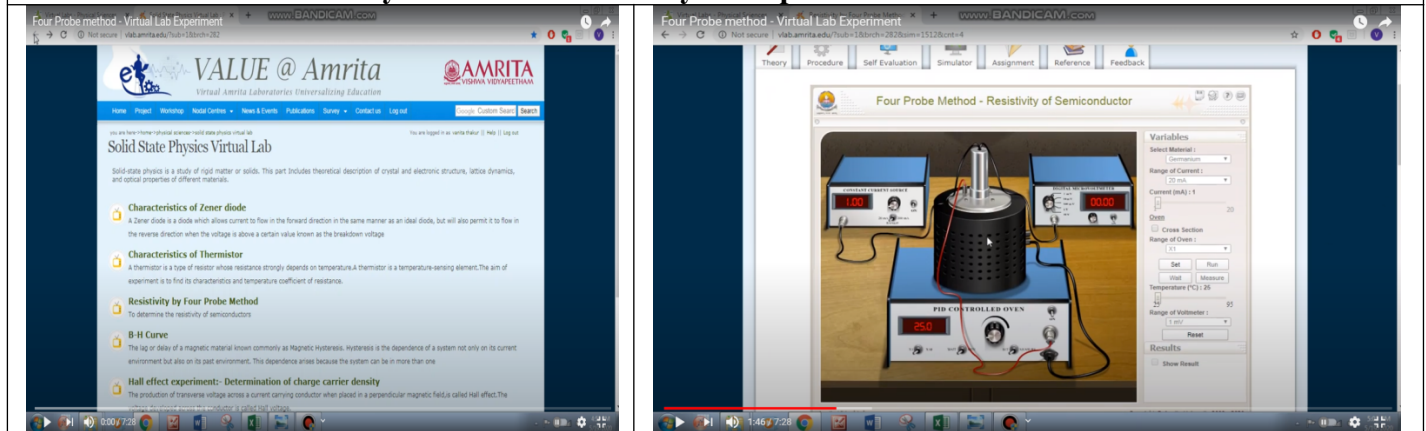


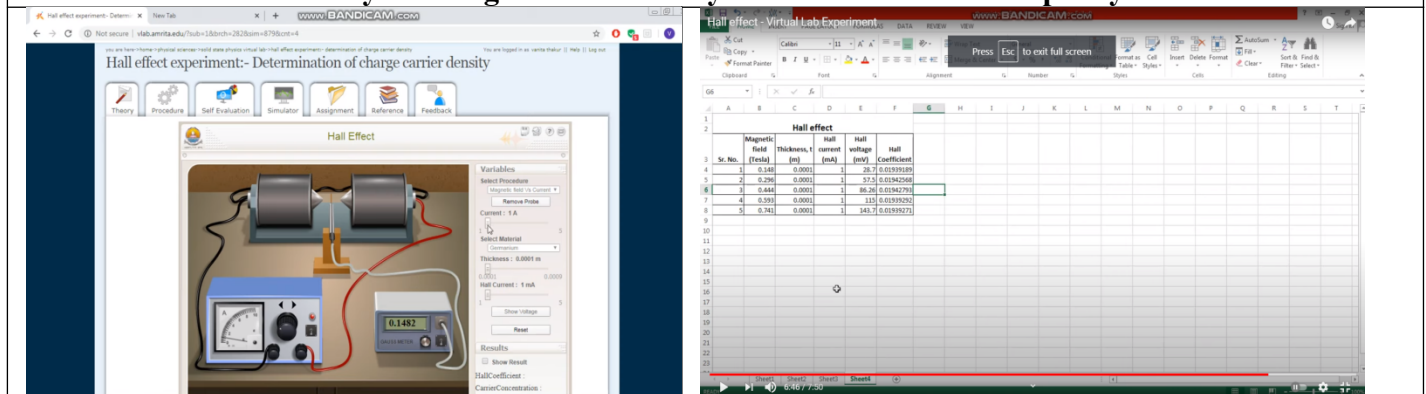
# Report on Virtual Lab developed by Amrita Vishwa Vidyalya (Vlab) for conducting labs on Semiconductor material characterization techniques.

Sem VII, ETRX Subject: IC and MEMS Technology (EEL-71A), Academic Year: 2020-21

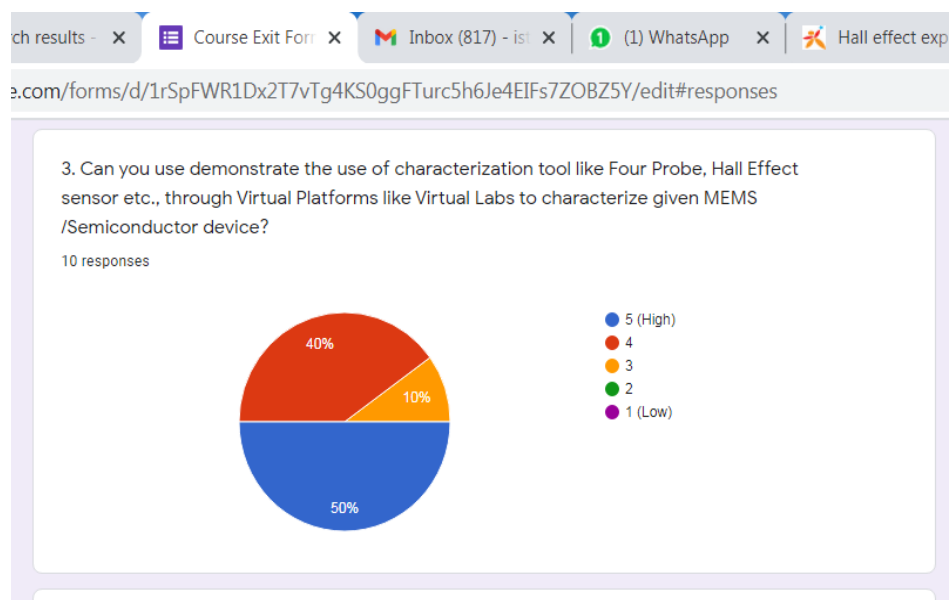
## To determine the resistivity of semiconductors by Four probe Method.

