



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_25080
Title of the Manuscript:	DEVELOPEMENT OF ANT COLONY COMPUTER-AIDED OPTIMIZATION SOFTWARE AS A DECISION SUPPORT SYSTEM USING VISUAL BASIC STUDIO
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 <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>
<u>Compulsory</u> REVISION comments	The authors proposed a system based on swarm intelligence as a tool to analyse solid waste. A case study of the program was presented using a few nodes. The main short-come the reviewer see in this article is the lack of comparison with other methods. Even though the authors mention a previous publication and claim that the method proposed in this article is better, it would be useful that the authors compare the method with an established widely-used method such as neural networks for decision making and genetic algorithms for route optimization. This comparison will illustrate better the real contribution of the work.	1) An Evolutionary Algorithm from Microsoft Excel 2013 was employed to resolve the University of Port Harcourt four campus segments problem and results compared as shown in Table 5 and Figures 11a- d. The result showed that the proposed model compared favorably with the results of the evolutionary algorithm and has the advantage of small number of iterations for convergence and early stability.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		