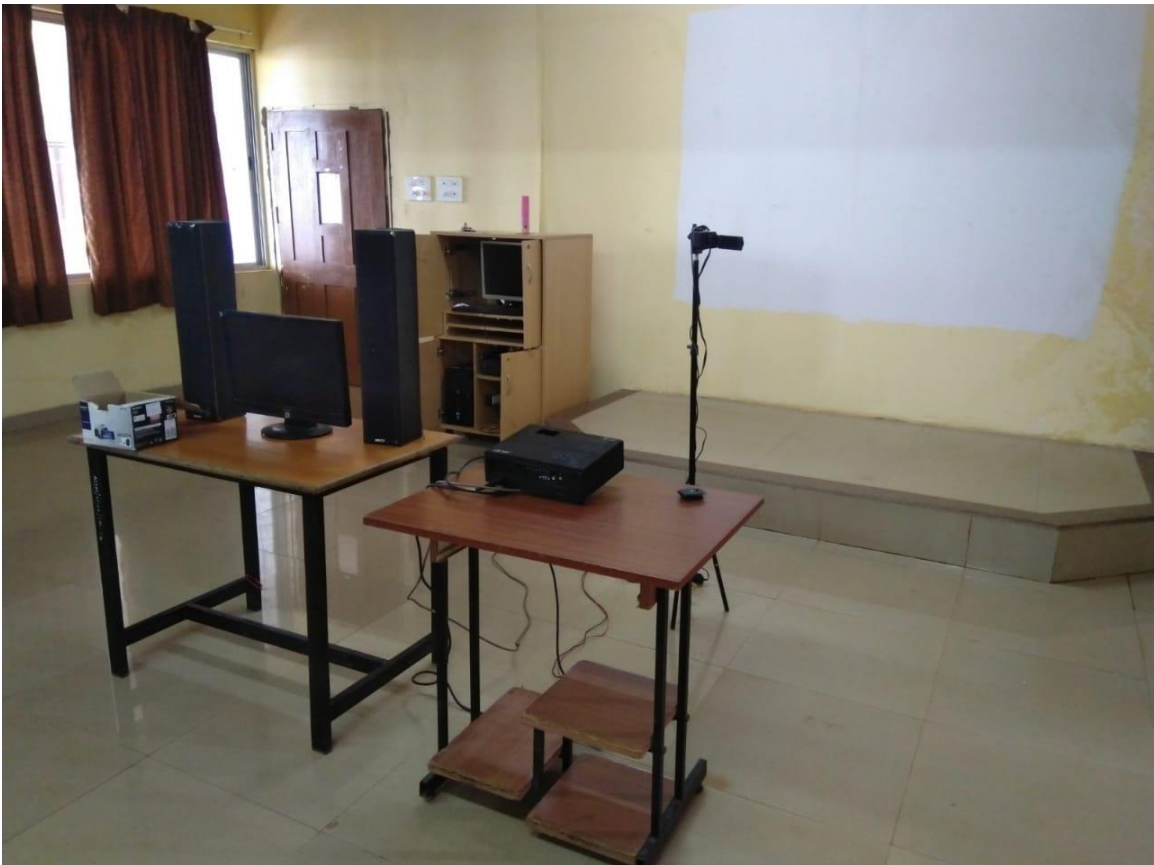


Facilities for e-content Development

a. Media Recording Room



b. OBS Studio/Screen Recording Facilities

REPRESENTATION OF RAINFALL DATA

2. Bar Chart :

3. Ordinate Graph :

4. Moving Average Curve :

The graphical presentation of rainfall data shown by above methods do not show any trend or cyclic pattern of the data. Also, the above representations give extreme values. However, the moving average curve smoothen out the extreme variations and indicate a cyclic pattern or certain trend. It is also called moving year curve. It is constructed with a moving period m (3 to 5) years.

If $x_1, x_2, x_3, x_4, \dots, x_n$ are the rainfalls in the chronological order then moving average curve values at $m=3$ are

$$y_1 = \frac{x_1 + x_2 + x_3}{3}, y_2 = \frac{x_2 + x_3 + x_4}{3}, y_3 = \frac{x_3 + x_4 + x_5}{3} \dots$$

and so on...

Other forms of presentation of rainfall data are :
 (i) mass curve of rainfall and (ii) rainfall hyetograph.

Chronological Chart (—) and Moving average Curve(---)

TABLE OF CONTENTS

- Memory
- Sensors, Actuators
- LED, 7 segment LED display
- Stepper motor, Keyboard, Push button switch,

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