# TO WHOM IT MAY CONCERN

It gives me immense pleasure to write recommendation for – GURSIMRAN SINGH S/o Dr. Gurcharan Singh to whom I have supervised for the KVPY project 2010 in which he has done a remarkable job.

When a person thinks of interfacing a mobile phone to microcontrollers, he would simply think of Infra-Red (IR) or Bluetooth initially, but I knew that Gursimran was already working on RC-5 specifications of IR. The final version of the application he came out with a very innovative, impressive and the simplest way of reading texture from a display using a simple IR sensor connected to the A/D Converter. Also the report he made is worth mentioning here, a very logical style explaining the reason of everything that he did and choose.

Apart from this KVPY project, quite often he comes to me for some guidance and as of I know about him he is a student with great calibre, hard working and a passionate researcher with an innovative bent of mind. He has a very rare characteristic to overcome the problems he faced with a cool head. I can rank him in top 3% of the students of his class.

I wish him all the very best and hope that the selection committee will find his contribution very-very useful to the community at large.

Dr. A K Verma

Asstt. Prof. (CSED)