



K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

ENGINEERING

Name of the Lab : Analog & Digital Communication

Name of the Lab Incharge : Sangeetha .V

Name of the Instructor : Sachin D J

Name of Attender : Usha.J

Lab Manual Details :

| Sl. NO | NAME OF THE LAB | SEM | WEBLINKS |
|--------|-----------------|-----|---|
| 1 | ADC | VII | https://drive.google.com/file/d/1BEtNRFo7qyCSv9GeOO5xAjTJgUzo8EK4/view?usp=sharing |

Major Equipments in the Lab : CROs, Micro strip Trainer Kits, AC Kits

| Sl.NO | Name | Specification | Quantity | Amount |
|-------|--------------------|---|----------|------------|
| 1 | TDM DCL-02 | Trainer kits | 2 | 11,812.50 |
| 2 | DPSK - ADCL - 01 | Trainer kits | 2 | 23,625.00 |
| 3 | QPSK ADCL - 02 | Trainer kits | 2 | 23,625.00 |
| 4 | QPSK ADCL - 03 | Trainer kits | 2 | 23,625.00 |
| 5 | PCM DCL - 03 | Trainer kits | 2 | 11,812.50 |
| 6 | PCM DCL - 04 | Trainer kits | 2 | 11,812.50 |
| 7 | CRO/DSO | 100Mhz DSO, 50Mhz DSO, 60Mhz CRO, 30Mhz CRO | 23 | 246,354.65 |
| 8 | Function Generator | 2Mhz AM/FM, 20Mhz DDS | 20 | 246,533.10 |
| 9 | Power Supply | 0-30V/2A +/-12V/1A and 5V/5A | 21 | 196,817.32 |

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|----|---------------------------------|--------------|-------|-------------|
| 10 | MICRO STRIP ANTENNA TRAINER KIT | Trainer kits | 1 SET | 54,740.00 |
| 11 | MICRO STRIP TRAINER KIT | Trainer kits | 1 SET | 1,25,208.00 |
| 12 | MICRO WAVE TEST BENCH | Trainer kits | 1 SET | 57,732.00 |

