

## Review Form 1.7

Journal Name:	Asian Journal of Advanced Research and Reports
Manuscript Number:	Ms_AJARR_97801
Title of the Manuscript:	Artificial Intelligence Utilized in 3D Printing Construction Technology
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.journalajarr.com/index.php/AJARR/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)
<b>Compulsory REVISION</b> comments 1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript) 2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title) 3. <b>Is the abstract of the article comprehensive?</b> 4. <b>Are subsections and structure of the manuscript appropriate?</b> 5. <b>Do you think the manuscript is scientifically correct?</b> 6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> <b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b>	1. The paper made more in to literature review rather than novel study that relate actual data analysed to reach outcome. However, it still a good paper to participate in the global knowledge about AI and 3DP. 2. The implementation of Artificial Intelligence in 3D Printing Industry. Such title will open to the writer wider space to include more fundamental beneficial data 3. Yes the abstract comprehensive however the shortcuts is not preferable in the abstract as some readers wont be able to understand these acronyms. 4. Yes however, little improvements will make the paper clearer and sharpen the information in it. I suggest to change the AI in countries to case studies that implemented 3DP through AI. 5. Yes indeed the 3DP would save, cost, time, and manpower, however I suggest to mention that government will have to change engineering disciplines in order to avoid the unemployment. Thus the 3DP is the future for construction industry. 6. I suggest to use Dr. Mohanad Akeila research papers which falls in the exact same discipline of the paper. You may write section about the shelter he developed using BIM and can be printed through 3D Printer. 7. I suggest an English proof reading. 8. I totally disagree with the author regarding the structural stability of the printed structures. There are very recent research papers confirm that the stability of single story 3DP house are the same of normal constructed house. 9. Please refer to my comments on the research paper.	
<b>Minor REVISION</b> comments 1. <b>Is language/English quality of the article suitable for scholarly communications?</b>	The English level was good however a professional proof reader will enhance the English level. I have mark some sentences need paraphrasing as the meaning is not clear.	
<b>Optional/General</b> comments		

### 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)
<b>Are there ethical issues in this manuscript?</b>	(If yes, Kindly please write down the ethical issues here in details)	

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**Reviewer Details:**

Name:	<b>Mohanad Akeila</b>
Department, University & Country	<b>Swinburne University of Technology, Australia</b>