteeism affect academic performance? Evidence from undergraduate students in Khulna region** 370-380
Pinkey Sikdar, Fauzia Hamid, Sajib Chowdhury