

Review Form 1.7

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_110354
Title of the Manuscript:	Mean wear approach for modeling and predicting wear for gears in plastics materials and their composites.
Type of the Article	Research article

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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> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>7. Other Comments</p>	<ol style="list-style-type: none"> 1. Yes 2. Yes 3. Yes 4. Numbering should be in one format (Roman or Numeral) 5. Yes 6. Correct format of reference and other suggested references are mentioned below: Kindly strictly follow the following format of reference: Forneau E, Bovet D. Recherches sur l'action sympathicolytique d'un nouveau dérivé du dioxane. Arch Int Pharmacodyn. 1933;46:178-91. https://doi.org/10.1016/j.ijimpeng.2022.104201 « Surname First later of name of author1, Surname First later of name of author2, Surname First later of name of last author. Title of the paper. Journal Name, Year of publication, Volume: Page no. from-to. Doi : Cite the following papers in your manuscript related to composite materials and wear. 1. Patel M, Pardhi B, Chopara S, and Pal M. "Lightweight Composite Materials for Automotive - A Review." International Research Journal of Engineering and Technology 2018:3 (11): 41–47. 2. Patel M, Singh MK, Sahu SK, "Abrasive Wear Behaviour of Sand Cast B4C Particulate Reinforced AA5052 Metal Matrix Composite", in: B. Deepak, D.R.K. Parhi, P.C. Jena (Eds.), Innov. Prod. Des. Intell. Manuf. Syst. Sel. Proc. ICIPDIMS 2019, Springer Singapore, Rourkela, 2020: pp. 359–369. https://doi.org/10.1007/978-981-15-2696-1_35. 3. Patel M, Sahu SK, Singh MK, "Abrasive wear behavior of SiC particulate reinforced AA5052 metal matrix composite", Mater. Today Proc. 33 (2020) 5586–5591. https://doi.org/10.1016/j.matpr.2020.03.572. 7. Modify according to following suggestions: 1. Replace all the "Matlab" by "MATLAB" 2. Provide any reference for first paragraph of the Introduction section. 3. In the literature of the manuscript where author name et al [i] format has been used kindly correct it as: 1. For single author paper, use Surname [i], 2. for two authors paper, use 	

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	<p>Surname of first author and Surname of second author [i], and 3. for three authors paper, use Surname of first author et al. [ij]. Note:1. Only use the capital letter for first letter of each surname. For example, you have used "Younes HERBA et al [21]" replace it by Herba et al. [21]. 2. Always use a dot after "et al".</p> <p>4. Author(s) have written "Methord :." instead of "Method:". Kindly correct it.</p> <p>5. Change the title of figure 1 by "Change in tooth shape with wear [11]".</p> <p>6. Change the title of figure 2 by "Acetal gear wear forms under loads of (a) 7 Nm and (b) 10 Nm [9]".</p> <p>7. Change the title of figure 3 by "(a) Schematic drawings of tooth profile change and (b) measurement of wear depth [13]</p> <p>8. Don't use any reference in conclusion section. You have written your conclusion in manuscript before the conclusion section. Kindly correct it.</p> <p>9. Conclusion should be more informative with based on your actual findings.</p>	
Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	No	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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