



# Certificate

International Multidisciplinary Recognized Research Journal  
ISSN 2231-5063      Impact Factor 2.2052 (UIF)  
RNI: MAHMUL 2011/38887

## Golden Research Thoughts

This is to certify that our Editorial, Advisory, and Review Board Accepted Research Paper of Dr.  
/Shri. /Smt.: **Krishna Verma** Topic:- **Estimation Of Polar Moment Of Inertia Of L And T Shape Beams**  
**Using Matlab** College:- **Sharda University, Greater Noida**. The Research paper is Original & Innovative  
it is Done Double Blind Peer Reviewed. Your Article is Published in The Month of **June** Year 2014



**Laxmi Book Publication**  
258/34, Raviwar Peth, Solapur-413005 Maharashtra India  
Contact Detail: +91-0217-2372010 / 9595-359-435  
e-Mail: ayisrj2011@gmail.com  
Website: www.isrj.net

Authorised Signature  
**T. N. Shinde**  
Editor-in-Chief

## Author's Profile



**Krishna Verma**  
Uttar Pradesh

Present Designation: B.Tech (Automobile) Student, School of Engineering & Technology, Sharda University, Greater Noida.

Education: B.Tech.

### Short Profile :

Krishna Verma is , BRANCH – AUTOMOBILE ENGINEERING , B.Tech (Automobile) Student in School of Engineering & Technology , Sharda University, Greater Noida.

Contact Us:  
Laxmi Book Publication  
258/34m Raviwar Peth, Solapur-413005 India  
Contact: +91-217-2372010 / 9595-359-435  
e-Mail: ayisrj2011@gmail.com  
Website: www.isrj.net

Authorized Signature

  
Rajani Kota  
Review Editor




Happy Writing...

## Article Review Report

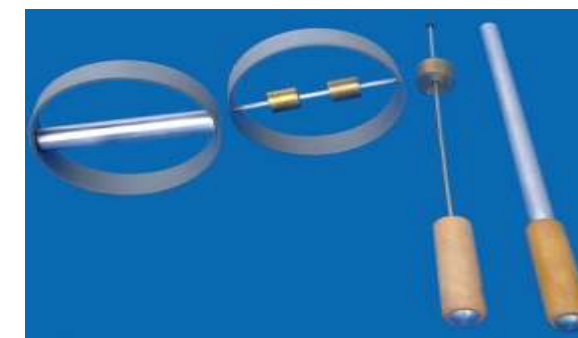


# Golden Research Thoughts

International Recognition Multidisciplinary Research Journal  
DOI Prefix : 10.9780      ISSN 2231-5063  
Journal DOI : 10.9780/22315063      Impact Factor : 2.2052 (UIF)

ORIGINAL ARTICLE	Your Article QR Code
Received : 15 <sup>th</sup> May .2014,      Published: 1 <sup>st</sup> June.2014	 <small>See your article on mobile</small>

Vol. III, Issue : XII, June. 2014  
**ESTIMATION OF POLAR MOMENT OF INERTIA OF L AND T SHAPE BEAMS USING MATLAB**



==::Your article is deposited in::=					DRJI
<b>GO ARTICLE</b> <small>(United States)</small>	<b>DOAJ</b> <small>(Sweden)</small>	<b>ZOTERO</b> <small>(United States)</small>	<b>GOOGLE SCHOLAR</b> <small>(United States)</small>	<b>CITULIKE</b> <small>(United States)</small>	<b>MY NET RESEARCH</b>
<b>DIGG</b> <small>(United States)</small>	<b>MENDALEY</b> <small>(United Kingdom)</small>	<b>DELECIOS</b> <small>(United States)</small>	<b>FIGSHARE</b> <small>(United States)</small>	<b>ENDNOTE</b> <small>(Ireland)</small>	Easybib.Com <small>(United States)</small>

### Correspondence to, **Krishna Verma**

B.Tech (Automobile) Student, School of Engineering & Technology ,Sharda University, Greater Noida.

Happy Writing...

### ABSTRACT:

Through this paper an idea is generated for the estimation of polar moment of Inertia .The relation of polar moment of inertia with the twisting of material and its role in reducing the twisting effect is elaborated. In this section finding the polar moment of inertia of rectangular lamina in the shape of L and T is to be analyzed by the coding in the MATLAB software.

Abstract Report: The Title Accurately Said The Study was About.

### INTRODUCTION:

The first moment of a force about any point is defined as the product of the force and the perpendicular distance between them. If the distance again multiplied by the first moment of inertia then it would be called as second moment of force. But instead of force if area is to be considered then it would be called as second moment of area, or if mass is considered then it would be called as second moment of mass. It is also termed as moment of inertia (second moment of area).Polar moment of inertia is the beam's (circular) ability to resist twist.

Introduction Report: The aim of the study clearly defined and consistent with the rest of the manuscript.

### METHODS & MATERIALS:

Must add methods and materials in your article.

Methods & Materials Report: methods and materials reports are blank.

### DISCUSSION:

Must add discussion in your article.

Discussion Report: discussion report is blank.

### REFERENCES:

- Er. R.K Rajput : Strength of materials (2012).

Reference Report: There are Places where the Author Krishna Verma Need to Cite a Reference, but Have Not

### RECOMMENDATIONS:

Abstract Report: Introduce New Regular For Content & Communication.

### SUMMARY OF ARTICLE:

	Very	High	Average	Low	Very Low
1. Interest of the topic to the readers		✓			
2. Originally & Novelty of the ideas	✓				
3. Importance of the proposed ideas		✓			
4. Timelines			✓		
5. Sufficient information to support the assertions made & conclusion drawn					
6. Quality of writing(Organization, Clarity, Accuracy Grammer)	✓				
7. References & Citation(Up-to-date, Appropriate Sufficient)			✓		

This Article is Innovative & Original, No Plagiarism Detected

### Future Research Suggestions

This Article can expand further research for MINOR/MAJOR Research Project at UGC



### Future Research Planning :

1. 4th INTERNATIONAL CONFERENCE On Software Solutions, E-Learning, Computer Sciences, Information and Communication Technology (SECICT- 2014) ([http://www.krishisanskriti.org/itcs\\_conference.html](http://www.krishisanskriti.org/itcs_conference.html))
2. 1st to 3rd July 2014 A Coruna, Spain Advances in Fluid Mechanics 2014 (<http://www.wessex.ac.uk/afm2014>)
3. 2014 3rd International Conference on Civil Engineering and Materials (ICCEM 2014) (<http://www.iccem.org/>)
4. International Conference On Advances in Mechanical, Aeronautical and Production Techniques – MAPT (<http://mapt.theired.org>)

