

Kalam Innovative Ideas ROUND 2

AKTU is inviting ideas and innovations in the domain of water. The purpose of this is to encourage frugal, scalable and innovative solutions to solve the key challenges in the following areas:

- **Purification**
 - Safe and clean technology for drinking water
 - Sanitation and Health
 - Quality management of urban and rural drinking water
 - Design and implementation of smart water grids
 - Information and communication technologies for water management and drinking water supply
 - Total water pollution load management
 - River quality management, sea water desalination
- **Recycling**
 - Resource recovery from wastewater
 - Water recycling and reuse technologies
 - Energy production from water and wastewater cycles
 - Nutrient recovery from wastewater
- **Reducing**
 - Urban water efficiency
 - Agricultural water efficiency
 - Industrial water efficiency
 - Energy efficiency in water and wastewater systems

Students of AKTU are to submit their ideas that seeks to resolve a problem related to water. AKTU will fund Rs.12000/- per selected idea for prototype development. The prototypes shall be showcased in Kalam Library at the University Campus, Lucknow. The students should submit their entries through the following link:

<https://tinyurl.com/Prototype-Application-Form>

Guidelines for application:

1. Entries will be accepted only through the above link.
2. Ideas will be selected on the following criteria-
 - a. Innovation/Novelty in Idea.
 - b. Relevance to theme
 - c. Cost effectiveness.
 - d. The idea convertibility into enterprise.
3. Prototyping grant will be released to Institutions/Colleges only.
4. One faculty coordinator should be allotted by the Institution/College as contact person.
5. Prototypes will be exhibited in accordance to the guidelines which shall be shared after selection.
6. All showcased prototypes will be considered as sole property of Innovative Gallery, Kalam Library, AKTU, for one year.



Prof. S.B. Bajpayee
Head –CEI & Proctor

Notice Boards

Hostels

CC to:

1. Hon'ble Chairman Sir (e-mail)
2. Hon'ble Advisor Sir
3. Director, ABESIT(e-mail)
4. Prof. (Dr.) S. S. Chauhan, Deputy Director & Dean (e-mail)
5. All HOD/In-charges (e-mail)