

**Review Form 1.7**

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_113793
Title of the Manuscript:	First Fit Algorithm; A Graph Coloring Approach to Conflict-Free University Course Timetabling
Type of the Article	

**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><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>1. Yes, the manuscript is important for the scientific community as it presents a method for conflict-free university scheduling with advantages over existing solutions. It utilizes graph coloring and first-fit algorithms, implemented in Python.</li> <li>2. Yes, the title of the article is suitable as it accurately reflects the key components of the study.</li> <li>3. Yes, the abstract of the article is comprehensive. It effectively summarizes the key objectives, methodology, and findings of the study.</li> <li>4. Yes, the subsections and structure of the manuscript appear appropriate, but the methodology section needs to be revised and improved.</li> <li>5. Based on the provided information, the manuscript appears to be scientifically sound. However, in the proposed Algorithm 1, the test 'if c equals -1' is ambiguous. Further explanation of the algorithm is needed for better understanding</li> <li>6. The references provided seem adequate for supporting the content of the manuscript. However, it is always beneficial to include the most recent literature relevant to the topic to ensure comprehensiveness and relevance.</li> <li>7. The algorithm 1 should be written out rather than presented as a figure.</li> <li>8. The obtained results are not well highlighted.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Yes, the language and English quality of the article seem suitable for scholarly communications.</p>	
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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