Annexure A

S. No.	Name of equipment	Qty	Remarks
01.	Monitor Control and PFC Developers Kit • Piccolo F28035 control card • PFC and dual motor control baseboard with onboard • Isolated USBJTAG emulation • 24V DC desktop power supply • 55W permanent magnet motor • Code composer V3.3 with 32KB code size limit • Detailed example software and documentation	01 no.	
02.	Stellaris® AC Induction Motor Reference Design Kit • Main control circuit board with a factory installed heatsink • 3 – phase selni appliance AC motor (0-20000 rpm) • Power cables • USB cable • Graphical control program for windows ™ on CD	01 no.	
03.	Integrated Motor Driver for Brushed and Stepper Motors with Piccolo F28035 control card • DRV8412 power module base board with control Card interface (2 x H-Bridge) • C2000 Piccolo F28035 control Card (Pre-flashed with code to spin all motors using GUI) • GUI- isolated XDS100 Emulation and serial connectivity • 2 Brushed Motors (38mm) • 1 Stepper Motor (23Y Square) • 24V power supply – USB cable- wiring for motors	01 no.	
04.	3-Phase BLDC Motor Kit with DRV8312 and Stellaris MCU • MDL-LM35818CNCD control Card module • DRV8312 baseboard (TI-integrated 3P motor driver board supporting up to 52.5V and 6.5A) • NEMA17 BLDC/PMSM 55W motor • 24V 2.5A DC power adapter, 110-240V AC input, USA power cable • USB-mini B to USB-A plug cable (for debug and serial communication)	01 no.	
05	Function Generator • 2 to 20 Mhz • Square, Sine, Triangular waveform	02 nos.	
06	Bread board with inbuilt 0-15V DC power supply	04 nos.	
07	Power suppy – DC 0-30V, 2A	02 nos.	
08.	Robotic arm	01 no.	
09.	Trainer for study of microprocessor control of a simulated linear system	01 no.	
10.	Trainer for supply of characteristics of a 2- phase a. c. motor • With the determination of forque – speed characteristics, inertia and friction parameters of an a. c. motor • With transfer function evaluation	01 no.	