# The Journal of Eden Mohila College



Eden Mohila College Dhaka, Bangladesh Volume-4

## The Journal of Eden Mohila College



December 2024

## Eden Mohila College Dhaka, Bangladesh

E-mail: emcjournal21@gmail.com website: www.emc.edu.bd/research and publication

### The Journal of Eden Mohila College

Volume-4, ISSN 2789-4649

#### **Published by**

Eden Mohila College, Dhaka, Bangladesh

#### **Date of Publication**

December 16, 2024

#### **Cover Design**

Mizanur Asad

#### **Printed by**

Mukty Manobi Computers

143/B, Dhaka University Market, Katabon, Dhaka-1000

Cell: 01712-098 556, 01675-884695

E-mail: muktymanobi@gmail.com, muktymanobi143@gmail.com

## The Journal of Eden Mohila College Editorial Board

#### **Chief Advisor**

#### Professor Dr. Shamsun Naher

Principal Eden Mohila College, Dhaka

#### **Advisor**

#### Professor Dr. Momtaz Shahanara

Vice Principal Eden Mohila College, Dhaka

#### **Chief Editor**

#### Professor Dr. Hosne Ara Parveen

Head of the Department Department of Islamic History & Culture Eden Mohila College, Dhaka

#### **Associate Editors**

#### **Professor Meherunnesa Merry**

Department of Bangla Eden Mohila College, Dhaka

#### Professor Dr. Nahid Mansoor

Head of the Department, Department of Botany Eden Mohila College, Dhaka

#### **Members**

#### Dr. Shaila Nazneen

Associate Professor Department of Zoology Eden Mohila College, Dhaka

#### Mahfuza Akter

Associate Professor Department of English Eden Mohila College, Dhaka

#### Dr. Fariza Tul Koabra

Assistant Professor Department of Mathematics Eden Mohila College, Dhaka

#### Dr. Abu Saleh Mohammad Noman

Assistant Professor Department of Sociology Eden Mohila College, Dhaka

## **Contents**

1.	Effects of Cypermethrin Treated Impregnated Curtains on the Mortality of Mosquitoes in Dhaka City Shaila Nazneen	1-13
2.	Poverty and Socio-physical Capitals of Coastal People in Bangladesh Abu Saleh Mohammad Noman	15-26
3.	Effects of The Application of Combination Treatments of Growth Regulators on Physiological and Pigments Parameters of French Bean (Phaseolus Vulgaris L.) Ferdowsi Noor	27-45
4.	Save Environment, Save Life in Dhaka City: A case study in Eden Mohila College Sharmeen Jahan	47-59
5.	Female Graduates Participation in Workforce: Scenario from the Study of Four Govt. Colleges in Dhaka Parvin Akter	61-74
6.	Computational Investigation of Natural Convection on a Hexagonal Cavity with a Semi-Circular Cooler Obstacle Gazi Homayra Shirin	75-85
7.	Study of Natural Convection on a Sinusoidal Cavity with a Cooler at Different Configuration Mahfuza Sultana, Zakia Sultana Farhana, Arju Ara Runa	87-97
8.	হাঙর নদী গ্রেনেড: মুক্তিযুদ্ধের প্রেক্ষাপটে নারীজীবনের রূপায়ণ কানিজ ফাতেমা	99-111