



**SDI Review Form 1.6**

Journal Name:	<a href="#">Current Journal of Applied Science and Technology</a>
Manuscript Number:	Ms_CJAST_63720
Title of the Manuscript:	Femtosecond pulse propagation in optical fibers under higher order effects: a moment method approach
Type of the 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:

(<http://www.sciencedomain.org/journal/10/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</b> REVISION comments	The manuscript is devoted to investigate the normalized (RKL) model of a higher order nonlinear Schrodinger equation for the propagation of femtosecond pulse (1). The authors have used the moment method. Furthermore, they applied the fourth order Runge-Kutta method for numerical simulations and discussed with some graphics. In this manuscript, some minor revisions are needed:	OK
<b>Minor</b> REVISION comments	<ul style="list-style-type: none"> <li>Spelling mistakes should be corrected such as "futur, telecommunicatin" in introduction. All work should be reviewed from the beginning and necessary arrangements should be made.</li> <li>Unnecessary spaces should be deleted such as "dispersive <b>effect</b> ;" and so on.</li> <li>Parentheses must be removed in the next use of the NLSE abbreviation.</li> <li>Substitute <b>t</b> for <b>z</b> in terms first and third to the right of equation (1.8).</li> <li>In the second equation in system (2.2), the second term (in <math>dT/dz</math>) should be checked. If there is a deficiency, it is corrected.</li> <li>Tau is not clearly visible in the figures. It should be clarified a little.</li> <li>In the references section, references with some missing information should be completed (such as [24]).</li> <li>There are uncited references in the text.</li> </ul>	<ul style="list-style-type: none"> <li>.Spelling mistakes are corrected.</li> <li>Unnecessary spaces are deleted</li> <li>Parentheses are removed in the next use of the NLSE abbreviation.</li> <li>Z is Substitute by <b>z</b></li> <li>In the second equation in system (2.2), the second term (in <math>dT/dz</math>) is checked. There's no mistake</li> <li>We have recompiled the file to make the tau parameter clear</li> <li>References are completed</li> <li>The uncited references are completed</li> </ul>
<b>Optional/General</b> comments	This manuscript need a minor revision. Revised version of the manuscript will be recommended for publication in the journal.	



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>	