डॉ0 ए0पी0जे0 अब्दुल कलाम प्राविधिक विश्वविद्यालय
DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY
(Formerly UP Technical University)

सेक्टर-11, जनकीपुरम विस्तार योजना, लखनऊ-226031 Sector-11, Jankipuram Extension Yojna , Lucknow

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Letter No.:AKTU/VCO/2021/12019   Dated : 12 October 2021

To
The Directors/Principals
Colleges affiliated/associated/constituents to
Dr. APJ Abdul Kalam Technical University, Lucknow,

Sub: Kalam Annual Project and Poster Technical Competition (KAPPTEC 2.0)

Dear Sir/Madam

It is to share that AKTU is launching a portal of **Kalam Annual Project and Poster Technical Competition (KAPPTEC 2.0)** on 12th Oct 2021 for the students of affiliated/Associated/Constituent institutions to the University.

The objective of this competition is to enhance innovative thinking and demonstrable skills among students of University. The selected prototypes/ posters will be awarded prizes and certificate of appreciation. Selected Prototypes/ Posters will be displayed on university website and in the innovation booklet with their photograph and name.

The technology streams have been grouped in five different clusters, the definition (details) are attached as annexure 1 and guidelines for participants are attached as annexure 2.
The application for participation will be accepted by online mode only through below Google Form latest by 6th November 2021.

The application will be accepted from the college representatives (Director/Nominated Faculty from the Director) through online mode only on the following Google link;
https://urlzs.com/vcoCe

You are requested to encourage students participation from your institution as per the guidelines (annexure 1 & 2) latest by 6th November 2021.

Best wishes

(Prof. Vineet Kansal)
Vice Chancellor

Copy to:
1. Registrar, AKTU, Lucknow
2. Finance Officer, AKTU, Lucknow
3. Controller of Examination, AKTU, Lucknow
4. Dean, PGSR, AKTU, Lucknow
5. Dean Student Welfare, AKTU, Lucknow
6. Media Incharge, AKTU, Lucknow

1. **Cluster 1**

    i. Computer Science

    ii. Electronic and Computer Engineering

    iii. Computer Science and Engineering

    iv. Computer Science and Information Technology

    v. Information Technology

    vi. MCA

2. **Cluster 2**

    i. Electrical Engineering

    ii. Electrical & Electronics Engineering

    iii. Electronics Engineering

    iv. Electronics and Communication Engineering

    v. VLSI Design

    vi. Electronics and Instrumentation Engineering

    vii. Electronics, Instrumentation and Control Engineering

    viii. Instrumentation and Control Engineering

    ix. Electrical Drive and Control

    x. Communication Engineering

    xi. Power Electronics And Drives

    xii. Power Systems

    xiii. Micro Electronic Engineering

    xiv. Digital Communications

3. **Cluster 3**

    i. Mechanical Engineering

    ii. Production Engineering

    iii. Construction Technology & MGT

    iv. Mechatronics

    v. Automobile Engineering

    vi. Manufacturing Technology

    vii. Aeronautical Engineering

    viii. Energy Science & Technology

    ix. Computer Aided Design & Manufacturing

    x. Automation and Robotics

    xi. Thermal Engineering

    xii. Manufacturing Science & Technology

4. **Cluster IV**

    i. Chemical Engineering

    ii. Bachelor of Pharmacy

    iii. Agricultural Engineering

    iv. Bio Medical Engineering

    v. Biotechnology

    vi. Carpet & Textile Technology

    vii. Environmental Engineering

    viii. Food Technology

    ix. BHMCT

x. Industrial Production Engineering

xi. Man Made Fibre Technology

xii. Plastic Engineering

xiii. Textile Chemistry

xiv. Textile Engineering

xv. Textile Technology

xvi. M. Pharma

xvii. Nano Technology*

5. Cluster 5

i. Civil Engineering

ii. B. Arch Architecture

iii. Bachelor of Design

iv. Bachelor of Fine Art(BFA)

v. BFAD

vi. Master of Architecture

vii. Master of Design

viii. Remote Sensing & GIS

ix. Geotechnical &Geoenvironmental Engineering

x. Structural Engineering

Important Guidelines for Participants

1. Innovation ideas can be presented in two formats only.
    I. **Poster:**The Poster Presentation consists of a visual display of research findings. The topic of poster submission should be innovative in nature. It must showcase the creativity which can further commercial to give benefit to the society and industry. Poster must demonstrate the innovative research alongside new methods and tools.
    II. **Prototype (Projects)**: The projects to be submitted should be such that it brings something new or creative to this world. It should be such that they are going to innovate current systems or practices with newer things, or generally speaking, bringing something newer to replace existing ones within a given scope. In other words, they must be innovative in nature and have futuristic technology in them.

2. There will be **no fees** for participation and **no TA/DA** will be given

3. Innovation ideas will be accepted as per clusters (joint branches) Please refer Annexure 1

4. Best innovations from each cluster will be awarded and other awards will be most economically viable project, Best innovation towards society, most frugal innovation, Best business plan for startups

5. Certificate of participation will be given to all participating students

6. Selected prototypes/ Posters may get assistance in terms of funding for patent filing of their idea

7. Selected Prototypes/ Posters will be displayed on university website and brochure with their photograph and name

8. The decision from jury members will be final and binding to all.