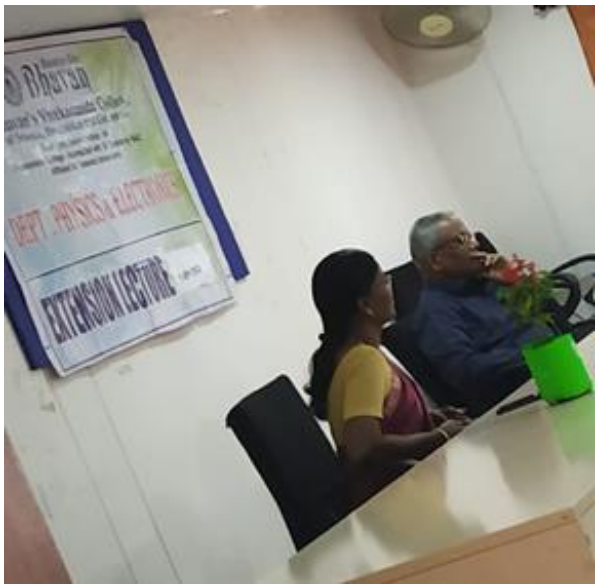
Bhavan's Vivekananda College
Sainikpuri, Secunderabad.
Dept. of Physics and Electronics
2018 – 19

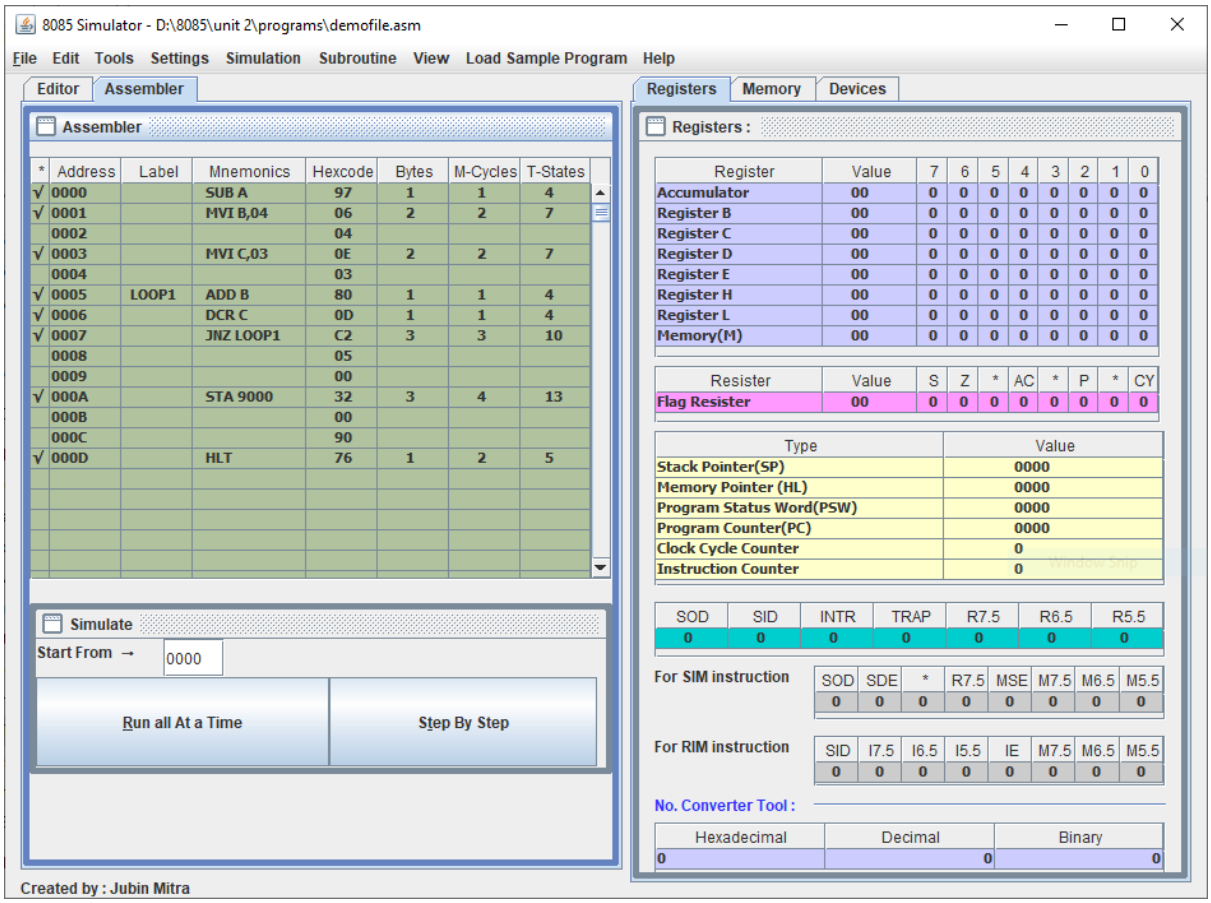
Dept. has organized a Field Trip to HPCL and Naval Dockyard Vishakhapatnam, A.P, with the students of B.Sc. M.P.Cs and M.E.Cs from 21-11-2018 to 25-11-2018, the objective of this visit is to understand the Science and Technology involved in the manufacturing of Black Oil and its applications.

