



KSSEM
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

K. S. GROUP OF INSTITUTIONS

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU-109

Department of Civil Engineering

Laboratory Name: **Environmental Engineering Lab**

Faculty Incharge: **Dr. Rashmi H R**

Instructor: **Mrs. Roopavathi**

Lab Area: **185.3 sq.m**

Sl.No	Major Equipment	No
1	PC Based UV-VAS Spectro Photometer	1
2	Water Analyzer Kit (Colorimeter, D.O, Cond, TDS, PH Salinity, Temperature)	1
3	Controller Based Flame Photometer with Compressor	1
4	Digital Conductivity – TDS Meter with cells	1
5	Digital Nephelo/ Turbiditymeter	1
6	Digital pH meter with Electrode (LCD Display)	1
7	Digital Calorimeter	1
8	Digital Electronic Balance 220gm, Cap & 0.001 gacre	
9	BOD Incubator: 6.1 cubic feet with voltage stabilizer for indicator, volume 175 lit.	1
10	Hand hold Digital Colony Counter with 6 digit LCD buzzer & markerpen	1
11	Mini Rotary Shaker with 0-15min timer & speed regulator max 180rpm (Remy)	1
12	Magnus Inclined Binocular Microscope	1
13	Centrifuge with digital speed indicator, Safety lid lock & accessories.	1
14	Refrigerator Double Door Capacity LG make 240 lit	1
15	Double Water Distillation Unit	1
16	Muffle Furnace: 150X150X230mm 3.3Kw with digital temperature control & thermal fuse	1
17	Hot Air Oven: Size 18”X18”X18” no of chambers 2nos digital temperature controller cum indicator double wall inside chamber made of stainless steel.	1