

## Review Form 1.7

Journal Name:	Asian Journal of Research and Reviews in Physics
Manuscript Number:	Ms_AJR2P_97521
Title of the Manuscript:	STUDY ON ELECTROPHYSICAL PROPERTIES IN KMnO <sub>4</sub> -DOPED GRADE "XORAZM-150" COTTON FIBERS
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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

<https://www.journalajr2p.com/index.php/AJR2P/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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</li> <li>2. Is the title of the article suitable? (If not please suggest an alternative title)</li> <li>3. Is the abstract of the article comprehensive?</li> <li>4. Are subsections and structure of the manuscript appropriate?</li> <li>5. Do you think the manuscript is scientifically correct?</li> <li>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>1. This manuscript investigates the electrophysical properties of cotton fibers before and after doping with potassium permanganate. Electrical conductivity can be Based on this, in the future it will be useful to conduct further research on the electrical-physical properties of CF as well as in the manufacture of discrete elements of electronic devices (smart clothing technology).determined from the flow of charge from electron-hole recombination.</li> <li>2. The most important part of the manuscript to attract attention is the title. All the information contained in this manuscript has been written in such a way that the title conveys it.</li> <li>3. The abstract, which is an important part of the manuscript, is written in simple words in an understandable manner.</li> <li>4. The manuscript is perfectly designed and all the subsections in the manuscript are well arranged and structured properly with appropriate guidelines.</li> <li>5. This manuscript imparted the electrophysical properties of cotton fibers when they undoped and doped with potassium permanganate (KMnO<sub>4</sub>). In addition it explains the electron – hole pair mechanism with help of charge transferring process between KMnO<sub>4</sub> molecules and polymer networks. This manuscript scientifically correct because by obeying ohm's law it is showcased high electrical conducting behaviour of doped cotton fibers.</li> <li>6. All the incorporated references are well connected with body of the manuscript and all are collected from recently studied articles/ journals only.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. Is language/English quality of the article suitable for scholarly communications?</li> </ol>	Yes, language in this manuscript is very congenial and suitable to scholarly communications	
<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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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