

**Encouraging course coordinator and students for certification courses like Virtual Lab, MOOC, NPTEL, Coursera, etc. to enhance the learning:**

To plan and use important time to gain knowledge and certification in the field of technology, which will aid in their career progress.

In collaboration with organizations like IIT Bombay, Amruta University and available certified agencies like Coursera, Spoken Tutorial, NPTEL, and Department of Mechanical Engineering always inspire the students and course coordinators to participate in different courses offered by these agencies.

**Objective:**

- To make students aware of the various certification courses that are accessible on various platforms.
- Adopting industrial needs bridges the gap between curriculum and current industry requirements.

Table 5.4.1, and figure 5.4.1 represents the number of students benefited in activities conducted by course coordinators as virtual lab and table 5.4.2, 5.4.3 and 5.4.4 value added programs (VAP) and certification courses of Coursera.

**Table 5.4.1: Number of students participated in Virtual Lab**

<b>Particular/AY</b>	<b>CAYm1 (2022-23)</b>	<b>CAYm2 (2021-22)</b>	<b>CAYm3 (2020-21)</b>
<b>Virtual Lab</b>	246	244	308

**Table 5.4.2: Number of students participated in Coursera**

<b>Particular/AY</b>	<b>CAYm2 (2021-22)</b>	<b>CAYm3 (2020-21)</b>
<b>Coursera</b>	2	249

**Table 5.4.3: Number of students participated online certificate programs and VAP**

<b>Particular/AY</b>	<b>CAYm2 (2021-22)</b>
<b>Infosys springboard</b>	66
<b>Linked in learning</b>	2
<b>Great Learning Academy</b>	1
<b>Election's CAD</b>	3
<b>VAP</b>	9

**Table 5.4.4: Number of students participated in IT VAPs**

<b>Particular/AY</b>	<b>CAYm1 (2022-23)</b>
<b>Python</b>	43
<b>C++</b>	37