Review Form 3

Book Name:	Chemical and Materials Sciences: Developments and Innovations
Manuscript Number:	**Ms_BPR_4132**
Title of the Manuscript:	**The Cohesive Forces in Explaining Material Phenomena**
Type of the Article	**Book chapter**

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 research article explains how cohesive forces are responsible to hold different materials together and affect their properties. By studying carbon-based materials, it shows how cohesive forces influence strength, conductivity, and performance in different conditions. The findings can help improve technologies in areas like nanotechnology, biotechnology, and sustainable materials, offering new ways to create better products.	
Is the title of the article suitable? (If not please suggest an alternative title)	Title is suitable	
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.	I would like to give following suggestions to make the abstract more comprehensive 1. Include key findings of the study. 2. Specific applications like energy storage systems, graphene-based technologies, or protein stability should be highlighted. 3. Add terms like "Graphene," "Structural Integrity," or "Nanocomposites" to make the abstract searchable and relevant to the content.	
Is the manuscript scientifically, correct? Please write here.	Manuscript appears scientifically accurate and explores cohesive forces comprehensively across materials science.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. **-**	The references cited in the manuscript appear comprehensive. But additional references on recent reviews, emerging fields can position this article as a more up-to-date.	
Is the language/English quality of the article suitable for scholarly communications?	The article is written in a clear, detailed, and well-structured manner, suitable for scholarly communication.	
Optional/General comments	The article presents cohesive forces as a fundamental idea in material science through lens of carbon. It emphasizes their importance in structural stability, conductivity, and functional qualities in both biological and inorganic systems. Future applications in nanotechnology, energy storage, and biotechnology are highlighted, resulting in unique insights and developments.	

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)*	

Reviewer Details:

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Department, University & Country	**Janata Mahavidyalaya Chandrapur, Gondwana University, India**