

SGTB KHALSA COLLEGE @ WORLD DIDAC 2012

Under the aegis of DBT Star College Scheme , the students of SGTB Khalsa College , DU , under the guidance and around the clock support of the teachers got a chance to exhibit a project on “ e – Labs ” at WORLD DIDAC 2012 at Pragati Maidan from 19 – 21 September 2012.



e-Labs explore the potential of using the Internet and a new type of distributed computing called the Grid in high schools and colleges and provide an opportunity for students to:

- Organize and conduct authentic research or prepare their own projects.
- Experience the environment of scientific collaborations.
- Possibly to make real contributions to a burgeoning scientific field.



Students reach beyond classroom walls to explore data with other students and experts and share results, publishing original work to a world-wide audience. Students can discover and extend the research of other students, modeling the processes of modern, large-scale research projects. From start to finish e-Labs are student-led, teacher-guided projects. Based on similar approach, the students, under the expert guidance of

teachers made an attempt to create an e-lab for the subjects- Botany, Zoology And Chemistry.



A highly interactive SCORM compliant module was prepared for each e-lab comprising of the actual apparatus used and the practical methodology that is followed, giving a clear understanding of the concept. Through e-labs, our basic idea was to supplement the teaching and a better understanding of the concepts taught.

Being a part of this project has helped us to get acquainted with the different softwares and the advancements taking place in the field of education with the very effort of making studies interactive .