

***Khulna University Studies***  
**Volume 22, Issue 2: December 2025**

***Contents***

**Arts and Humanities**

**Students' Attitude and Experience towards CAELL: A Case Study on Social Science School, Khulna University** 1-15

*Khaled Hasan Bappy , Md. Nuruzzaman*

**Life Science**

**Bacteriological Quality Assessment Of Drinking Water from Different Sources Within Khulna University** 16-24

*SK Nazmul Ulla, Shailee Ahmed Shuchi, Ayesha Ashraf, Shaila Siddiqua*

**Climate Change Stressors and Adaptive Responses in Shrimp Farming: A Systematic Review of Emerging Synbiotic Technologies** 25-40

*Saroj Kumar Mistry, Syed Hafizur Rahman*

**Chitosan Coating Maintains Postharvest Quality and Extends Shelf Life of Dragon Fruit (*Hylocereus* spp.)** 41-51

*Afsana Parvin , Md. Abdul Mannan , Md. Yamin Kabir*

**Antibiotic Use Pattern in Dairy Cattle and Farmers' Perception of its Impact on Public Health in a Selected Area of Khulna District** 52-61

*Sarder Safiqul Islam, Afsana Rahman, Md. Shafiqul Islam, Minhazul Abedin Sun, H.M. Ashiquzzaman Rana*

**Application of Chitin Nanofiber as A Nitrogen Source Improves Growth and Yield of BRRI Dhan28** 62-69

*Tulshi Biswas, Md. Yasin Ali, Md. Iftekhar Shams, Sumaiya Afroj , Md. Yamin Kabir*

**Science and Engineering**

**Climate Change Induced Vulnerabilities of Urban Poor in Small Coastal Towns: Experiences from the Mongla Port Municipality** 70-80

*Md Ashek Mahmud, Md Salauddin*

**Prevalence and Factors Associated with Depression, Anxiety, and Perceived Stress among Khulna University Students, Bangladesh** 81-93

*Md. Salauddin Khan, Maliha Mahazabin , Farhan Fuad, Ijaj Ahmed, Md. Shoebuj Zaman*

**Between Concrete and Crops: A Geo-Spatial and Qualitative Analysis of Ecological and Social Costs of Peri-Urban Growth in Khulna** 94-112

*S. M. Tafsirul Islam, Sutapa Dey Sharmi*

**Comparative Analysis of Biophilic and Non-Biophilic Hostel Designs in a Tropical Climate: A case of University of Ibadan, Nigeria** 113-125

*Joel Taiwo, Olufunmilola O. Obakin , Adeola S. Ajayi*

**Towards Resilient Urban Governance: Integrating the Bangladesh Army in Earthquake Disaster Management** 126-144

*Md Ismail Hossain*

**Automated Class Scheduling: Ensuring Conflict-Free and Optimized Timetables** 145-155

*Md. Farhan Sadique, Md. Ahsanul Haque, Kazi Masudul Alam*

**Management and Business Studies**

**Board Composition and Its Influence: The Role of Female and Independent Director in Promoting Financial Performance and CSR of Listed Banks and NBFIs** 156-169

*Khadiza Khatun Tumpa, Md. Amanullah, Habibur Rahman Moni*

**Smart Banking App Adoption: Key Influences in Developing Countries with Rapid Tech Change** 170-179

*Md. Khashrul Alam, Tarun Kanti Bose, Maliha Kabir Peulee*

## **Social Sciences**

**Assessing the Influence of Housing Attributes on Rent in the Urban Context of Khulna** 180-193  
*Md. Nahid Hasan, Md. Mehedi Hasan*

**Sociodemographic and Institutional Determinants of Subject Choice: A Case of Public University Students in Bangladesh** 194-205

*Mosammat Rowshan Ara, Ferdousi Jahan Oyshi*

**Framing Peace in Media Narratives and the Potential of Journalism in the Russia-Ukraine Conflict** 206-217

*Hasan Azizur Rahman, Ebrahim Aoni*

**Parental Awareness and Attitude towards Vaccination: A study among slum dwellers of Khulna City Corporation, Bangladesh** 218-227

*Umme Habiba, Md Amanullah, Marzia Khatun, Habibur Rahman*

**Impact of Female-Unfriendly Sanitation on Adolescent Girls' Well-being and Education in Khulna City** 228-233

*Irin Azhar Urme, Fariha Tasnim, Md. Ahad Hossain, Asif Khan*

**Effect of Class Attendance on Academic Performance in the Higher Studies: A Case Study on the Department of Economics at Dhaka International University (DIU)** 234-244

*Rifat Mia, Shahiduzzaman Selim, Mostafa Monir, Md. Anowar Hossain, Babor Ahmad, Md. Rakibul Hasan*

**Factors Affecting Academic Performance among Undergraduate Students at Khulna University** 245-256

*Nitu Biswas, Md. Mehedi Hasan, Md. Nahid Hasan*

**Exploring the role of the One Stop Crisis Centre for supporting rape victims: A study in Dhaka Medical College Hospital** 257-265

*Tasnia Tahsin Shuha, Salma Akhter, Protiva Mondal*

**Climate Change, Cyclone AILA and Post-disaster Occupational Vulnerabilities of Fisherfolks: A Qualitative exploration in a South-west Coastal Upazila of Bangladesh** 266-273

*Lubaba Khan, Tuhin Roy*

**Examining Levels and Social Correlates of Caregivers' Knowledge, Attitude, and Practices toward Child Health Care Services in Khulna** 274-285

*Ashik Mondal, Sanjoy Kumar Chanda*

**Risk Factors for Domestic Violence Against Women in South and Southeast Asian Countries: A Pooled Cross-sectional Study** 286-299

*Sazia Ahmed, Md Mustakim Munshi*

**Assessment of Livelihood Resilience in Hazard-prone Areas of Southwestern Bangladesh** 300-316

*Sazia Ahmed, Md. Obydur Rahman*

**Using the Social Ecological Model to Identify Barriers and Facilitators to Adapting Disaster Risk Reduction Strategies by Southwestern Coastal Communities in Bangladesh: A Qualitative Investigation** 317-330

*Nadim Morshed, S M Faizul Haq, Sanjoy Kumar Chanda*

## **Law**

**Reviewing the Abolishment of the Death Penalty in Bangladesh through the Lens of Human Rights** 331-346

*Md. Shahrier Alam, Kazi Murad Hossain*

**Assessing the Views of General People on Regarding the Rights to Inheritance of a Hindu Daughter: A Study on Girls of Khulna University** 347-356

*Fatima Tahosin Tova, Pumam Chakrabarty*

## **Fine Arts**

**Gender, Society, and Expression: An Analysis of the Subject Matter of Bangladeshi Visual Women Artists** 357-365

*Asma Chowdhury, Md. Nadimuddaula, Lutfunnahar Liza*