

Review Form 3

Journal Name:	Asian Journal of Research and Reviews in Physics
Manuscript Number:	Ms_AJR2P_130030
Title of the Manuscript:	EFFECT OF TEMPERATURE ON THE STRENGTH OF MAGNET
Type of the Article	

PART 1: 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>
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.		THANKS. IMPROVED
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Is the manuscript scientifically, correct? Please write here.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

Review Form 3

Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	<p>The article entitled “EFFECT OF TEMPERATURE ON THE STRENGTH OF MAGNET (Ms_AJR2P8130030)” offers a thorough examination of how temperature influences magnetic strength, integrating theoretical perspectives with experimental data. It successfully outlines key concepts of magnetism and presents a clear, replicable methodology. However, the presentation is hindered by grammatical errors and insufficient integration of figures and graphs, which detract from the overall clarity and impact of the findings. While the literature review references relevant studies, it lacks critical analysis and synthesis, which are essential to establish a stronger context for the research. The hypotheses and objectives are articulated but could more explicitly highlight the research gap being addressed. Although the study aligns with the journal's scope and provides meaningful insights, it requires enhancements to emphasize the innovation and significance of the work. A revision is recommended, and detailed comments for improvement are listed below:</p> <ol style="list-style-type: none">1. Can you provide a more detailed explanation of how you ensured the consistency of temperature control during the experiments?2. How do you account for potential external factors (e.g., humidity, magnetic interference) that might have influenced the results?3. The paper mentions graphs summarizing the results, but they are not fully integrated into the discussion. Can you elaborate on the trends observed and their statistical significance?4. Could you explain why the specific temperature range (25°C–98°C) was chosen, and how it relates to the Curie points of the materials studied?5. The methodology mentions using a ruler to measure deflection angles. Did you consider alternative measurement tools for higher precision?6. Were any trials conducted to assess the repeatability of the experimental results, and if so, what were the findings?	THANKS. IMPROVED

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)	NIL