



K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

ENGINEERING

Name of the Lab : DSP/Embedded Controller Lab

Name of the Lab Incharge : Jayasudha B.S.K

Name of the Instructor : Ashwini.S

Name of Attender : Eshwari R

Lab Manual Details :

Sl. NO	NAME OF THE LAB	SEM	WEBLINKS
1	DSP	V	https://drive.google.com/file/d/1IgMyP5AW_l6vIVhn2UOSG84b0bf7n8n3/view?usp=sharing
2	Embedded Controller	VI	https://drive.google.com/file/d/1ETpdOSjbSZXmyWk9G3qUfOoMB_tEDrGs/view?usp=sharing

Major Equipments in the Lab : Mat lab software, Embedded controller lab

Sl. No	Name	Specification	Qty	Amount
1	Computers	256 Mb Ram & 80 Gb HDD	2	49,038.46
		512Mb Ram(DDR2) & 80 Gb HDD	3	78,000.00
		i5, 3.1 Ghz, 4GB DDR 3 ,320GB HDD 18.5" Monitor	10	2,59,999.95
		i5, 3.3 Ghz, 4GB DDR3,500GB HDD 18.5" Monitor	3	1,13,940.00
		i5, 3.2 Ghz, 4GB DDR4,500GB HDD 18.5" Monitor	7	2,1,998.35

		DELL OPTIPLEX 5050 MT DESKTOP	1	33,350.00
2	DSP Starter Kit with emulator and code Composer studio (OMAP)	(OMAP)	5	107500
3	Matlab Software	2019 version	30	3,04,307.00
4	ARM CORTEX M3 UNIVERSITY KITS	M3 UNIVERSITY KITS	25	1,72,500.08

