



**ISOLATION, MORPHOLOGICAL  
IDENTIFICATION AND CHARACTERIZATION  
OF INDIGENOUS MICROALGAE FROM  
DIFFERENT SOUTH-EASTERN FRESHWATER  
HABITAT OF BANGLADESH**

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Roll No. 0120/04

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Session: 2020-2021

**A thesis submitted in the partial fulfillment of the requirements for the degree  
of Master of Science in Aquaculture**

**Department of Aquaculture**

**Faculty of Fisheries**

**Chattogram Veterinary and Animal Sciences University**

**Chattogram-4225, Bangladesh**

**June 2021**

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**This is to certify that we have examined the above Master's thesis and have found that is complete and satisfactory in all respects, and that all revisions required by the thesis examination committee have been made.**

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**JUNE 2021**

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## List of Abbreviations

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Words	Abbreviation
sp.	Species
CD	Cell Density
OD	Optical Density
DO	Dissolve Oxygen
BBM	Bold Basal Media
ppt	Parts Per Thousand
ppm	Parts Per Million
rpm	Rotation Per Minute
rcf/ ×g	Relative Centrifugal Field
pH	Power of Hydrogen
°C	Degree Celcius
$\mu\text{Em}^{-2} \text{s}^{-1}$	Microeinsteins Per Second Per Square Meter
VP	Volumetric Productivity
LP	Lipid Productivity
AP	Areal Productivity
DB	Dried Biomass
SGR	Specific Growth Rate
PC	Phycocyanin
APC	Allophycocyanin
PE	Phycoerythrin
Hr	Hour
$\mu$	Micro
mL	Mili Liter
L	Liter
%	Percentage
g	Gram
lbs	Pound
v/v	Volume/Volume
TAN	Total Ammonium Nitrogen
Min	Minute
Mg	Mili Gram
nm	Nanometer
cm	Centimeter

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