



REVIEWER'S REPORT

Manuscript No.: IJAR-56850

Title: Deep Learning enabled Deepor Beel Migratory bird Detection system.

Recommendation:

- Accept as it is
- Accept after minor revision.....**
- Accept after major revision
- Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality			✓	
Clarity			✓	
Significance		✓		

Reviewer Name: Dr. Gulnawaz

Reviewer's Comment for Publication.

The manuscript presents a relevant and timely study on the application of deep learning techniques for migratory bird detection in Deepor Beel, an ecologically significant wetland. The topic is important, particularly in the context of biodiversity conservation and the integration of modern technologies such as CNN and YOLO for wildlife monitoring. The paper successfully highlights the limitations of traditional monitoring methods and proposes an automated system with practical applicability.

However, the manuscript requires **minor revisions** before it can be considered for publication. The overall structure is acceptable, but there are several issues related to language, grammar, and sentence construction throughout the paper, which affect readability and clarity. The technical explanation of the proposed model is generally sound, but it lacks depth in certain areas, particularly in model implementation details, dataset specifications, and experimental validation.

Additionally, the paper does not provide any empirical results, case studies, or performance comparisons, which are essential to support the effectiveness of the proposed system. Including quantitative results (e.g., accuracy, mAP values, dataset size, training parameters) would significantly strengthen the technical quality of the work. Some sections also contain repetition and could be made more concise.

The references are relevant but should be formatted consistently. Minor formatting issues and typographical errors should also be corrected.

Overall, the manuscript has good potential and addresses an important problem, but requires improvements in clarity, technical depth, and presentation.