



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर - 208002, उ.प्र., भारत

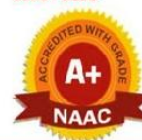
HARCOURT BUTLER TECHNICAL UNIVERSITY

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100+  
YEARS  
1921 - 2021



## **MULTIPURPOSE VIRTUAL STUDIO (RECORDING STUDIO)**

HBTU established a state-of-the-art multipurpose virtual studio with production control room, post production setup, outdoor shooting system. The whole project is divided into different sections as briefed below.

### **SECTION 1**

#### Multi-Camera Studio & PCR

3 Camera studio setup with full HD Robotic PTZ Cameras mounted over tripods and/or wall/ceiling mounting kits as per requirement. Studio should be equipped with Wireless Handheld and Lavalier microphones for teachers, anchors and guests. The studio should be equipped with Real Set for teacher/anchor with provision of mounting 65" interactive display at the background and should have designer backdrop. A green Chroma set with mat finish should be separately built in the studio. A preview display should be provided for fold back view of the final on-air content. The studio should be acoustically treated with industry standard material and should have provision of Live Streaming; Online Classes vide any video conferencing software and professional recording simultaneously. Studio should be equipped with high-end studio lightening for illuminating the sets to generate a professional broadcast quality video. The studio should be accompanied with a Production Control Room (PCR) with high end video production switcher, audio mixer with additional USB output, audio video monitoring, broadcast deck for recording & playing, video streaming encoder and other sub-system to complete the workflow.

### **SECTION 2**

#### Post Production

For post-production, two high end workstations are required for dense video editing. Should have active studio speakers for audio monitoring. One of the system should have voice over facility.

### **SECTION 3**

#### Outdoor Field Shooting Kit

2 camera setup is required for outdoor/field shooting purpose. The kit should have qty 2 of 4K handheld cameras with live streaming and CG generator. The cameras should be supplied with tripods. One wireless camera mountable microphone should be supplied. The input of the camera should be provided into an 8 channel video production switcher who should provide separate multi viewer and program outputs.

