

Shri Shivaji Education Society Amravati's

SHRI SHIVAJI SCIENCE AND ARTS COLLEGE CHIKHLI, DIST. BULDANA (MS).



DEPARTMENT OF PHYSICS

List & Links of the virtual experiments to be performed by the students of **B.Sc.-II (Semester-IV)**

Sr.	Experiment	Link	Note
No.			
1	 a) To determine the Hall voltage developed across the sample material. b) To calculate the Hall coefficient and the carrier concentration of the sample material. 	https://vlab.amrita.edu/ ?sub=1&brch=282∼= 879&cnt=1	You have to register first to Amrita VirtualLab to access this expt.
2	To draw the static current-voltage (I-V) characteristics of a junction diode.	https://vlab.amrita.edu/ ?sub=1&brch=282∼= 1522&cnt=1	You have to register first to Amrita VirtualLab to access this expt.
3	To study Half Wave Rectification	http://vlabs.iitkgp.ac.in/ be/exp6/index.html	You directly access this expt. from the given link.
4	To study Full Wave Rectification	http://vlabs.iitkgp.ac.in/ be/exp7/index.html	You directly access this expt. from the given link
5	To study common emittercharacteristics of transistor	http://vlabs.iitkgp.ac.in/ be/exp11/index.html	You directly access this expt. from the given link
6	To study common base characteristics of transistor	http://vlabs.iitkgp.ac.in/ be/exp12/index.html	You directly access this expt. from the given link
7	Study of basic properties of Operational Amplifier: Inverting and Non-Inverting Amplifiers	http://vlabs.iitkgp.ac.in/ be/index.html	You directly access this expt. from the given link.
8	Study of Differentiator and Integrator using Operational Amplifier	http://vlabs.iitkgp.ac.in/ be/exp18/index.html	You directly access this expt. from the given link
9	To study Zener Diode-Voltage Regulator	http://vlabs.iitkgp.ac.in/ be/exp18/index.html	You directly access this expt. from the given link
10	To study the variation of magnetic field with distance along the axis of a circular coil carrying current.	https://vlab.amrita.edu/ ?sub=1&brch=192∼= 972&cnt=1	You have to register first to Amrita VirtualLab to access this expt.

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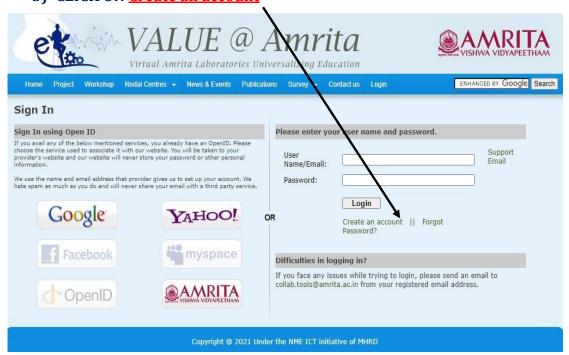


Procedure to Register for Amrita Virtual Lab

- 1) GO TO https://vlab.amrita.edu/
- 2) CLICK ON Login



3) CLICK ON Create an account



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4) Enter Your Details in The Given Fields



5) GO BACK and LOGIN WITH YOUR E-mail ID and Password.