



Shri Shivaji Education Society Amravati's
SHRI SHIVAJI SCIENCE AND ARTS COLLEGE
CHIKHLI, DIST. BULDANA (MS).



॥ ज्ञानम् परम् ध्येयम् ॥

DEPARTMENT OF PHYSICS

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

Sr. No.	Experiment	Link	Note
1	Frequency of AC mains by using Sonometer.	http://amrita.olabs.edu.in/?sub=1&brch=6&sim=151&cnt=1	You have to register first to Amrita Virtual Lab to access this expt.
2	a) To set up and observe Newton's rings. b) To determine the wavelength of the given source	https://vlab.amrita.edu/?sub=1&brch=189&sim=335&cnt=1	You have to register first to Amrita Virtual Lab to access this expt.
3	a) To set up and observe Newton's rings. b) Find the refractive index of given liquid.	https://vlab.amrita.edu/?sub=1&brch=189&sim=1520&cnt=1	You have to register first to Amrita Virtual Lab to access this expt.
4	To verify the Brewster's law and to find the Brewster's angle.	https://vlab.amrita.edu/?sub=1&brch=189&sim=333&cnt=1	You have to register first to Amrita Virtual Lab to access this expt.
5	To determine the refractive index of the material of a prism.	https://vlab.amrita.edu/?sub=1&brch=281&sim=1513&cnt=1	You have to register first to Amrita Virtual Lab to access this expt.
6	To determine the dispersive power of prism.	https://vlab.amrita.edu/?sub=1&brch=281&sim=851&cnt=1	You have to register first to Amrita Virtual Lab to access this expt.
7	To determine the number of lines per millimeter of the grating using the green line of the mercury spectrum.	https://vlab.amrita.edu/?sub=1&brch=281&sim=334&cnt=1	You have to register first to Amrita Virtual Lab to access this expt.
8	To calculate the wavelength of the other prominent lines of mercury by normal incidence method using grating	https://vlab.amrita.edu/?sub=1&brch=281&sim=334&cnt=1	You have to register first to Amrita Virtual Lab to access this expt.
9	Measurement of high resistance by the method of leakage of a condenser	https://bopiitk.vlabs.ac.in/exp/condenserleakage-method/	You directly access this expt. from the given link
10	To measure the specific rotation of cane sugar using Polarimeter	https://bopiitk.vlabs.ac.in/exp/canesugarrotation/procedure.html	You directly access this expt. from the given link
11	Aim is to find the inductance of a coil using Anderson's Bridge	https://vlab.amrita.edu/?sub=1&brch=192&sim=859&cnt=1	You have to register first to Amrita Virtual Lab 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**

Developed @
Amrita Vishwa Vidyapeetham

Inspiration and Guiding Light, Amma
Sri Mata Amritanandamayi Devi
Chancellor, Amrita Vishwa Vidyapeetham

Download Brochure

Virtual Labs at Amrita Vishwa Vidyapeetham

- Biotechnology and Biomedical Engineering**
Neurophysiology, Cell biology, Immunology Lab, Microbiology, Molecular Biology, Population Ecology, Biochemistry Virtual Labs...
- Chemical Sciences**
Physical Chemistry, Organic Chemistry, Inorganic Chemistry Virtual Labs...
- Physical Sciences**
Mechanics, Thermodynamics, Optics, Electricity and Magnetism, Basic Electric Circuits, Modern Physics Virtual Labs...
- Computer Science**
Wireless Sensor Network, Remote Triggered Lab

News just in...

- Top 5 Nodal centres in India, based on Virtual Lab usage
- Nodal Coordinator details update form

- 3) CLICK ON **Create an account**

Sign In

Sign In using Open ID
If you avail any of the below mentioned services, you already have an OpenID. Please choose the service used to associate it with our website. You will be taken to your provider's website and our website will never store your password or other personal information.
We use the name and email address that provider gives us to set up your account. We hate spam as much as you do and will never share your email with a third party service.

Please enter your user name and password.

User Name/Email: Support Email

Password:

Login

[Create an account](#) || [Forgot Password?](#)

Difficulties in logging in?
If you face any issues while trying to login, please send an email to collab.tools@amrita.ac.in from your registered email address.

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4) Enter Your Details in The Given Fields

Registration

Enter your details

Email id: *

Confirm Email id: *

Password: *

Confirm Password: *

First Name:

Last Name:

Age Group: --Select--

Gender: Male Female

Phone Number:

Profession: --Select--

College:

Subject:

University:

Country: --Select--

State:

Please use your existing account.

If you avail any of the below mentioned services, you already have an OpenID. Please choose the service used to associate it with our website. You will be taken to your provider's website and our website will never store your password or other personal information.

We use the name and email address that provider gives us to set up your account. We hate spam as much as you do and will never share your email with a third party service.

OR

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