

Review Form 1.7

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_100554
Title of the Manuscript:	Recent developments in damage detection of CFRP composites using non-destructive techniques – a review
Type of the Article	Review Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljerr.com/index.php/JERR/editorial-policy>)

PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. This paper introduces a variety of non-destructive techniques for CFRP composites. It is pointed out that NDT is of great significance to the health and safety of equipment structures. Then, each NDT method is introduced in detail, and the selection of the best NDT method should consider the efficiency, safety and operating cost. In this paper, the realization, advantages and disadvantages of each NDT method are summarized, which has a certain guiding significance for the research of NDT of CFRP composites, and can help researchers quickly carry out the work related to NDT.</p> <p>2. The title of the article is suitable.</p> <p>3. The abstract needs to be improved to eliminate unnecessary information, and a summary and overview of the entire article should be added, such as what specific aspects of each NDT method are summarized in this article?</p> <p>4. (1) It is recommended to adjust the structure of the article and review it according to the development order of NDT technology or the classification of NDT to make the structure of the article clearer. (2) NDT and CFRP composites should be briefly introduced in the Introduction section.</p> <p>5. I think the manuscript is scientifically correct.</p> <p>6. (1) The reference list is few and not up-to-date articles, which should be added to the literature from the last 5 years. (2) Reference 22 is cited in the wrong format.</p> <p>7. The title of Figure 5 should be "FBG Sensor", not "FGB Sensor".</p> <p>8. In this article, the form of the illustration is inconsistent. For example, "fig 3", "fig-4", "figure - 9", etc. appear in the article.</p> <p>9. The font in the figure does not match the font in the text. For example, the font in Figure 2 is too small to read, and the font in Figure 10-b is blurred.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language/English quality of the article needs to be improved slightly.</p>	
<p>Optional/General comments</p>	<p>In this paper, 20 methods for NDT of CFRP composites are summarized, which have certain guiding significance for the study of nondestructive testing of CFRP composites. But the author needs to improve the abstract, preface and specific content.</p>	

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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>	

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