DBT Foldscope Workshop

PRAKASH BALU
DBT - VICAS
WORKSHOP ON THE USE OF FOLDSCOPE
Towards Democratizing Science by providing “MICROSCOPE FOR EVERY CHILD”

Teaching fundamentals, techniques and analysis to aid of your research skill

DEPARTMENT OF BIOTECHNOLOGY
MINISTRY OF SCIENCE AND TECHNOLOGY
(GOVT. OF INDIA)
DBT - VICAS
WORKSHOP ON THE USE OF FOLDSCOPE

Join us for a Free, one day, hands on workshop covering the basics of Optical microscope, Cell Staining and an introduction to FOLDSCOPE TECHNIQUES. With a focus on you will learn a range of techniques by foldscope (Mobile camera view and Screen Projection of your living cells and other material).

ABOUT FOLDSCOPE:

Foldscopes are origami microscopes that have the potential to change the way we view life and microorganisms around us. Invented a few years ago by Manu Prakash and Jim Cybulski from Stanford University, these pocket-sized tools are now making their way to biodiverse, yet remote parts of the world.

Undergraduate students in several corners of the country are now enjoying the chance to explore the world of microscopic organisms with a microscope that they can take anywhere, following an initiative by the Department of Biotechnology (DBT) to reach Prakash Lab’s low-cost paper folding-microscope, the Foldscope to them.

The Department of Biotechnology (DBT), Government of India and Prakash Lab at Stanford University, USA signed an agreement a few months ago to bring the Foldscope to India to encourage curiosity in science. Following an understanding between DBT and Prakash Lab, foldscopes have been distributed to several college students and series of workshops held across India to popularize the origami paper microscope.

The workshop covers the following topic with hands on training :

1. Isolation of microbial cells from soil, air and Water
2. Live view of Microbial, Plant and Animal Cells by your Mobile Phone
3. Simple Staining
4. Gram staining
5. Blood cell identification
6. Acid fast staining etc.
7. ASSEMBLY AND USE OF FOLDSCOPE

Note: Schools and Colleges are requested to send the mail for the FREE WORKSHOP in your location

Further Details please contact:
Dr. B. PRAKASH., Ph. D
Organizing Secretary, DBT - VICAS Foldscope Project
Vivekanandha College of Arts & Sciences for Women [Autonomous]
Elayampalayam-637 205, Tiruchengode, Namakkal
Ph: +91 9443204101, +91 94458 73070
e-mail: foldscope.vicas@gmail.com