

**Prof. Vineet Kansal**  
Coordinator, TEQIP-III



**Dr. A.P.J. Abdul Kalam Technical University**  
**Uttar Pradesh, Lucknow**  
Sector-11, Jankipuram Extension, Lucknow  
E-mail: coordinator.teqip3@aktu.ac.in

AKTU/TEQIP-III/2020/280

Date: 21-08-2020

To  
The Directors/Principals  
Engineering Colleges affiliated to Dr. A. P. J. Abdul Kalam Technical University  
Lucknow, Uttar Pradesh

**Sub:** Regarding e-Bootathon (Virtual Lab- an MHRD Govt. Of India Initiative) during 27-02 Sep 2020

**Dear Sir/ Madam**

It is to share that, the University is organizing an e-Bootathon (Virtual Lab- an MHRD Govt. of India Initiative) under TEQIP-III project in association with IIT Kanpur, REC Banda and DBATU Lonere Maharashtra for the faculties and students of our affiliated engineering colleges from 27-02 Sep, 2020. For more details and registration link kindly refer attached annexure-I. The last date of registration is 25 Aug 2020.

It is requested to kindly encourage the faculty members and students to participate in the e-Bootathon.

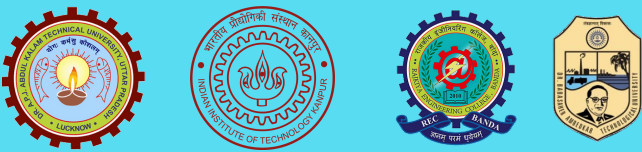
Yours Sincerely

(Prof. Vineet Kansal)  
Coordinator TEQIP-III

Copy for information and necessary action to:

1. Registrar, AKTU Lucknow
2. Finance Officer, AKTU Lucknow
3. Chair, Virtual Lab Cell, AKTU Lucknow
4. All Nodal Officers, TEQIP-III, AKTU Lucknow
5. All Deans, AKTU Lucknow
6. Project Head, TEQIP-III Project, DBATU Maharashtra (Mentor ATU)
7. Staff Officer, Hon'ble Vice Chancellor, AKTU Lucknow

(Prof. Vineet Kansal)



CHIEF PATRON



**PROF. VINAY KUMAR PATHAK**  
HON'BLE VC, AKTU LUCKNOW

PATRONS



**PROF. VINEET KANSAL**  
PRO V C  
AKTU LUCKNOW

**PROF. SUBODH WARIYA**  
DEAN UGSE, AKTU LKO  
CONVENER VLAB CELL, AKTU

**PROF. S P SHUKLA**  
DIRECTOR, REC BANDA  
CHAIR VLAB CELL, AKTU



**PROF. KANTESH BALANI**  
PI VLABS, IIT KANPUR  
MEMBER VLAB CELL, AKTU



**PROF. S.B. DEOSARKAR**  
INSTITUTE PROJECT DIRECTOR, TEQIP-III)  
DBATU, LONERE, MAHARASHTRA

COORDINATORS



**DR. ASHUTOSH TIWARI**  
DEAN PG, REC BANDA  
CHIEF MENTOR



**DR. BRIJESH IYER**  
DBATU LONERE  
MAHARASHTRA



**DR. SACHIN SINGH,**  
IET LUCKNOW  
N. O. A. TEQIP-III AKTU

SPEAKERS/MENTORS



**DR. SANGEETA ARORA**  
KIET GHAZIABAD



**ER. SHEETAL SINGH**  
IIT KANPUR



**ER. DHANANJAY UMRAD**  
IIT KANPUR



**MR. ANURAG CHAUHAN**  
REC BANDA



**DR. ARVIND K. PANDEY**  
MIET MEERUT



**MR. T. S. S. SUBRAMANIAN**  
HCST MATHURA



**MR. AJAY RAJ PARASHAR**  
HCST, MATHURA



**MRS. RUPALI SHARMA**  
MIET, MEERUT



**DR. RAMESH SHARMA,**  
FGIET, RAEBARELI

# DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW

LAUNCHES



FUNDED BY :- **TEQIP III**



An MHRD Govt of India Initiative

IN ASSOCIATION WITH  
**IIT KANPUR, REC BANDA**

&

**DBATU LONERE MAHARASHTRA**

Aug. 27 - Sep. 02, 2020

REGISTRATION

**\*There is no registration fee.\***

For registration please [click here](#)

or

scan the QR code



(Last date to register 25 Aug. 2020)

**Selection :**

- Once team has registered, the organizing team shall select team.
- The selection criteria shall be based upon the experiment repository submitted.
- Once selected, all the team members shall be notified on their email

**E-Certification Categories :**

- Submitting 1 experiment : Certificate of Participation.
- Submitting 2 experiment : Virtual Lab Certified SILVER developer.
- Submitting 3 experiment : Virtual Lab Certified GOLD developer.

Contact us

[vlc@aktu.ac.in](mailto:vlc@aktu.ac.in)

+91-7417090200 | +91-9412406285 | +91-8980366444

**Guidelines for Registration**

- The registration form should be filled by faculty member only.
- Before proceeding for registration please click here ( [Physics](#) , [Mechanical](#) , [Electronics](#) , [Electrical](#) , [Computer Science](#) , [Civil Engg.](#) , [Chemistry](#) , [Chemical Engg.](#) , [Biotech](#) ) to see the gap areas for the proposal of the lab development.
- Proposal/Development of already available labs will be strongly discouraged.
- The program schedule and timing will be intimated to registered participants only through their registered email ids.

**Team Structure : Team of 5 members.**

- 1 Faculty from any discipline of Science or Engineering.
- 1 Student from the same domain as of the faculty.
- 3 Students from CS, IT or any other related field with sound knowledge of programming (Preferably HTML, CSS, JS, GIT, Web Graphics and good hold on math functions).

**Team Pre-registration Tasks**

- Kindly Download documents for new lab development : [click here](#)
- Once the faculty has developed the pedagogy, storyboard and the lab manual, the 4 students together have to develop the simulator for the Experiment.
- The pedagogy, storyboard and the source codes have to be added into a public git repository.

**Pre eBOOTATHON self E-learning**

**Faculty :**

- Need to go pedagogy training by going through online coursework from : <http://shorturl.at/qzPYZ>
- Once the faculty are well versed with the pedagogy methodologies, they need to conceptualize an experiment and have to write its Pedagogy, Storyboard and Lab manuals. and some basic GIT knowledge <http://bit.ly/GIT-Basics-1>
- **Students: 1 Student from the same domain as of the faculty :** Has to be a bridge between the Faculty and the other 3 programming students, therefore needs to take training <http://shorturl.at/kFI59> & some basic HTML , CSS and Javascript.
- **3 programming Students:** Shall be mainstream programmers and have to undergo training in HTML5 Canvas, CSS , JS, SVG, GIMP, GIT Basic/Advance, Inkscape.

• **Simulator Template :** To Download [click here](#)

**Additional Benefits to the GOLD certification**

- The students and teams certified with GOLD, shall be given an opportunity to be a resource person at the future eBOOTATHON.
- Opportunity to serve as a reviewer on the VlabsDev IITK, Virtual Labs, national development portal.
- Students can initiate student clubs for Virtual Labs development.
- Internship opportunity with IIT Kanpur through REC Banda.