



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_32242
Title of the Manuscript:	Fuzzy graceful labelling for complete bipartite graphs
Type of the Article	Original Research 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.

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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)
Compulsory REVISION comments	1. Introduction is weak. Improve it. 2. Check carefully for the cases and subcases. (The Main Result). 3. The sections in this paper are not numbered. 4. Rewrite the reference.	1. I have changed the introduction. 2. I have checked the main result. 3. I have numbered the sections. 4. I have made the changes in the reference.
Minor REVISION comments		
Optional/General comments	1. Introduction is weak. Improve improve it. (The introduction in this paper is completely identical to the introduction in the paper: " R. Jebesty Shajila and S. Vimala , Fuzzy Vertex Graceful Labeling On Wheel And Fan Graphs, IOSR Journal of Mathematics, Volume 12, Issue 2 Ver. I (Mar. - Apr. 2016), PP 45-49)" 2. The notation in line 61 not clear. 3. Cite the following related papers and mention in introduction. • R. Jebesty Shajila and S. Vimala , Fuzzy Vertex Graceful Labeling On Wheel And Fan Graphs, IOSR Journal of Mathematics, Volume 12, Issue 2 Ver. I (Mar. - Apr. 2016), PP 45-49). • V. J. Kaneria, H. M. Makadia, M. M. Jariya and M. M. Jariya, Graceful Labeling for Complete Bipartite Graphs, Applied Mathematical Sciences, Vol. 8, 2014, no. 103, 5099 – 5104. 4. In the Main result (Theorem line 56), the proof is mathematically correct. The author divide the proof into 3 cases, please check carefully for the following: • In case (i). What about if $7 \leq m, n \leq 24$? • In case (ii). Replace the word (cases) in line 88 by (subcases).	1. I have changed the introduction. 2. In line 61, if the starting point f the vertex may be assigned $(mn)/100$, where $2 \leq m \leq 24$, $2 \leq n \leq 24$. 3. I have referred and mention in the introduction. 4. In theorem line 56, in case (i), If we take $m=7$ and $n=8$, since the vertex value we start with $(nm)/100$, u_7 will be 1.13 which is greater than 1 and v_8 will be 0.58. But in fuzzy labelling $v \rightarrow (0,1]$ is defined. So when we take $7 \leq m, n \leq 24$, the graph will not satisfy fuzzy graceful labelling conditions. 5. The same reason is applicable for all the other cases, sub cases and for remarks also. 6. I brought the graphs under related cases.



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	- In line 149 (Remarks), What about: - When $m=10$ and $n=5$ or $n=6$? - When $m=9$ and if $2 \leq m, n \leq 6$? And so on. (The author must check carefully to the cases and subcases.) 6. I prefer that the author write the graphs in his paper below the cases related to it and write the caption of the graphs. 7. The sections in this paper are not numbered. 8. Some grammatical errors. 5. Rewrite the reference. The introduction in this paper is completely identical to the introduction in the paper: " R. Jebesty Shajila and S. Vimala , Fuzzy Vertex Graceful Labeling On Wheel And Fan Graphs, IOSR Journal of Mathematics, Volume 12, Issue 2 Ver. I (Mar. - Apr. 2016), PP 45-49)"	7. I have numbered for the sections. 8. I have changed the reference. Thank you for your guidance and encouragement sir.
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