

Issues in **ACCOUNTING & FINANCE** IN THE POST-COVID SCENARIO

Editors:

Professor Sunil Kumar Gandhi

Professor Ananda Mohan Pal

Professor Satyajit Dhar

Professor Amalendu Bhunia

Professor Ashish Kumar Sana

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COVID-19 in India: A Study on Select Demographic and Economic Factors

Sebanti Show* & Praveen Kaur**

Abstract

The death-dealing COVID-19 pandemic is spreading rapidly worldwide. With a densely populated country of 135 crore citizens, India has been facing tough challenges to fight against this crisis. The present study aims to determine whether the select demographic factors have an association with spread of COVID-19 and ascertain the influence of COVID-19 on two select economic factors during this enduring period of the pandemic in India. The analysis of data is done by applying Karl Pearson's correlation coefficient (R) and multiple regressions. The key findings signifies that the population density in a country like India, which is among the top thirty countries in the world in terms of population density (406.7/sq. km.), is not associated with the spread of the virus in the country. The citizens are still not prone towards online transaction platforms even though the country is recording the highest number of affected cases in the present time.

Keywords: COVID-19; Projected Population; Projected Density; Unemployment Rate; Mobility Rate.

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$R = .623$ $R^2 = .388$ Adjusted $R^2 = .378$
 S.E of the estimate = 5.61606 Durbin Watson = .030
 $F = 41.443$ (Prob. = .000)

Table 7: Results of Multiple Regression of COVID-19, Workplace Mobility Rate and Volume of ATM Transactions

Model	Unstandardized B Coefficients	S.E.	t	Prob.
(Constant)	-97.071	51.006	-1.903	.069
Movement Rate	4.325	.813	5.320	.000
New Cases	-.003	.001	-4.843	.000

$R = .828$ $R^2 = .685$
 Adjusted $R^2 = .659$
 S.E of the estimate = 9.95869 Durbin Watson = 1.372
 $F = 26.154$ (Prob. = .000)