Students of MPCs and MECs along with three faculty members from Dept. of Physics and Electronics, Mrs M Prasanna, Mrs V R Manjula and Mrs T Sai Santoshi have visited ISRO – NRSC, Jeedimetla, Hyderabad on 08 – 08 – 2018. A lecture session followed by a video presentation wherein a complete Satellite launching procedure starting from making of various modules to the final stage of launching of satellite into the orbit was shown. A crossword and quiz contest was organized; our students have bagged the first and third prizes for both the Quiz and Crossword events organized amongst the total of 900 students participating from 16 different colleges.

Department of Physics & Electronics has organized a guest lecture on "Physics in Real Life" by Prof.(Retd.) D. Suresh Babu , Dept. of Physics, Osmania University, Hyderabad on 20 – 09 – 2018.

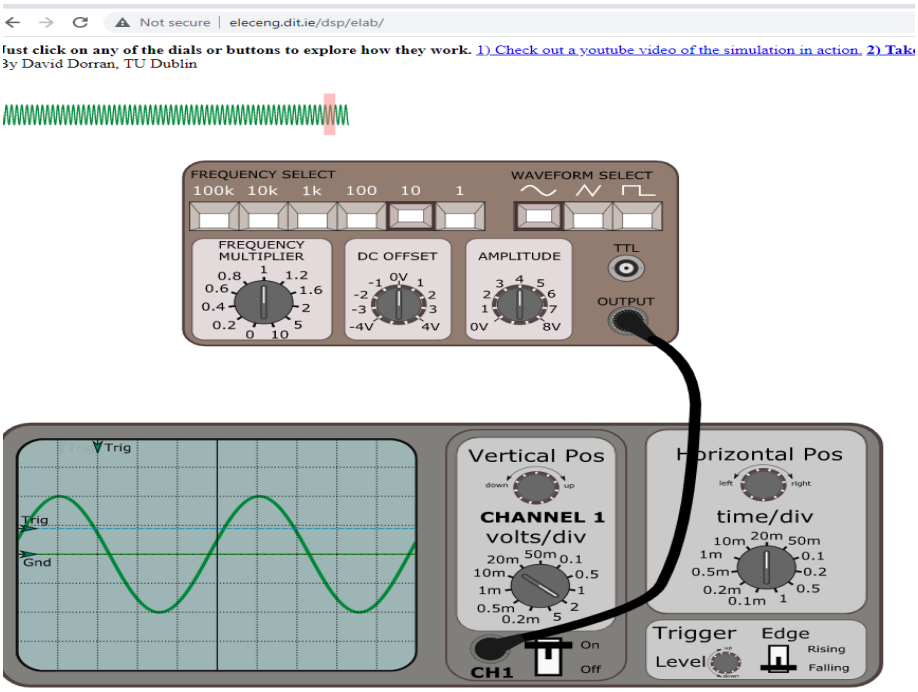


Dept. of Physics & Electronics organized a visit to MaxiVision Eye Hospital, Dr A.S.Rao Nagar, Hyderabad. The purpose of the visit is to inculcate interest among the students and developing a deeper insight in the vision related aspects by providing them an exposure to the rectifying mechanisms used for correcting the various eye defects.

