



## Department of Mechanical Engineering

<b>Laboratory Name</b> :	Foundry and Forging Lab
<b>Room No./Hall No.</b> :	LG02
<b>Area</b> :	199.9 m <sup>2</sup>
<b>Layout</b> :	
<b>Link to geo tagged photos</b> :	<p>ME Foundry and Forging Lab -LG02 RajaRajeswari College of Engineering, Bengaluru, Karnataka 560074, India Lat N 12° 53' 10.986" Long E 77° 26' 59.4456" 23/09/21 09:42 AM</p>



## Department of Mechanical Engineering

### Photos



### List of Equipment's

Sl. No.	Name of the Equipment's	Qty.
1	Moldings Boxes (12x12x4)	15
2	Dumbbells Split 6Ø	10
3	Single pieces pattern 6Ø	05
4	Split pattern grooved pulley	05
5	Round rammer, peen hammer, rectangular trowel Leaf trowel, lifter cleaner, vent wire, draw spicks, smothers, small leaf, Runner, Riser, Small cleaner, slick cleaner, all in the GI kit	10kit
6	Sand Sieve 1/8 HP single phase	01
	Sand Rammer with attachments	01
7	Permeability Tester water tank manometer, permeability chart and two orifices and siphon unit	01
8	Universal Sand Strength Testing Machine with compression, shear & Tensile attachment	01
9	Spirit Level	02
10	Mould Permeability Tester	01



# RajaRajeswari College of Engineering



(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)  
#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru - 560074

## Department of Mechanical Engineering

11	Smithy Chimney Mild Steel Fabricated, with 2 HP Motor	04
12	Smithy Furnace 3x3'	04
13	Round Tongs	10
14	Flat Tongs	10
15	Bent Tongs	10
16	Hammers	10
17	Flatters	05
18	Swage (Top)	05
19	Swage (Bottom)	05
20	Upsetting Tongs	05
21	Shovels (Kite Brand)Std. Size	05
22	Shovels (Kite Brand) small	05
23	Swage Blocks cast iron 50kg	02
24	Sledge Hammers 2.5 kg	10
25	Anvils 50kg	05
26	Inter connecting pipes blower to furnace	04
27	Centrifugal Blower 5HP 2880rpm	01
28	Fokker	05
29	Crucible 20kg capacity (graphite)	01
30	Core Hardness Tester	01
31	Mould Hardness Tester	01
32	Clay Content Tester	01
33	Rapid Moisture Tester	01
34	Heat Treatment Furnace	01
35	Digital weighing balance 0.1grm accuracy	01
36	Flat Tongs	10
37	Half Round Tong	10
38	Square Tong	05
39	Upsetting Tong	10
40	L P G smithy furnace	02
41	LPG cylinder with gas (19kg)	03
42	Digital Universal Strength test machine	01
43	Welding machine 20v-250 vats	01
44	Welding machine oil cooled	01
45	Welding shield with glass	02
46	Welding goggles	05
47	Flat tongs	01
48	Welding wire brush	01
49	Welding gloves	01
50	Welding cable	01
51	Welding holder	02
52	Earthing clamp	01
53	Apron	01

  
Professor & Head  
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