



## **ENVIRONMENTAL ENGINEERING LABORATORY:**

The Environmental Laboratory is equipped with instrumentation need for advanced chemical and biological characterization of water, wastewater and air samples. Environmental laboratory is updated with latest instruments and equipments like BOD incubator, COD apparatus, pH meter, Muffle furnace & Nephelo turbidity meter.

The major areas of active research in this field include Air quality modeling in urban and industrial environment, Sludge treatment by physicochemical and biological process.

### **ENVIRONMENTAL ENGINEERING LABORATORYEQUIPMENTS:**

<b>S.NO</b>	<b>EQUIPMENTS</b>	<b>QUANTITY</b>
1	Digital PH Meter	02
2	Digital Turbidity Meter	02
3	Digital Conductivity Meter	02
4	Photo Colorimeter	02
5	Jar test Apparatus	01
6	Water bath 300X250X100MM	01
7	Water bath 300X300X100MM	01
8	Burette-50ml Glass	40
9	Burette-stand Metal	40
10	Pipette-20ml Glass	40
11	Pipette-10ml	10
12	Pipette-2ml Glass	20

**SRI CHANDRASEKHARENDRASARASWATHIVISWAMAHAVIDHYALAYA**

(Declared as Deemed-to-be University under Section 3 of the UGC Act, 1956,  
Vide notification No.F.9/92-U-3 dated 26<sup>th</sup> May 1993 of the Govt. of India)

ENATHUR, KANCHIPURAM - 631 561

**DEPARTMENT OF CIVIL & STRUCTURAL ENGINEERING**

13	Conical flask-250ml Glass	40
14	Conical flask-100ml Glass	25
15	Conical flask-50ml Glass	10
16	Measuring jar-5ml Glass	20
17	Measuring jar-25ml Glass	40
18	Measuring jar-50ml Glass	20
19	Measuring jar-100ml Glass	20
20	Measuring jar-250ml Glass	10
21	Measuring jar-500ml Glass	10
22	Measuring jar 1000ml Glass	05
23	Measuring jar-25ml Plastic	10
24	Measuring jar 250ml plastic	05
25	Measuring jar-500ml Plastic	05
26	Volumetric Flask- 100ml Glass	10
27	Volumetric Flask-500ml Glass	05
28	Volumetric Flask-1000ml Glass	05
29	Beaker-25ml Glass	10
30	Beaker-50ml Glass	10
31	Beaker-100ml Glass	10
32	Beaker-250ml Glass	10
33	Beaker-500ml Glass	10
34	Beaker-1000ml Glass	10
35	Beaker-50ml Plastic	05
36	Beaker-250ml Plastic	05
37	Beaker-500ml Plastic	05
38	Sample Bottle 2 Litre Glass	10
39	Sample Bottle 3 Litre Glass	10

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40	BOD Bottle-300ml Glass	25
41	BOD Bottle-125ml Glass	40
42	China Dish-4" Dia	20
43	Spatula 6" long S.S	15
44	FillerwithRubberTent-6"long	20
45	Wash Bottle 500ml	40
46	Precision Balance	01
47	Chlorine Comparator	01
48	HeatingmantlewithRegulator 500ml	03
49	HotAirOven300mm <sup>3</sup>	01
50	Muffle Furnace	01
51	WaterDistillationstand	01