

## Glimpses of the outreach activity of the College



Outreach program to nearby primary school.



Manabendra Kalita, faculty member, Department of Biotechnology delivering speech during the outreach activity.



Faculty members demonstrating experiments to school students.



Manabendra Kalita, Department of Biotechnology, Dakshin Kamrup College, Mirza demonstrating Foldscope to school students from Uttarakhand.



School students participating in the outreach programme.



School students undergoing training in using microscope for increasing their scientific temperament.



Manabendra Kalita, faculty member, Dakshin Kamrup College imparting training for scientific way of mushroom cultivation.



Growth of mushroom as a successful demonstration of the training program.



Dr. Durlav N Sinha, Department of Botany, imparting training to school students regarding the importance of green house.



Faculty members during outreach activity of the College.



Foldscope microscope training to school students by faculty members of Dakshin Kamrup College.



Faculty members during interaction with school students as part of the outreach activity programme.

# Glimpse of outreach activity held at University of Kumaun, Uttarakhand



## FOLDSCOPE as an Educational and Research tool

Department of Botany, Dakshin Kamrup College, Mirza, Kamrup (R), Assam.  
Twinning partner: Department of Zoology, Kumaun University, Nainital

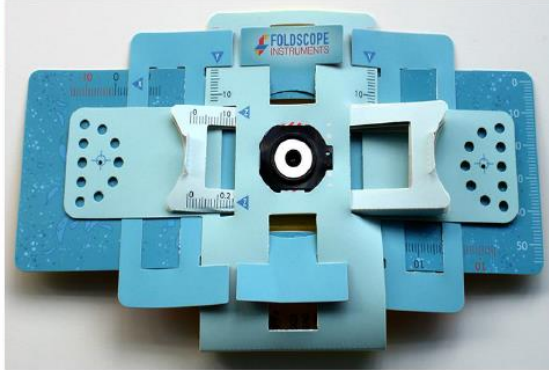


### INTRODUCTION

Foldscope is an optical microscope made of paper and a lens.

It was developed in 2014 by **Dr. Manu Prakash** at Stanford university and is popularised in different countries including India.

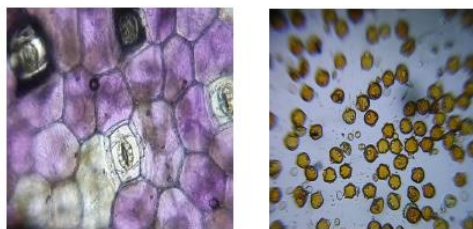
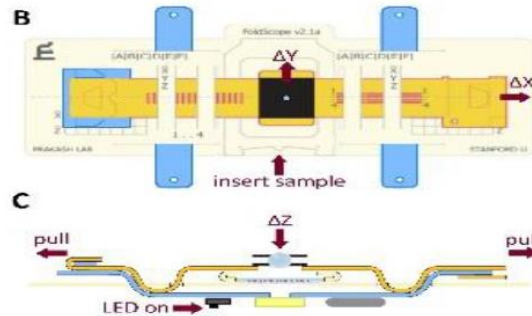
Advantage of foldscope over traditional microscope is it is **low cost, light weight, portable and easy to use.**



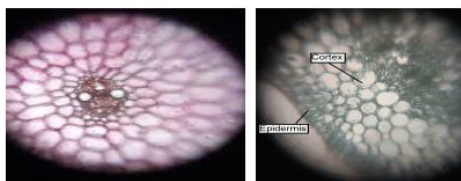
### Assembly and principle



Stomata and Pollens under foldscope.



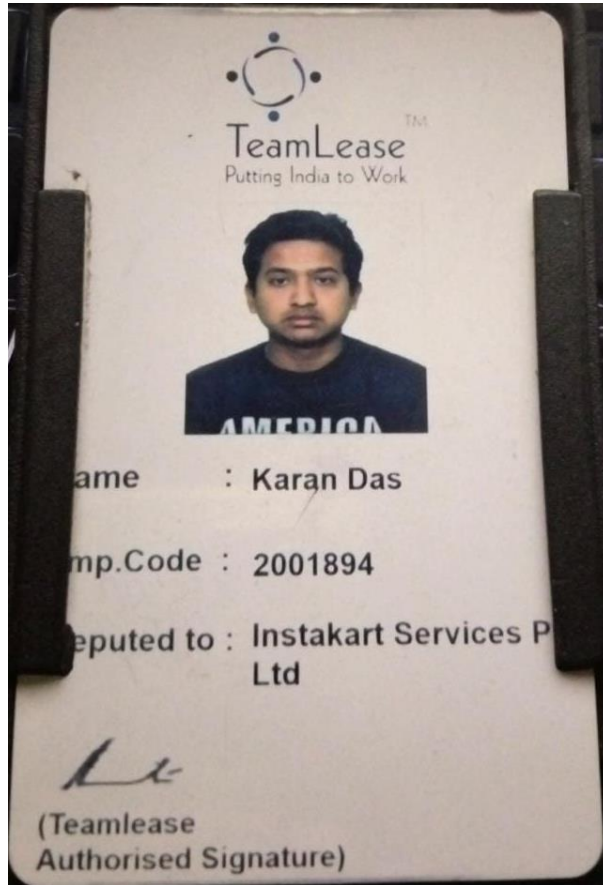
Plant stem and leaf sections



Microbes - yeasts, moulds, algae etc.



Evidence of success of "Electrician Certificate Course"



Student placed in Instakart Services Pvt. Ltd. after completion of "Electrician certificate Course"