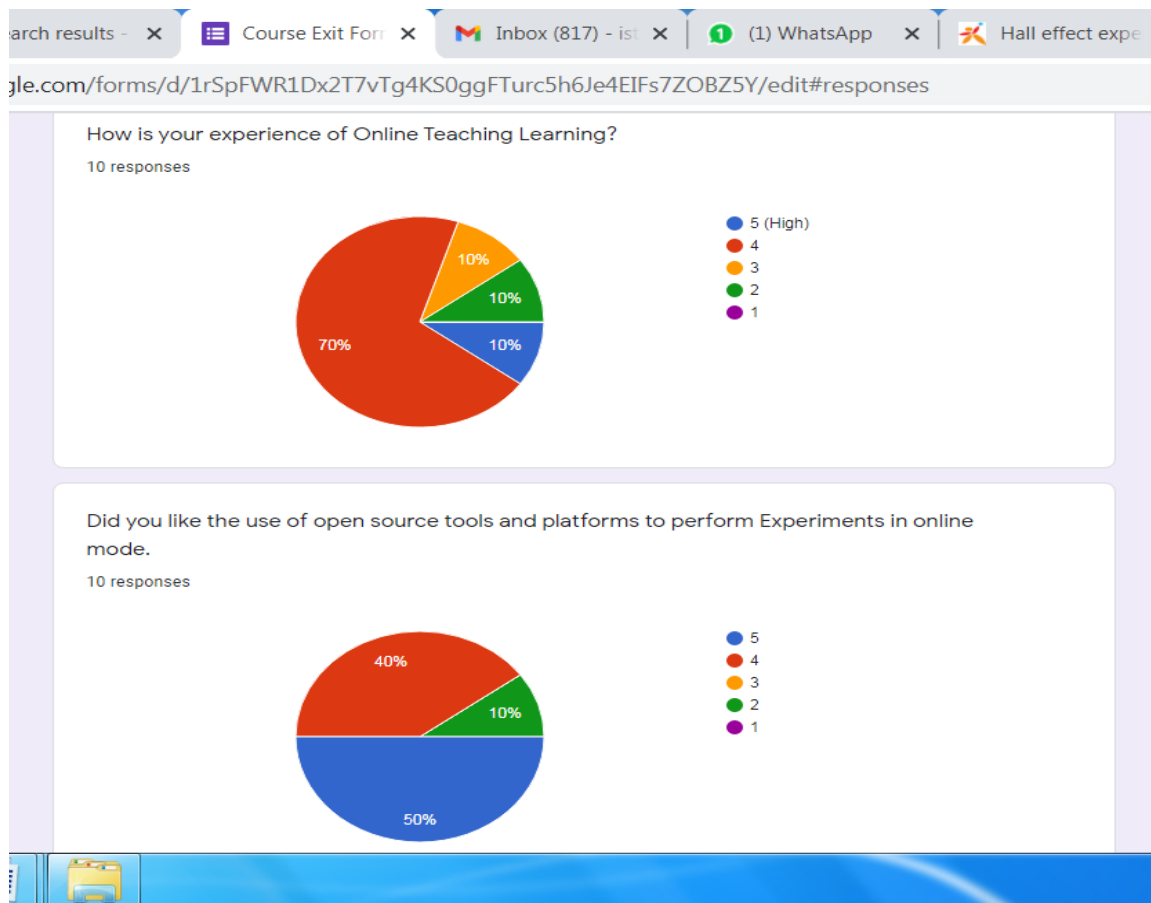


## To determine the mobility of charge carrier density of semiconductors sample by Hall Effect Method.



## Impact Analysis:





search results - X Course Exit Form X Inbox (817) - ist X (1) WhatsApp X Hall effect exper

gle.com/forms/d/1rSpFWR1Dx2T7vTg4KS0ggFTurc5h6Je4EIFs7ZOBZ5Y/edit#responses

Any specific thing for me and department you can share in terms of which practice/practices we should continue and which to discontinue.

10 responses

The use of various open source tools involved in the fabrication process is something which should definitely be continued. I also really liked the task assigned to us as it was challenging and made us think and I beleive that these simulation based tasks should also be continued in the future as they give us a hands on experience to various tools. They also in fact encourage us to verify therotical concepts with practical tools.

No

NA

Sir, Teaching topics in dept is the most important thing and should continue

Nothing as such

I suggest proper scheduling of all the the assignments and test shall be announced prior so that it will be beneficial for students to schedule their time table accordingly.

No