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Dean-UGSE



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To
Directors/Principals
Institutes /Colleges affiliated to Dr. APJ Abdul Kalam Technical University
Lucknow, Uttar Pradesh

Subject: Regarding Kalam Innovative Ideas ROUND 2.

Dear Sir/Ma'am

We are glad to share that after the successful culmination of the 1st round of Innovative Ideas for prototyping grant, 14 ideas were selected and will be exhibited in Innovative Gallery, Kalam Library in the campus. With this, we propose the 2nd round of Innovation Gallery which shall revolve around the theme "water frugal".

Under the theme, University 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

This is in line with Dr. A.P.J. Abdul Kalam's dream of a globally competitive and developed India, which envisions a water-efficient and water-secure nation. Selected Candidates will get the chance to be mentored by the team of experts. Additionally, some of the best entries will receive special mentions and recognition from national and global organisations working in the water domain.


Dr. A. P. J. Abdul Kalam Technical University, Lucknow is yet to support 86 innovative ideas for prototype development, students of University are requested to submit their ideas that seeks to resolve a problem related to water. The support from university shall 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>

The 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.
7. Last date of entries submission is **23rd July 2018**.

With warm regards


(Prof. Vineet Kansal)
Dean Undergraduate Studies
and Entrepreneurship

Copy to:

1. Staff Officer, Hon'ble Vice Chancellor for kind information
2. Registrar, AKTU, Lucknow
3. Finance Officer, AKTU, Lucknow
4. Controller of Examination, AKTU, Lucknow
5. Coordinator, TEQIP, AKTU, Lucknow
6. System Manager, AKTU, Lucknow
7. Advisor K-CIIS, AKTU, Lucknow


(Prof. Vineet Kansal)