

Sanjivani College of Engineering, Kopargaon

(An Autonomous Institute) Affiliated to Savitribai Phule Pune University.

At Sahajanandnagar, Post Shingnapur-423603, Ta: Kopargaon, Dist.: Ahmednagar (MS)

Approved by AICTE, ISO 9001-2015 Certified, Accredited by NBA, Accredited 'A' Grade by NAAC,

Website: www.sanjivanicoe.org.in, Email: principalcoe@sanjivani.org.in,

Ph.No.: (+91) 9130191301, Fax: (02423)-222682



Department of Civil Engineering

Environmental Engineering Laboratory Details



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Department of Civil Engineering

List of Major Equipment

- Atomic Absorption Spectrophotometer(MODROB)
- Orbital Shaker (MODROB)
- Digital Spectrophotometer
- Digital Flame photometer
- BOD Incubator
- Respirable Dust Sampler
- Digital Flocculator
- Stack Monitoring Kit

Water Testing Instruments

- Atomic Absorption Spectrophotometer(MODROB)
- Orbital Shaker
- Spectrophotometer
- Digital Flame photometer
- Digital Flocculator
- Digital pH meter
- Conductivity meter

Waste Water Testing Instruments

- Atomic Absorption Spectrophotometer(MODROB)
- Orbital Shaker
- Digital Flocculator
- Digital pH meter
- Digital Conductivity meter
- BOD Incubator
- COD Apparatus
- Digital Conductivity meter

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Department of Civil Engineering

Air Quality Assessment Instruments

- Respirable Dust Sampler
- Stack Monitoring Kit

Noise Measuring Instruments

- Digital Sound Level Meter

Other Instruments

- Autoclave
- Analytical Balance
- Digital Muffle Furnace

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Department of Civil Engineering

Major Instruments



Atomic Absorption Spectrophotometer

Manufacturer: Toshvin Analytical Pvt.Ltd.plot no.50
1st floor Panvel Industrial Co operative estaste
Ltd.Tal-Panvel,Pin-410206 Dist-Raigad

Applications: Heavy metal Analysis of Water and Wastewater



Digital Spectrophotometer

Manufacturer: Elico- Limited B-90,Sanathnagar
EXTN Hydrabad - 500 018

Applications: Analysis of Fluoride, Nitrate etc in Water



Rotary Orbital Shaker

Manufacturer: Rotary Shaker Remi make- model
Rs-24BL, Name of Supplier :Anvita Enterprises
Applications: Batch Study



Digital Flame Photometer

Manufacturer: M/s Rout Scientific General
Traders Poonna

Applications: Analysis of Ca, Mg, Na in Water

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BOD Incubator

Manufacturer: Remi Make Name Supplier:

Capricorn Scientific Cooperation Kopargaon - 423601, A.nagar

Application: Incubation of Wastewater Samples



Respirable Dust Sampler:

Manufacturer: Ms/-Netel (India) Ltd. 110/2, Kadaiya Village, Airport Road Near, Kolsite. Daman Industrial Estate, Daman - 396210.

Application: Air quality Analysis for dust, SO_x and NO_x



Digital Flocculator

Manufacturer: Vaibhav Agencies, Adarsh Apartment, Burudgaon Road, Ahmednagar

Applications: Batch Study of Water and Wastewater



Stack Monitoring

Manufacturer: Ms/-Netel (India) Ltd. 110/2, Kadaiya Village, Airport Road Near, Kolsite

Applications: Stack Monitoring (Air Sampling)

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Water Testing Instruments



Atomic Absorption Spectrophotometer

Manufacturer: Toshvin Analytical Pvt.Ltd.plot no.50
1st floor Panvel Industrial Co operative estate
Ltd.Tal-Panvel,Pin-410206 Dist-Raigad

Applications: Heavy metal Analysis of Water and Wastewater



Rotary Orbital Shaker

Manufacturer: Rotary Shaker Remi make- model
Rs-24BL, Name of Supplier :Anvita Enterprises

Applications: Batch Study



Digital Spectrophotometer

Manufacturer: Elico- Limited B-90,Sanathnagar
EXTN Hydrabad - 500 018

Applications: Analysis of Fluoride, Nitrate etc in Water



Digital Flame Photometer

Manufacturer: M/s Rout Scientific General
Traders Poona

Applications: Analysis of Ca, Mg, Na and K in Water and Wastewater

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Digital Flocculator

Manufacturer: Vaibhav Agencies, Adarsh Apartment, Burudgaon Road, Ahmednagar

Applications: Batch Study of Water and Wastewater Treatment Methods



Digital Turbidity Meter

Manufacturer: Jainco, Name Supplier: PFS Urja clo. somnath Niwas, Sr.No. 2018, Near Bhansali Trector. Nagar-Manmad Rd. Kokamthan.

