



# AZAD GROUP OF EDUCATIONAL INSTITUTIONS

(UNDER AUSPICES OF AZAD EDUCATIONAL SOCIETY)  
Approved by AICTE/PCI, New Delhi & Affiliated to AKTU/BTEUP

Ref. No.: ATC/NOT/2018/27

Date: 14/04/2018

## **CIRCULAR FOR ESTABLISHMENT OF TINKERING LAB**

All are hereby informed that as per today's needs and priority a Tinkering Lab is being established as per the guidelines of AICTE, New Delhi and AKTU, Lucknow in the Institute Campus.

The key features of Tinkering Lab defined by NITI Aayog:

- Tinkering Lab is a work space where young minds can give shape to their ideas through hands on do-it-yourself mode; and learn innovation skills. Young children will get a chance to work with tools and equipment to understand the concepts of STEM (Science, Technology, Engineering and Math). Tinkering Lab would contain educational and learning 'do it yourself' kits and equipment on – science, electronics, robotics, open source microcontroller boards, sensors and 3D printers and computers.
- In order to foster inventiveness among students, Tinkering Lab can conduct different activities ranging from regional and national level competitions, exhibitions, workshops on problem solving, designing and fabrication of products, lecture series etc. at periodic intervals.
- Tinkering lab activities are designed to spur the spark of creativity, and go beyond regular curriculum and text book learning. It will let students explore skills of future such as design and computational thinking, adaptive learning and artificial intelligence. It will be hub of innovation where young minds will accelerate their ideas to solve unique local problems.

HoDs are requested to kindly nominate faculty members and lab staff from their respective departments for helping and proper function of the Tinkering Lab.

  
Director, ATC

**Copy to:**

- ED/ VC / AD / DD / Advisor for information please;
- Director AIPR/Principal ADC(BBA)/Principal ALP/Principal ADC(BTC);
- HoD App. Sc./BA/CA/EE/EL/CSE/ME/CE/BT/Pharmacy;
- All Notice Boards/Website;
- Mr. Azeem Ahmad for distribution and display.

Azadpur, adjacent CRPF Colony, Bangla Bazar Road, Bijnaur, Lucknow-2  
Phone No. 0522-2817608, 609 Fax: 0522-2817609  
E-mail: info@aiet.ac.in Website: www.agei.edu.in