OUCE IDEA LABS FOUNDATION

Technology Business Incubator, UCE(A), OU

www.ouceidealabs.org

Background

- Committee to explore the functioning of other successful Incubation Centers such as IIIT-H, IIT Bombay.

- A Proposal titled “Setting up a Technology Business Incubator (TBI) , UCE, OU” was submitted and approved by Board of Governors.

TEQIP II Contribution to OUCE Idea Labs

- Registered as a Section 8 Company (Companies Act 2013)
- INR 70 Lakhs approved by BoG for Idea Labs Foundation
- Phase I - 12000 Sq ft of space has been allotted by college for OUCE Idea Labs Foundation
- 2000 Sq Ft has been developed
  - Computers, Printer, Dedicated Server, Internet Connectivity
  - 3 Cabins with 24 desks
  - Board Room
  - CEO Room
  - Hangout and Brainstorming Common Areas

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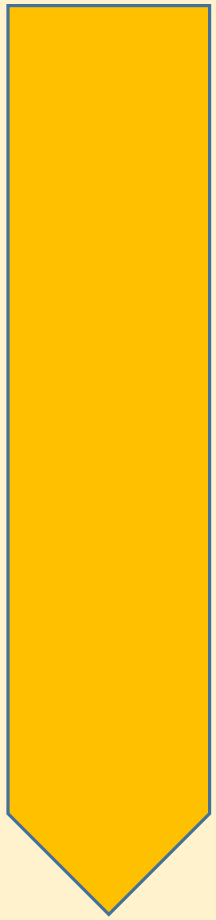
Action Plan — Work In Progress



- Soft launch of the Incubator.
- Formation of Governing Body and Advisory Board
- Formation of Core Operational Team
- Development of Incubation Program and Process
- Inviting Innovation and Startup Applications
- Building a solid internal and external support system.
- Development of Incubator Infrastructure and Service Portfolio
- Setup end to end capabilities under Patenting and IP

Focus Areas

- Information and Communication Technology (ICT)
- Building Material/ Construction Technology
- Electricity, New and Renewable Energy & Environmental Sustainability
- Manufacturing and Engineering
- Micro and Nano Electronics
- Healthcare and Medical Devices

TBI Support System

IDEATION

- Support Innovation Committee in identifying new ideas.
- Build a solid resource base of mentors and support system.
- Develop Appropriate Infrastructure and Partnerships (Ex: Makerspaces).

COMMERCIALIZATION via STARTUPS

- Develop an Incubation Program (Physical + Remote) for startups.
- Provide Mentorship, Funding and Services/ Go to Market Support.
- Develop Infrastructure and Industry Partnerships to support startups.

COMMERCIALIZATION via LICENSING

- Develop Technology Transfer capabilities for Research and Startups

CO-WORKING SPACE

- Supporting Startups with good potential that can leverage incubation support

Call to Hyderabad Startup Ecosystem

- Collaborations and Partnerships
- Investors Connect
- Mentor Connect
- Spread the Word
- Host activities/events at OUCE
- Refer quality Startups and Service Providers
- Recruit talent from OUCE

Idea 1: Breakthrough in Rotational Technology

S No	Feature	Existing Fan	New Fan
1	Power consumption	50-60 Watts when new	30 Watts
2	Source of power	AC 230 V	DC 12 V from Battery, solar panel or from AC through Eliminator
3	Heat dissipation		No heat observed even after 6 hours of continuous running
4	Warranty	1 year	5 Years
5	Proof		Water and electric shock proof
6	Copper gauge	180 Gms 36 Gauge	50 Gms 20 gauge
7	Rotor and stator	Yes	Not used
8	Portability	No	Easily portable and stand alone operation possible.

Idea 2: Energy Hawk Mark

PROBLEM

- Power distribution losses are approximately 40-50% of which non technical factors like poor billing infrastructure, power theft by meter tampering etc., account for 20-25%
- Energy wastage on consumer end due to lack of real time monitoring

SOLUTION

- Plug and play, network enabled, low cost, simple and smart metering infrastructure, as a one stop solution for utilities and consumers which results
- a direct benefit of financial saving for both utilities and consumers and
- an indirect benefit of improved coordination among various elements of power grids resulting in increased efficiency and effective utilization of scarce energy resources in the country by minimizing carbon footprints.

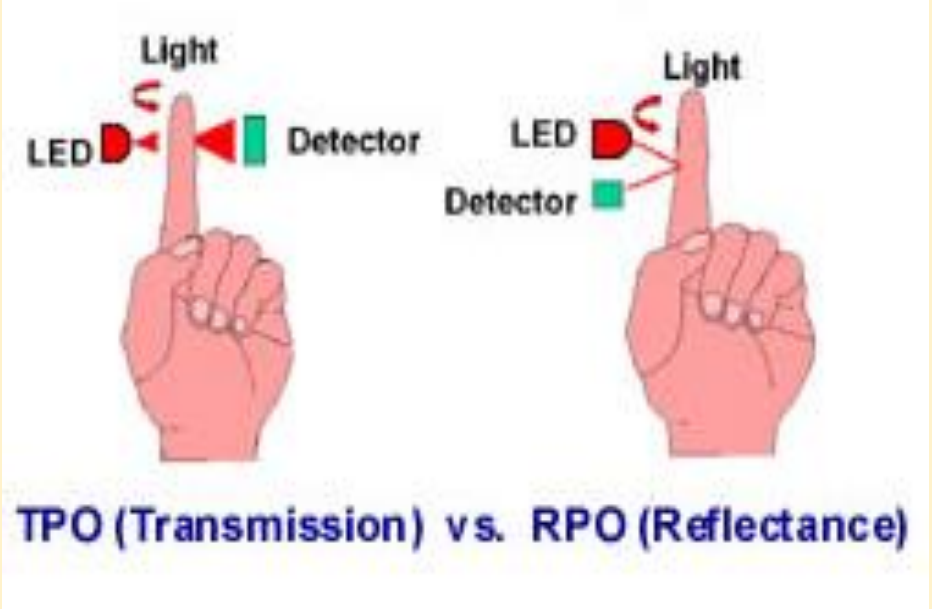
Idea 3: Design And Development For Non-Invasive Hemoglobin Count Device

PROBLEM

Current methods of estimation of hemoglobin are all invasive. Disadvantages include:

- Chance of infection through the needle.
- Requires a trained staff for sample extraction.
- Blood samples must be maintained at particular temperature
- The process takes a few hours to estimate the hemoglobin value.

SOLUTION



Thank You!