Applications: Analysis of turbidity of Water and Wastewater



Digital pH Meter

Manufacturer: PFS Urja clo. somnath Niwas Sr.No. 2018, Near Bhansali Trector. Nagar-Manmad Rd. Kokamthan.

Applications: Determination of pH of Water and Wastewater



Digital Conductivity Meter

Manufacturer: Elico make Model NoiCM-183 Modern scientific Instruments co.48 A/B, Sadashiv Cross Lane, Girdhari Bhuvan, Mumbai-04

Applications: Determination of Salt conc. in Water and Wastewater

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Wastewater Testing Instruments



Atomic Absorption Spectrophotometer

Manufacturer: Toshvin Analytical Pvt.Ltd.plot

no.50 1st floor Panvel Industrial Co operative

estate Ltd.Tal-Panvel,Pin-410206 Dist-Raigad

Applications: Heavy metal Analysis of Water and Wastewater



Rotary Orbital Shaker

Manufacturer: Rotary Shaker Remi make- model

Rs-24BL, Name of Supplier :Anvita Enterprises

Applications: Batch Study



Digital Flocculator

Manufacturer:DBK make Vaibhav Agencies,
Adarsh Apt., Burudgaon Road, Ahmednagar

Applications: Batch Study of Water and Wastewater



Digital pH Meter

Manufacturer: PFS Urja clo. somnath Niwas
Sr.No. 2018, Near Bhansali Trector. Nagar-Manmad
Rd. Kokamthan.

Applications: Determination of pH of Water and Wastewater

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Digital Conductivity Meter

Manufacturer: Elico make Model NoiCM-183

Modern scientific Instruments co.48 A/B, Sadashiv Cross Lane, Girdhari Bhuvan, Mumbai-04

Applications: Determination of Salt conc. in Water and Wastewater

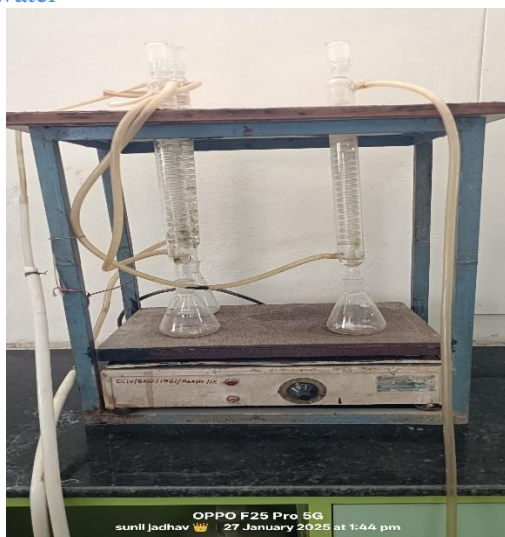


BOD Incubator

Manufacturer: Remi Make Name Supplier:

Capricorn Scientific Cooperation Kopargaon - 423601, A.nagar

Application: Incubation of Wastewater Samples



COD Apparatus

Manufacturer: Hot plate, 6. COD Hasks (250ml), Hot plate of accomodate for condensers of coiltemp control rating 2 kW. Vijay trading corporation Shrirampur.

Applications: Determination of COD of Wastewater

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Air Quality Assessment Instruments



Respirable Dust Sampler:

Manufacturer: Ms/-Netel (India) Ltd. 110/2, Kadaiya Village, Airport Road Near, Kolsite. Daman Industrial Estate, Daman - 396210.

Application: Air quality Analysis for dust, SO_x and NO_x



Stack Monitoring

Manufacturer: Ms/-Netel (India) Ltd. 110/2, Kadaiya Village, Airport Road Near, Kolsite

Applications: Stack Monitoring (Air Sampling)

Noise (Sound) Level Measuring Instrument



Digital Sound Level Meter

Manufacturer: Lutron Taiwan Make Model No SL 4010 Ranging 30 to 130 DB

Name supplier: Raut scientific & General Traders Poona

Application: Determination Noise (Sound) Level

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Other Instruments



Analytical Balance

Manufacturer: Weighing Measure L.C. 0.1mg

Make - Citizen cy -204- Model Capacity-220gm,220gm, Sai Govind Traders Shop No.8, Sanjivani Engg. College Complex, Sahajanandnagar, Kopargaon 36.03

Applications: Weighing of chemicals and samples



Digital Muffle Furnace

Manufacturer: Temp range upto 1200°C, MIC

Make, size 30x15x15cm , Modern scientific Instruments co. 48 A/B, Sadashiv cross Lane Girdhari Bhuvan Mumbai-04

Applications: Heating of Water and Wastewater Samples



Autoclave

Manufacturer: Vertical type, Model.- KI-6903, kumar ,Vijay Trading Complex Bunglow, Vidya Housing society Belapur Rd. Shriampur Pin-413709 Dist- A.nagar.

Applications: Sterilization of Glass wares