

## Requirement for DSP Lab

S.No	Hardware/Software	Qty.
1.	<b>DSP trainer Kit (TMS320C6748)</b> 375- and 456-MHz C674x Fixed- and Floating-Point VLIW DSP C674x Instruction Set Features Superset of the C67x+ and C64x+ ISAs Up to 3648 MIPS and 2746 MFLOPS Byte-Addressable (8-, 16-, 32-, and 64-Bit Data)	5
2.	<b>Matlab 2016 (latest version)</b> With Toolbox: signal processing, Image processing, Image Acquisition, Audio and Video Signal Processing, multi-rate signal processing, wireless sensor network, soft computing, fuzzy logic Simulink	Single Licence 30 Users