

Review Form 3

Journal Name:	Asian Journal of Education and Social Studies
Manuscript Number:	Ms_AJESS_126534
Title of the Manuscript:	A Fifty-Year Journey: Analyzing Fluctuations in India's GDP and Manufacturing Output
Type of the Article	

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>Presented Manuscript offering detailed long-term analysis of GDP and manufacturing output fluctuations in India, by highlighting complex impacts of both cyclical and structural factors on economic stability. By utilizing statistical measures, such as adjusted Coppock and RSS-based methods, it provides nuanced understanding of year-to-year and overall fluctuations, which is significant for policy insights. This study could serve as valuable reference for researchers and policymakers interested in economic cycles and stability within emerging economies.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title somehow reflects content, though a more precise title might enhance clarity. Consider: "Long-Term Fluctuations in India's GDP and Manufacturing Output: An Analytical Review (1970-2020)" to capture both the scope and analytical approach.</p>	
<p>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.</p>	<p>The abstract comprehensively covers the study's objectives, methods, and key findings. However, adding a brief mention of policy implications like, how understanding these fluctuations informs economic stability strategies) could strengthen its relevance for readers. particularly, mention how the fluctuations impact economic cycles and potential mitigation strategies that could be considered by policymakers.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The structure is logical, following a clear progression from objectives and methodology to results and conclusions. However, the Introduction could benefit from a more concise background and a clearer articulation of research gaps. The Methodology section is well-organized but would be improved by brief explanations of why certain fluctuation measures were chosen over others.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The manuscript is scientifically robust, and employing advanced statistical techniques to examine GDP and manufacturing output trends. The use of both the RSS-based and Coppock fluctuation measures, as well as their adjusted versions, is technically sound and aligns well with the study's goals. Additionally, the comparative analysis and alternative models are insightful, though manuscript could elaborate on how these measures differ in their applicability and limitations for analyzing economic cycles. Discussing these differences would enhance the scientific soundness and clarity for the readers.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =</p>	<p>While the references are relevant and mostly recent, a few more contemporary studies on economic fluctuations and industrial stability, especially in the context of emerging economies, would strengthen the theoretical grounding. I recommend considering recent publications to capture developments in fluctuation analysis and economic stability theories.</p>	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language is generally appropriate for academicians, though minor editing could improve clarity and readability, especially in sections with complex methodological explanations. Simplifying sentence structures in the Methodology and Results sections would make the statistical analysis more accessible.</p>	
<p>Optional/General comments</p>	<p>some additional considerations that could further enhance the study:</p> <ol style="list-style-type: none"> 1. Clarification on Policy Impacts: While the manuscript touches upon the impact of economic policy shifts such as liberalization in the 1990, it would be beneficial to include a brief discussion of specific policy initiatives that may have driven fluctuations. references to key industrial policies or economic reforms impacting manufacturing sector would provide context and relevance. 2. Broader Contextualization: Including a comparison with other developing economies, either briefly in the introduction or conclusion, could offer readers broader perspective. Highlighting how India's fluctuation trends align or contrast with those of similar economies can enhance the study's relevance. 3. Methodological Reflection: Although the methodology is thorough, a reflective paragraph on the limitations of the fluctuation measures used could enhance transparency. a short discussion of potential constraints in the RSS-based and Coppock methods for time series data in emerging economies may provide a more balanced view. 4. Future Research Directions: The study could suggest areas for future research, such as exploring fluctuations in additional sectors like agriculture or services, or applying non-linear models to capture complex patterns. This would encourage further investigation and demonstrate the study's forward-looking impact. <p>Specific Revisions</p> <ol style="list-style-type: none"> 1. Introduction: The first paragraph introduces the concept of economic growth fluctuations but could explicitly connect this concept to India's unique economic and industrial structure. Adding a sentence on the relevance of understanding manufacturing output fluctuations within India's GDP context would emphasize the study's importance. 2. Objectives: This section is clear, but it would benefit from briefly summarizing the expected outcomes or hypotheses related to GDP and manufacturing fluctuations. 3. Methodology: While detailed, the methodology could include a table summarizing each fluctuation measure's purpose, formula, and data requirements. This addition would provide a quick reference and enhance the section's clarity. 4. Results and Discussion: <ul style="list-style-type: none"> o The discussion on Figure 1 regarding residual data points and types of fluctuations is informative, yet a further explanation of seasonal vs. cyclical fluctuations could clarify why these were significant for this analysis. o In Table 2 and associated discussion on manufacturing sector fluctuations, consider discussing why manufacturing shows distinct patterns compared to GDP, potentially due to structural factors unique to the sector. o Comparative analysis between GDP and manufacturing output would benefit from a short paragraph highlighting policy implications. For instance, mention how understanding the higher fluctuation in manufacturing may indicate vulnerability to global economic shifts. 5. Conclusion: The conclusion effectively summarizes key findings but could better emphasize their policy implications, particularly on long-term planning and economic resilience. Addressing the broader relevance of these findings for other emerging economies experiencing similar fluctuations would increase the study's applicability. 6. Figures and Tables: Figures and tables are clear, but ensure they are adequately labeled and referenced in the text. In particular, a legend for Figures 3 and 4, briefly explaining each line or data point, would be helpful for readers less familiar with fluctuation measures. 	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Imran Ali
Department, University & Country	National Research University, Higher School of Economics, Russia