**Technology category**: Energy, lighting and fuel

**Title:** PYRO multi purpose stove for commercial and institutional cooking

**Year of development**: 2012-13

**Introduction: PYRO MP stove**

The multi-purpose (MP) stove is a versatile stove designed to cook all kinds of food and meet needs of roasting, boiling and frying. It is designed in a range of sizes to cook meals, fry chips etc. It is ideal for big and small street food vendors, institutions, canteens, messes for sweet and snack makers especially in small towns and peri urban areas. PYRO MP stoves are designed for flat bottom vessels and frying pans with diameters from 40 cms to 99 cms.

**Image:**



**Developed by:** Svati Bhogle and VeluforTIDE

**Advantages**:

* Fuel saving of 40% over conventional stoves and so reduces cooking cost.
* Burning rate 3 kg / hr
* Durable life of stove-more than 5 years
* Presence of air-vents to regulate fuel burning rate
* Lined with cold face insulation bricks to prevent heat loss
* Available with chimney to expel min.release of smoke away from the cook and diners

**Features:**

Suitable when cooking in a kadai, or any other vessel for deep frying, rice –cooking , curry making

Multipurpose/multifuel stove

\*Can use firewood, briquettes and charcoal but with suitable attachments

\* Available in 5 different cooking capacities for cooking 70-450 meals

\*Versatile for preparing all types of food items, currys, sambhar, rasam, chicken, rice dishes, fried food etc.

Weight -44kgs

**Current status**: In active commercial use in Karnataka, Kerala, Andhra Pradesh and Tamil Nadu. Over 2500 stoves in the field.

Links: <https://www.youtube.com/watch?v=EaotDfRhe_A>

**Concerned person**: Svati Bhogle

**Contact details:** Technology Informatics Design Endeavour (TIDE)

Svati Bhogle 9845011380, svati.bhogle@tide-india.org

FF-1, Sapthagiri Apartments

No. 30, 10th Cross, 15th Main Road

RMV Extension, Sadashivanagar

Bangalore-560 080

Ph: 080 23612031 23612032

Mail: info@tide-india.org , tide.blr@gmail.com