

[Review Form2](#)

Book Name:	Scientific Research, New Technologies and Applications
Manuscript Number:	Ms_BPR_3679
Title of the Manuscript:	Detection of Jellyfish attack in MANETs using Machine learning
Type of the Article	BOOK CHAPTER

PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Best and advanced topic for the book.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This chapter demonstrates scientific correctness and technical soundness by grounding its discussions in well-established concepts and protocols related to MANETs, such as AODV routing, TCP mechanics, and common network attacks like black hole and jellyfish attacks. The inclusion of pseudocode and detailed simulation setups using NS2 adds to its credibility by showcasing practical implementation aspects. Furthermore, the use of machine learning for attack detection is supported by references to recent and relevant research, ensuring that the methodologies align with current trends in the field. The results and discussions are presented with clear metrics, such as throughput and packet delivery ratios, which are standard in evaluating network performance, further affirming the scientific rigor of the work.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Add few more latest references .	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>English is good.</p>	
<p>Optional/Generalcomments</p>	<ol style="list-style-type: none"> 1. Clearly define the scope of your work in the abstract. Focus more on your contributions and less on general information about MANETs. 2. Expand on the motivation behind using machine learning for attack detection in MANETs. 3. Provide clearer transitions between the discussion of routing protocols and the attacks. 4. Define terms like AODV and MANET upfront for readers who might not be familiar. 5. Include a brief summary table comparing the three attacks (Jellyfish, Selfish, Black Hole) based on their characteristics and impacts on network performance. 6. Elaborate on the implications of these attacks with examples or use cases where they have been observed. 7. The pseudocode is clear but could use additional inline comments for better readability. 8. Ensure proper alignment and syntax highlighting to make the code more visually appealing. 9. The parameters are detailed, but a visual representation (e.g., a table or diagram) showing the simulation setup would enhance understanding. 10. Discuss the statistical significance of your results to emphasize the reliability of the findings and consider adding a section on the limitations of your simulations. 11. The conclusion should summarize key findings more explicitly and add a few specific examples of future applications, such as their use in IoT networks or smart transportation. 	

PART 2:

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

Reviewer Details:

<p>Name:</p>	<p>Vivek Arya</p>
<p>Department, University & Country</p>	<p>Chandigarh University, India</p>