

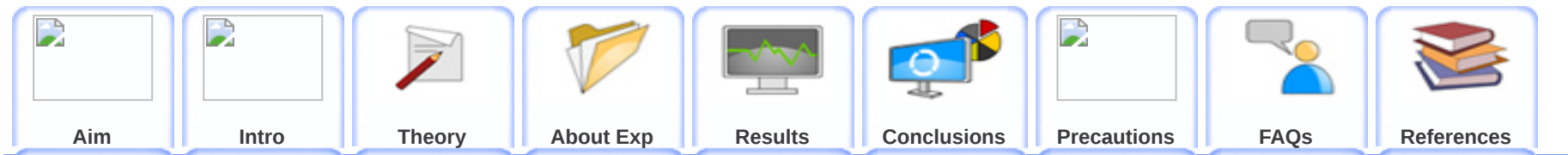


Virtual Combustion and Atomization Laboratory IIT Kanpur



[Home](#) [About Us](#) [List Of Experiments](#) [Contact Us](#) [Feedback](#)

Expt 4:



Precautions

- Ensure that the fuel line is leak proof.
- Experiments should be conducted in a ventilated room.
- Keep a fire extinguisher near the experimental setup.
- Switch on the exhaust fan before conducting experiments.
- Ensure that the control valves are functioning properly.
- The fuel flow rate has to be set to a minimum value initially using the control valve and ignited at the burner exit with the help of an igniter.
- The fuel supply has to be stopped when the fuel jet is not getting ignited for a considerable time. Then the burner should be purged with air to avoid accumulation of unburnt fuel.