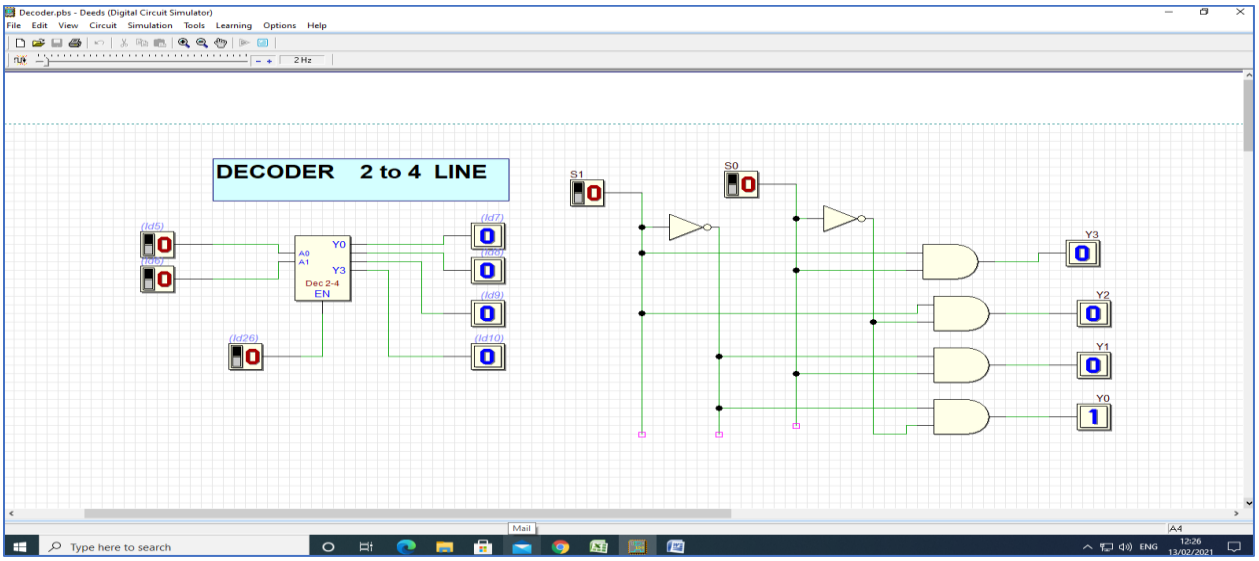


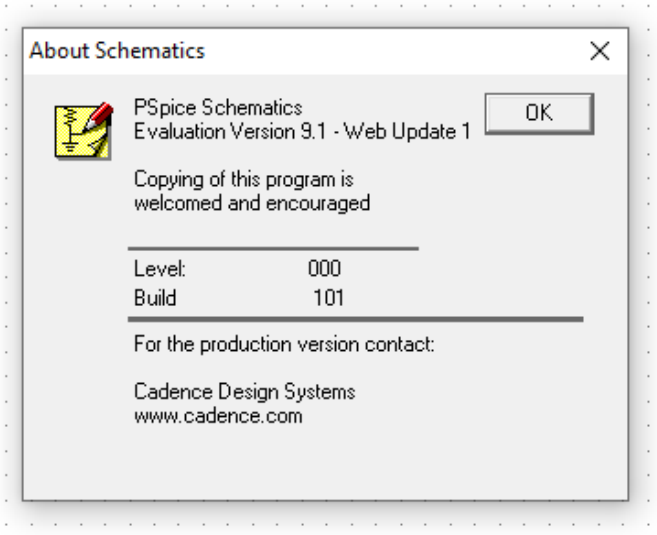
Jubin Mitra 8085 simulator for the lab experiments demonstrations…