## Audio Visual Centre

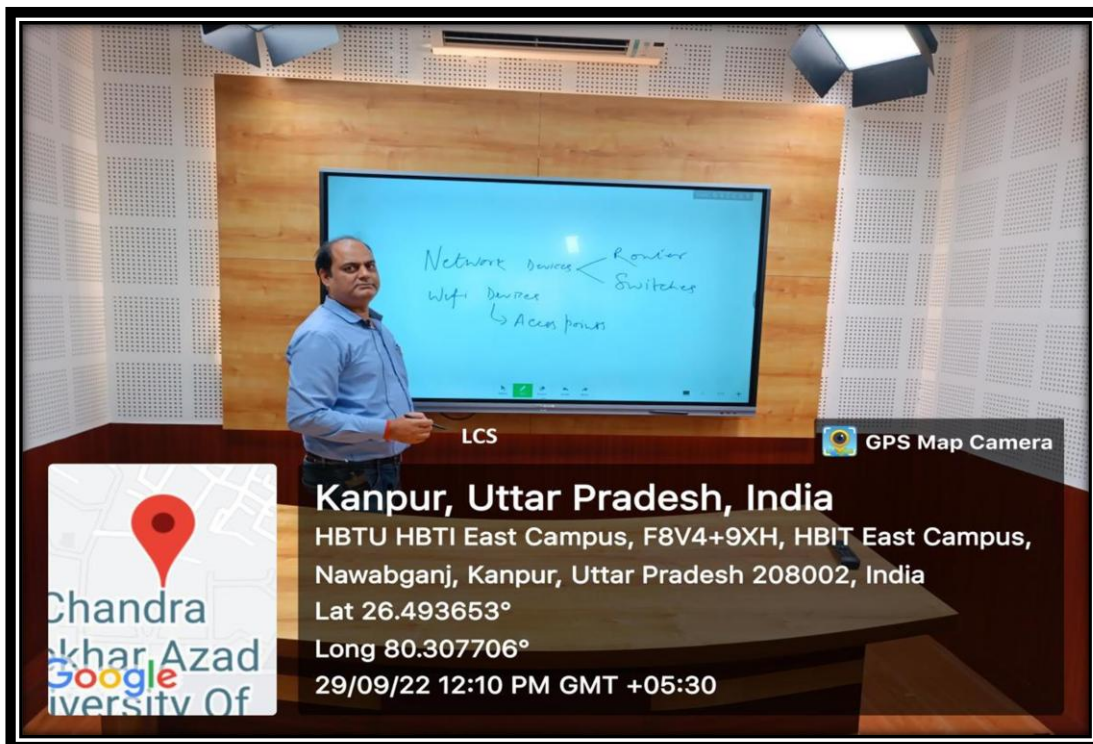


## Media Centre





## Lecture Capture Room



Network devices

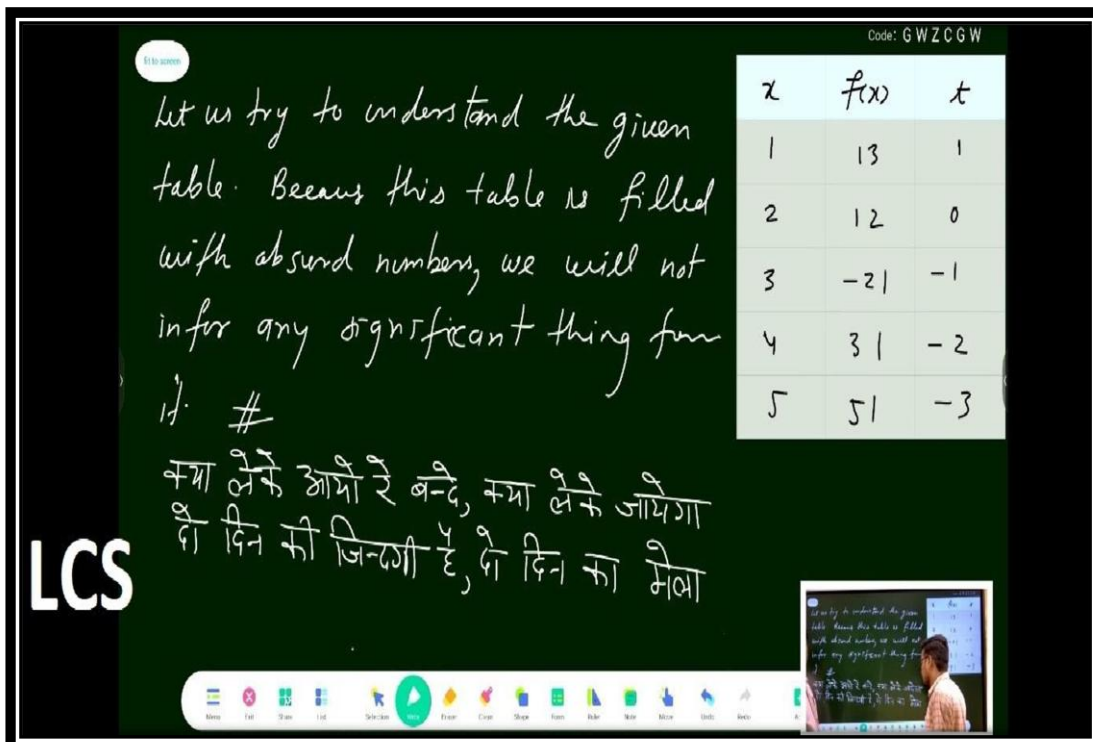
- Router
- Switches
- Wifi devices
- Access points

LCS

GPS Map Camera

Chandra  
Bihar Azad  
University Of

Kanpur, Uttar Pradesh, India  
HBTU HBTI East Campus, F8V4+9XH, HBTI East Campus,  
Nawabganj, Kanpur, Uttar Pradesh 208002, India  
Lat 26.493653°  
Long 80.307706°  
29/09/22 12:10 PM GMT +05:30



Let us try to understand the given table. Because this table is filled with absurd numbers, we will not infer any significant thing from it. #

क्या लैके आये रे बन्दे, क्या लैके जायेगा  
दो दिन की जिन्दगी है, दो दिन का मेला

$x$	$f(x)$	$t$
1	13	1
2	12	0
3	-21	-1
4	31	-2
5	51	-3

LCS

Code: G W Z C G W

## Mixer Equipment

