

Review Form 3

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_129756
Title of the Manuscript:	GENDER DETECTION USING MACHINE LEARNING BASED ON FINGERPRINTS: REVIEW
Type of the Article	

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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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer’s comment	Author’s Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The paper presents a review of some of the machine learning techniques that have been used in detecteting gender based on finger prints.	Thanks for the comments.
Is the title of the article suitable? (If not please suggest an alternative title)	No Machine Learning based Finger Print Analysis for Gender Detection	Thanks for the comments.
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The authors should mention the names of significant machine learning techniques that are mentioned in the survey table for gaining interest of readers. The abstract is very generic and needs to be re-written mentioning the stages in finger print analysis.	Noted . thanks for the suggestions
Is the manuscript scientifically, correct? Please write here.	Good references were included and mentioned in the paper. Though scientifically correct but is lacking scientific temper. Mathematical equations explaining some of the highlighted ML techniques could be provided in the paper. The paper lacks justification in terms of finger print analysis terminologies and its use.	Noted and added
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Some more references could be explored, as it is a review paper. Kindly add 47+ references.	

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Is the language/English quality of the article suitable for scholarly communications?	Yes	Thanks for the comments.
<u>Optional/General</u> comments	Mathematical equations for identifying core, ridges, delta, etc of a finger print analysis system should be given. The authors should in generic provide the steps of data pre-processing, data balancing etc needed with finger print analysis in specific . Though table 1 explains and lists some of the ML techniques used for this problem, but mathematical equations explaining or highlighting some of these systems could be provided for the readers to gain knowledge on how the system works. Authors should provide appendix or mention for additional material where datasets can be accessed for solving this problem. Authors should highlight challenges and limitatons of the systems summarized and conclude with possible research gaps in this area.	Noted and revised.

PART 2:

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