

Title	Analyzing The Effect of COVID-19 on Mental Health based on Bangladeshi University Students
Author(s) Name	Billah, Md Masum, Din Mohammad Dohan, Afsara Tasnim, Shaily Sarker, Bristy Talukder
Contact Email(s)	billah.masumcu@aiub.edu
Published Journal Name	2nd International Conference on Computing Advancements
Type of Publication	Conference
Volume	Issue
Publisher	ACM Digital Library
Publication Date	March, 2022
ISSN	78-1-4503-9734-6
DOI	https://doi.org/10.1145/3542954.3543061
URL	https://camps.aptaracorp.com/ACM_PMS/PMS/ACM/ICCA2022/83/5ac01e43-e591-11ec- a76e-16bb50361d1f/OUT/icca2022-83.html
Other Related Info.	Page 9



Faculty of Science and Technology

American International University-

Page **1** of **2**



Abstract

The primary objective of this study is to determine the effect of the COVID-19 pandemic on a representative sample of Bangladeshi uni- versity students. The study conducted a cross-sectional approach including HADS (Hospital Anxiety and Depression Scale) and CAS (Coronavirus Anxiety Scale), obtaining sufficient data to evaluate the correlation between COVID- 19 Lockdown lifestyle and psychological impact on the students. The CAS (Coronavirus Anxiety Scale), Anxiety and Depression models were constructed to predict individuals' psychotic state, and an indisputable interpretation process has been consummated to assemble sufficient results. The study conducted an unequivocal evaluation to observe the crucial socio and environmental factors associated with young age, low socioeconomic position, gender, scholastic lifestyle, immobility, solitary, academic and occupational impediments.



Page **2** of **2**