

LIST OF ABBREVIATIONS

DB-199	Direct Blue 199
DDW	Double Distilled Water
BOD	Biochemical Oxygen Demand
COD	Chemical Oxygen Demand
DO	Dissolved Oxygen
TDS	Total Dissolved Solids
TSS	Total Suspended Solids
UV	Ultraviolet
UV-Vis	Ultraviolet-Visible
IR	Infrared
UV-PCR	Ultra-Violet Photochemical Reactor
OPR	Open Pan Reactor
GT	Glass Tube
QT	Quartz Tube
XRD	X-Ray Diffraction
DRS	Diffuse Reflectance Spectroscopy
FTIR	Fourier Transform Infrared
XPS	X-Ray Photoelectron Spectroscopy
EDX	Energy Dispersive X-Ray Spectroscopy
TEM	Transmission Electron Microscopy
SAED	Selected Area Electron Diffraction
DSR-1	Direct Solar Radiation
DSR-2	Diffuse Solar Radiation
AT	Air temperature
AS	Wind speed
WD	Wind direction