

Guide Lines for Submission of Abstracts

1. The last date for submitting Abstract is 28 July, 2017
2. Paper should be submitted in Microsoft Word document form
3. It should be in an A4 format with 2.5 cm margins Left, Right, Top and Bottom
4. Use Times New Roman style for the text
5. All text paragraphs should be single spaced, with first line indented by 10 mm
6. Paper should contain the following components:-
 - a. Title of the Paper (Font size – 14 in Times New Roman, Bold)
 - b. Authors' details: Names, (Font size – 12), Affiliation, Email (Font size – 9)
 - c. Abstract (Maximum 300 words, Font size 10)
 - d. Keywords (Max 6 words, *italic*, Font size 10)

Abstract Template - Sample

1 Blank line with 10 font

HEADING: Times New Roman 14, Upper Case Bold, Single Line Spacing

2 Blank lines with 9 font

Author Names : Times New Roman 12 , Upper Case Bold

1 Blank line with 9 font

Designation, Organisation, etc.: Times New Roman 9, Regular

1 Blank line with 9 font

E-mail.: Times New Roman 8, Regular

2 Blank lines with 9 font

Abstract: Times New Roman 10, Title Case Bold

Paragraph Indent Left 15.24 mm (0.6”) & Right 15.24 mm (0.6”)

Abstract Text: Times New Roman 10, Regular

1 Blank line with 9 font

Keywords: Times New Roman 10, Title Case Bold (contents: Times New Roman 10, Title Case Regular)

HEAT TRANSFER AND FRICTION SOLAR AIR HEATER DUCT WITH RIBBED ABSORBER PLATE

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Abstract

In the present work, investigations are made to study heat transfer and friction characteristics for forced convection flow of air in solar air heater rectangular duct with artificial roughness on the absorber plate. Correlations for the Stanton number and friction factor have been developed as a function of geometrical parameters of roughness elements and flow Reynolds number for both smooth and roughened absorber plate rectangular ducts. By using these correlations, effect of various parameters on heat transfer and friction in solar air heater duct with roughness on absorber plate is determined and compared with that of smooth one under similar flow conditions.

Keywords: Heat Transfer, Artificial Roughness, Ribbed Absorber Surface, Solar Air Heater