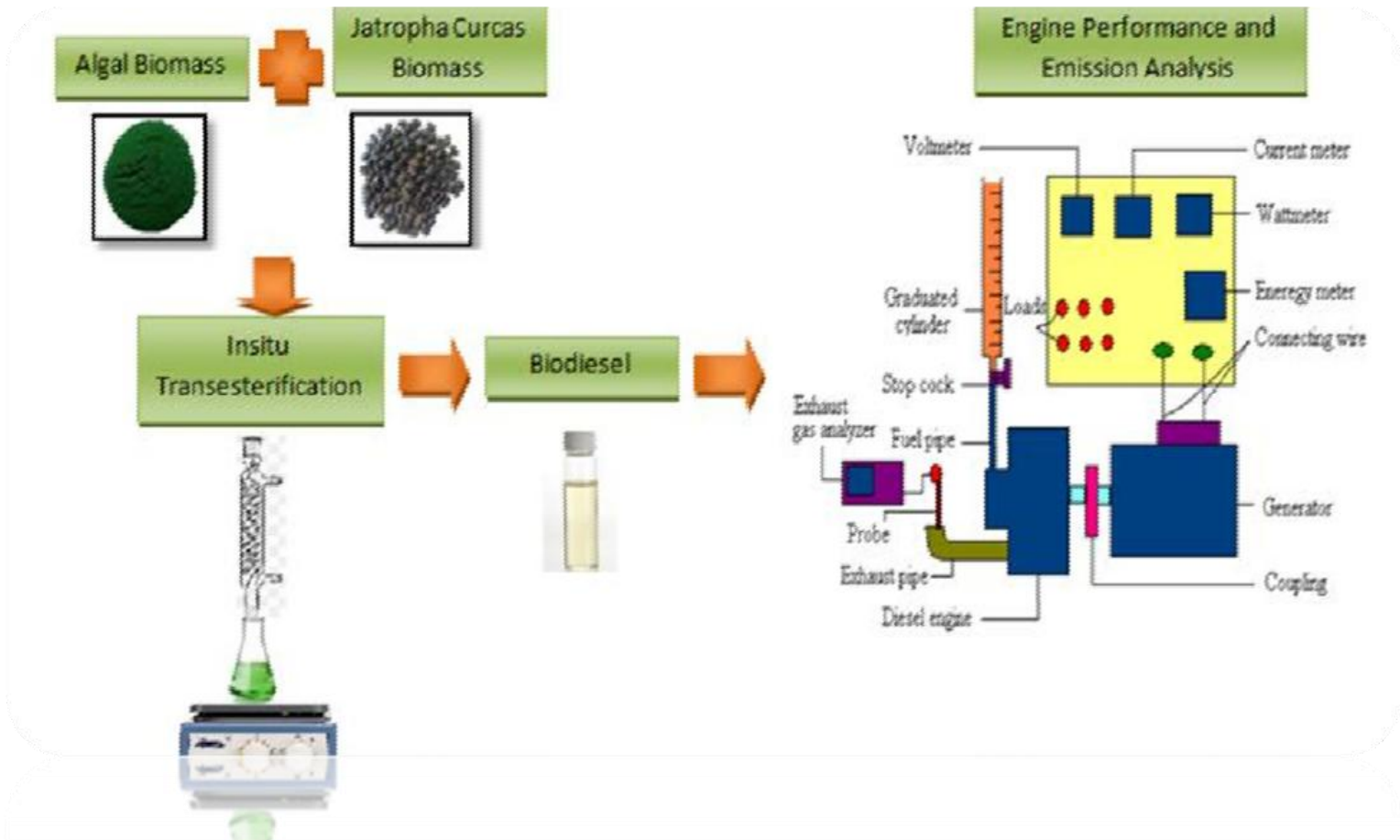


# Research Activities

## Advance Laboratory

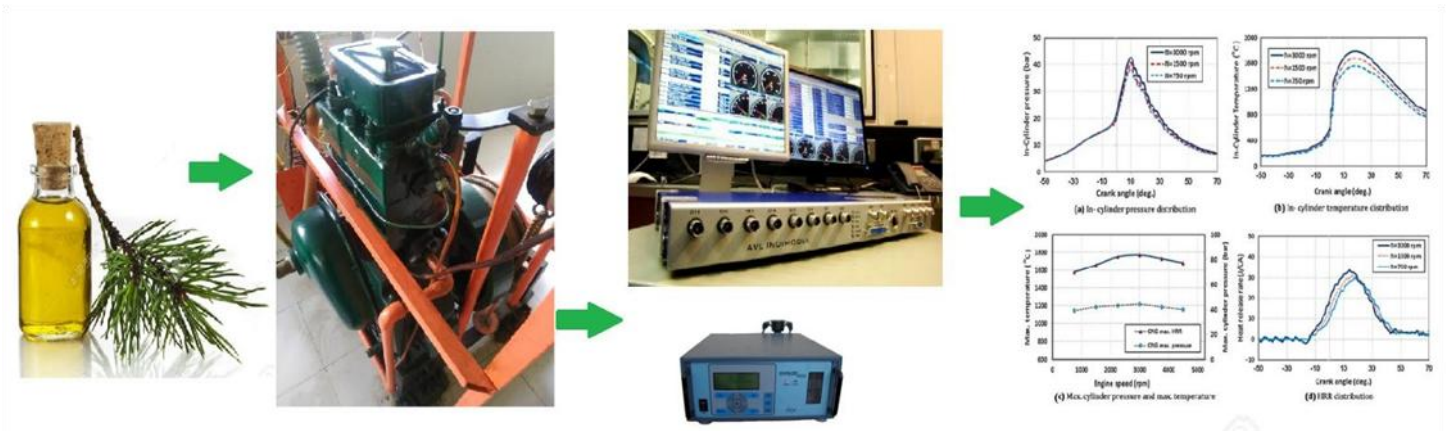
### BIO-FUEL RESEARCH LABORATORY



**LOW TEMPERATURE INSITU TRANSESTERIFICATION OF DRY ALGAE AND DRY JATROPHA SEEDS AND PERFORMANCE EVALUATION OF IC ENGINE USING BIODIESEL**

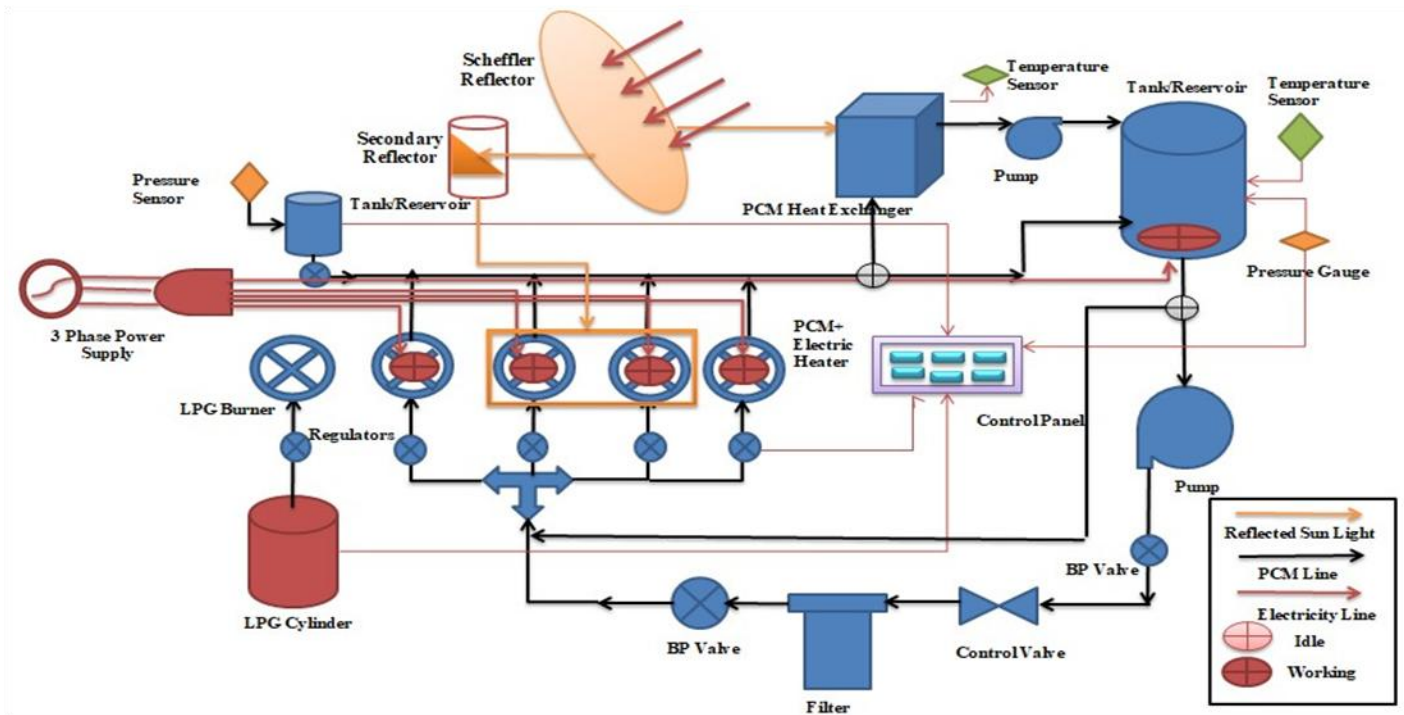


## IC ENGINE LABORATORY



Combustion, Performance and Emission Analysis of Pine oil based Biodiesel fueled DI Diesel Engine

## SOLAR ENERGY LABORATORY



Smart hybrid solar kitchen (for households and community cooking in Uttarakhand)

# Patents (2019)

**1. Biodiesel composition and a method of preparation there of**

Applicant: Dr Siddharth Jain, Mr Akshay Garg

Year of filing: 2019

Year of publication: 2019

Indian Patent Journal No. 51/2019 Dated 21/12/2019, Page No. 61176

Application: 201911050683A

**2. Water Purification System Applicant: Dr.Siddharth Jain**

Year of filing: 2019

Year of publication: 2019

Indian Patent Journal No. 32/2019 Dated 09/08/2019, Page No. 35259

Application: 201911031032A