



# Certificate

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## Golden Research Thoughts

This is to certify that our Editorial, Advisory, and Review Board Accepted Research Paper of Dr. /Shri. /Smt.: **S. Srinivasa Ravi Sankar and Ch.Venkata Rajesh** Topic:- **Increasing Reliability Of Processor By Optimum Utilization Of Thermionic Sink** College:-**Department Of Mechanical Engineering Sree Venkateswara College Of Engineering, North Rajupalem, Nellore, A.P.** The Research paper is Original & Innovative it is Done Double Blind Peer Reviewed. Your Article is Published in The Month of **August** Year 2014



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 Rajani Kota  
 Review Editor

**How to Write Articles-**

Here are a few basic steps to take to craft an interesting, informative article.

**Method 1 of 3: Come Up With An Idea**

1. Get to know your audience. Decide who you need to write for before proceeding with planning or writing an article. Identify the needs of your readership. What do your readers need to know? How does your own knowledge matchup against the information they need? This will be the easiest way for you to find a topic to write about
2. Be unique. If you are writing an article about something that other people are also writing about, try to be unique in how you approach the material
3. Be passionate. You should care about the topic you choose to write about. Your enthusiasm will show in your writing and it will be much more engaging for your readers

**Method 2 of 3: Research Your Idea**

1. Learn the basics. Get the general explanation of whatever you are trying to write about. This will give you a basic framework for what to look for as you research.
2. Find reliable sources. Now that you know what to look for, research your topic. You can use the internet, a library, conduct interviews, watch documentaries, or whatever you feel is appropriate to teach you everything you need to know about your topic. Be an expert!
3. Get different types of material. During your research, look for material that isn't text. This can be used or altered to add to your article.

**Method 3 of 3: Write Your Article**

1. Decide your length. Does this article have a word count? Do you need to fill a certain number of pages? Consider what type of content you're writing about and how much space that can fill, as well as how much needs to be written in order to cover the topic adequately, before proceeding with writing your article.
2. Outline your article. Before you begin formal writing, you will want to outline your article.
3. Edit your work. Before you submit your work, you will want to do some editing and revision. If time allows, wait for a day or two before editing
4. Respect the rights of other writers. If you are using information from an external source, be sure to cite the source at the bottom of the article.
5. Submit your work. When you've finished, submit your work in the appropriate manner.

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Happy Writing...

Happy Writing...

**ABSTRACT:**

The heat pipe is widely used because of its amazing heat transfer rate. Since last decade heat pipes became more popular because of its wide applications in cooling systems. Manufacturers like Asia Vital Components now have their own heat pipe manufacturing facilities.

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

**INTRODUCTION:**

The heat pipe operating principle is that a liquid is heated to its boiling point, vaporizes and gives of useful heat, condenses and returns to the heat source. The heat pipe is a closed and operates in vacuum.

**Introduction Report:** This Article Include Full Introduction, Methods, Results & Introduction Section.

**METHODS & MATERIALS:**

Must add methods and materials in your article.

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

**RESULT:**

Must add result in your article.

**Result Report:** Result reports is blank.

**CONCLUSION:**

The fabrication of heat pipe has been carried out and experiments were done comparing with heat pipe and heat sink of the computer processing unit (CPU). The temperature without using heat pipe is reduced from 64oC to 46oC and by introducing heat it is reduced further to 36oC.

**Conclusion Report:** The Text is Rounded off with a Conclusion that Discusses the Implication of The Findings & Ideas Discussed & Their Impact on Future Research Direction.

**REFERENCES:**

- Douglas.G.Granford and R.R.Verderber – Marinating optimum light output with a thermally conductive heat pipe – IEEE transactions - 1990 – VOL.26 no.4, page no. 627 – 631.
- Y.cao and M.cao and J.E.Beam. “Experiments and analyses of flat minimature heat pipes” – BMDO’s Innovative science and technology office – 1996 – IEEE transactions – 42 VOL page no.1402 - 1409.
- Thang Naugen and Rex Boggs – “Advanced cooling system using minimature heat pipes in mobile PC’s” - Inter society conference on thermal phenomena – 1998 – IEEE transactions – page no.507 - 511.
- Heat & Mass Transfer – Sachdev,Heat & Mass Transfer- K.Kannan, page no:86-105

**Reference Report:** There are Places where the Author S. Srinivasa Ravi Sankar and Ch.Venkata Rajesh 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



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**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>)

Happy Writing..

S. Srinivasa Ravi Sankar and Ch.Venkata Rajesh

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