https://www.falstad.com/circuit/



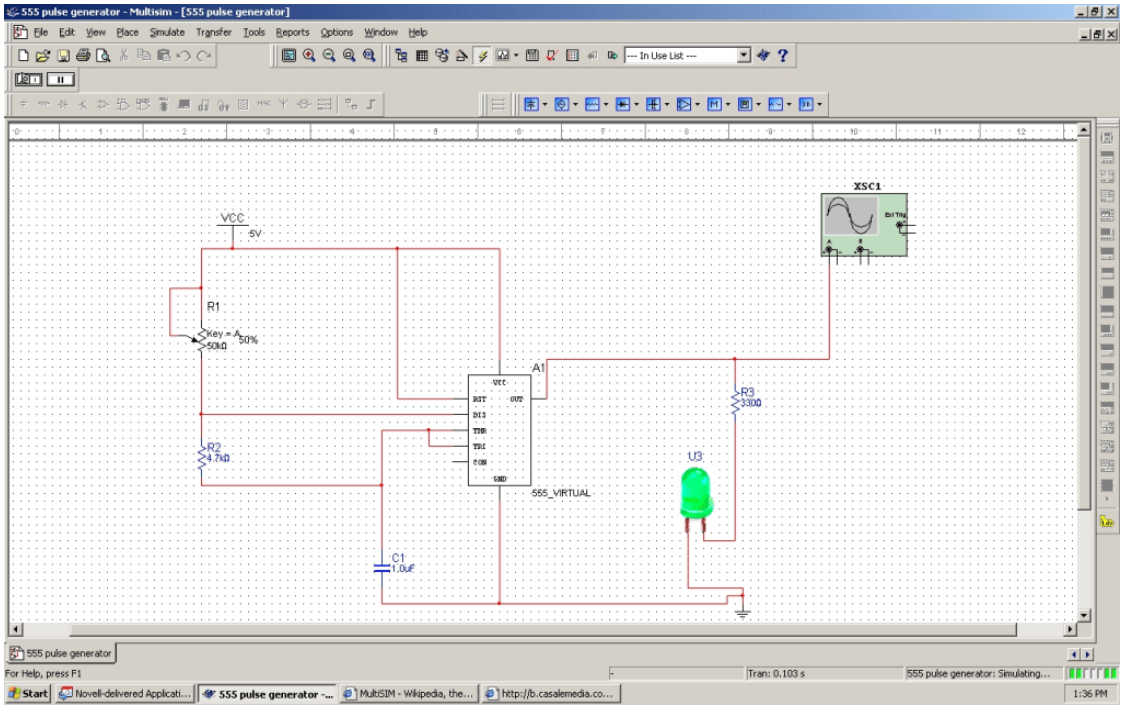
Deeds Digital Circuit Simulator

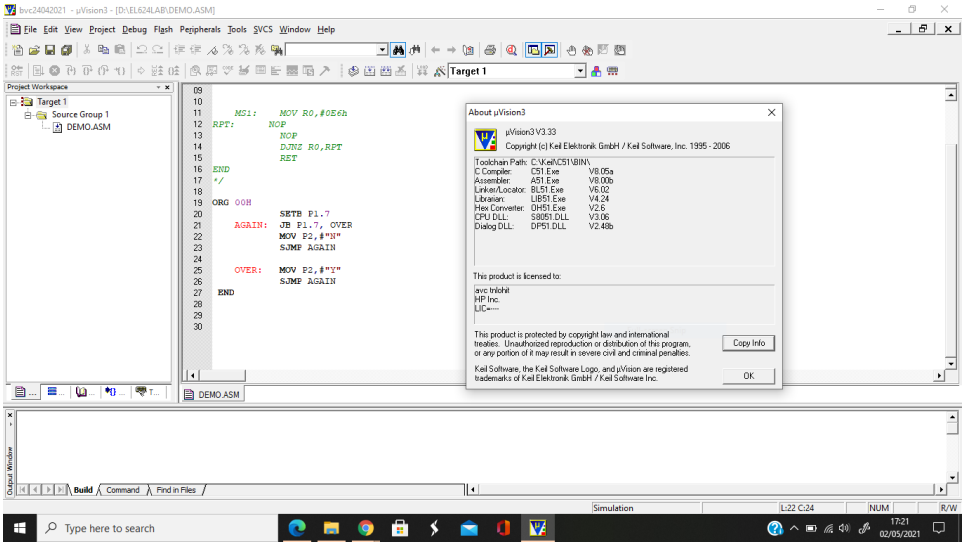




Pspice schematics 9.1 used for lab experiments

NI Multisim is an electronic schematic capture and simulation program which is part of a suite of circuit design programs, along with NI Ultiboard. Multisim is one of the few circuit design programs to employ the original Berkeley SPICE based software simulation.





keil microvision 3 v3.33