LINEAR INTEGRATED LAB

The objective of linear integrated circuits lab is to *learn practical applications of operational amplifier, to design and develop circuits using operational amplifiers and to learn how to detect, amplify, store, create and manipulate signals using operational amplifiers*

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Equipment Details	
Hardware/Software	**Qty**
Decade inductance box in 5 decade	1
Frequency & Time counter 10-500MHz	1
Linear trainer kit for rectifier regulated power supply	2
Auto digital IC tester	2

Amplifier voltage using FET (DTB -16)	3
AF power amplifier (DTB – 17)	3
AC micro voltmeter	4
Decade condenser box 0-1 MFD	2
Integrating differentiating and clamping circuit trainer DB-5	3
Push – Pull amplifier	2
Push – Pull amplifier (complementary)	3
Regulated power supply (0-30V/2Amp)DC bench	2
Regulated power supply (0-30V/2Amp)DC dual power supply	2
Regulated power supply (0-30V/2Amp)DC dual power supply	2
Regulated power supply (0-30V/2Amp)DC dual power supply	6
Single pulse generator (10 MHz)	2
Trainer board on passive filter/active filter (DB-12)	2+3
Wein bridge audio oscillator	2
Power supply (linear)	10
Decade condenser box (0-10 MFD)	2
Multi-vibrator	3
Regulated DC power supply	2
Solderless bread board	10
Digital storage oscilloscope	5
Arbitrary Function generator	1
Software Asia Pac –Advanced TCAD University bundle	1
DC power supply	5
Development System board	10