

<b>1.</b>	Lab Name	Fluid and Thermal Engg Lab
<b>2.</b>	In-charge	Dr. Sunil Chandel
<b>3.</b>	Associated Members to the Lab: RAs , PhD Scholars/ Technical Staff	1. Ravi Motankar, Tradesman PhD Scholar: 01 M Tech students:04
<b>4.</b>	Contact Details	02024304202 (Lab. In-charge)
<b>5.</b>	Infrastructure Specs (H/W, S/W)	1) 30 Channel Data Acquisition system 2) ANSYS Academic Software
<b>6.</b>	Area in sq units (optional)	35 Sq mtrs
<b>7.</b>	Lab Facilities	1. 3D PIV SYSTEM 2. Cross Flow Heat Exchanger 3. Micro-manometer 4. Thermal Imaging Camera 5. Air Flow Calibrator 6. Radiation HT Unit 7. Boiling Heat Transfer Unit 8. Exhaust Gas Analyser 9. Metacentre Apparatus
<b>8.</b>	Consultancy / Services Offered	All equipments are available for Consultancy and Research work
<b>9.</b>	Complete & On-going Projects (Details)	Completed R&D projects: 01 M Tech Projects: 15 PhD Work: 02
<b>10.</b>	Collaborations (with DRDO lab, IISER, TATA, TCS, etc)	<ul style="list-style-type: none"> <li>• Indian Navy</li> <li>• NSTL</li> <li>• MDL, Mumbai</li> <li>• Hindustan Shipyard Ltd</li> <li>• Goa Shipyard Ltd</li> <li>• ARDE</li> <li>• R&amp;DE</li> <li>• VRDE</li> <li>• GTRE</li> <li>• ADE</li> </ul>
<b>11.</b>	Intellectual Outcome: publications/ patents/ etc..	Paper Published: 20 Patents: 01 filed
<b>12.</b>	Mentors Associated: (Like Dr. APJ Abdul Kalam, etc..)	xxx
<b>13.</b>	Any other relevant data	xxx