

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_130912
Title of the Manuscript:	Assessing the Contribution of Economic Indicators to GDP Growth in India: A Regression Analysis
Type of the Article	

PART 1: Comments

	Reviewer’s comment	Author’s Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript is important for the scientific community as it provides a quantitative assessment of the relationship between key economic indicators and GDP growth in India, a rapidly developing economy. By employing regression analysis, it offers valuable insights into the role of agricultural GDP share, per capita income, exchange rates, inflation, and exports in shaping economic performance. The findings contribute to the existing literature on macroeconomic modeling and policy formulation, emphasizing the need for data-driven decision-making. Additionally, the study highlights the importance of digital platforms and agritech in strengthening agricultural contributions to economic stability, making it relevant for economists, policymakers, and development researchers.	Okay
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	okay
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract provides a concise summary of the study, covering its objective, methodology, key findings, and policy implications.	okay
Is the manuscript scientifically, correct? Please write here.	Yes	okay
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	okay

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Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	<p>Title: "Assessing the Contribution of Economic Indicators to GDP Growth in India: A Regression Analysis". The study effectively examines key economic indicators (per capita income, agricultural GDP share, inflation rate, exchange rate, and exports) and their impact on GDP growth in India. However, the following are the major revisions that need to be handled by the authors:</p> <div><div>(1) A perfect R² (1.0) is highly unusual in econometric models, suggesting overfitting or omitted variable bias. Possible multicollinearity issues are not sufficiently addressed by the authors.</div><div>(2) The study shows that inflation and exports have weak effects on GDP yet does not adequately explain why they were included as key predictors.</div><div>(3) The study lacks deeper discussion on external economic shocks, global trade factors, or monetary policies that might influence GDP.</div><div>(4) The sample size of 25 observations is relatively small for regression analysis, potentially reducing generalizability.</div><div>(5) There is no mention of data normalization or transformation, which could affect regression accuracy.</div><div>(6) Additional diagnostic tests such as variance inflation factor (VIF) for multicollinearity, heteroskedasticity tests, or alternative model specifications would improve the credibility of the findings.</div></div>	<div><div>1) The model is checked for multicollinearity and VIF value less than 10 and there is no problem of multicollinearity</div><div>2) Though they are showing weak effect considered as important macroeconomic variables to check its effect included in the model</div><div>3) Revised and added in results and discussion</div><div>4) Sample size increased by adding data from 1990 to 2024 to get accurate picture</div><div>5) Data is normally distributed required graphs included in paper</div><div>6) VIF, heterokedasticity is checked model is not effected by both hence reveal strong model</div></div>

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	No there is no ethical issues data collected and analysed are authentic and research paper is authors analysis