



# RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074



## Department of Mechanical Engineering

Laboratory Name	: Heat Transfer Lab
Room No./Hall No.	: LG07
Area	: 158 m <sup>2</sup>
Layout	<p style="text-align: center;"><b>Department of Mechanical Engineering</b> <b>Heat and Mass Transfer Laboratory Layout</b></p> <p style="text-align: right;">Area = 158m<sup>2</sup></p> <p>The diagram shows a rectangular laboratory layout with dimensions 15.2 Mtr. by 10.4 Mtr. The layout includes the following components:</p> <ul style="list-style-type: none"> <li><b>Top Row (from left to right):</b> Air Condition &amp; Test Rig, Stefan Boltzman, Dropwise &amp; Filmwise Condensation, Refrigeration Test Rig, Book Shelf.</li> <li><b>Left Wall:</b> WRITING BOARD.</li> <li><b>Center:</b> Students Seating (arranged in two rows of five desks each), Staff Table.</li> <li><b>Right Wall (from top to bottom):</b> ENTRY, Unsteady Heat Transfer, Composite Wall, Metal Rod.</li> <li><b>Bottom Row (from left to right):</b> Heat Exchanger, Natural Convection, Emmissivity, Pin Fin, Forced Convection.</li> </ul>
Link to geo tagged photos	<p>ME Heat Transfer Lab-LG07 RajaRajeswari College of Engineering, Bengaluru, Karnataka 560074, India Lat N 12° 53' 10.986" Long E 77° 26' 59.4456" 23/09/21 10:03 AM</p> <p>GPS Map Camera 147° SE 36.0 μT</p>



## Department of Mechanical Engineering

### Photos

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### List of Equipment's

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Sl. No.	Name of the Equipment's	Qty.
1	Pin Fin Apparatus	01
2	Natural Convection Apparatus	01
3	Force Convection Apparatus	01
4	Emissivity Measurement Apparatus	01
5	Parallel Flow and Counter Flow Apparatus	01
6	Thermal Conductivity of Metal Rod	01
7	Composite Wall Apparatus	01
8	Stefan Boltzman Constant Apparatus	01
9	Drop/ Film Wise Condensation Apparatus	01



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		10	Vapour Compression Air Refrigeration Test Rig	01
		11	Vapour Compression Air Condition Test Rig	01
		12	Transient Conduction Apparatus	01

  
Professor & Head  
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