



G. S. Mandal's
MAHARASHTRA INSTITUTE OF TECHNOLOGY
DEPARTMENT OF AGRICULTURAL ENGINEERING
LABORATORY DETAILS

Environmental Pollution Monitoring Laboratory

Area:- 69.42 Sq.mt

Location: FF-206

Name of the Incharge: Ms. Priyanka Dangore



Laboratory Incharge Profile

Name & Designation : Ms. Priyanka Dangore

Qualification: M.Sc. (Microbiology)

Expertise Area: Expertise in Handling the sophisticated Instrument

Contact no: 8698279623

Email ID: Priyanka.dangore@mit.asia

Environmental Pollution Monitoring Laboratory



Laboratory Instrument/Equipment/Implement/Model/Glassware List

SR No	Name of Equipment	Quantity	Unit Cost	Cost	Remark
<u>1</u>	Infra-red moisture meter	<u>01</u>	<u>9800.00</u>	<u>9800.00</u>	
<u>2</u>	Digital Spectrophotometer	<u>01</u>	<u>27200.00</u>	<u>27200.00</u>	
<u>3</u>	Water bath	<u>01</u>	<u>6100.00</u>	<u>6100.00</u>	
<u>4</u>	LT-9 "Lyzer" Sr Lab Medical Microscope	<u>01</u>	<u>4950.00</u>	<u>4950.00</u>	
<u>5</u>	LAPIZ Colony counter	<u>01</u>	<u>9870.00</u>	<u>9870.00</u>	
<u>6</u>	LT-7 "Lyzer" Medical Microscope	<u>01</u>	<u>2700.00</u>	<u>2700.00</u>	
<u>7</u>	Petri dish	<u>02 dzn</u>	<u>18.00</u>	<u>432.00</u>	
<u>8</u>	Specimen Jar	<u>05</u>	<u>202.4</u>	<u>1012.00</u>	
<u>9</u>	Plastic test tubes with screw cap	<u>500</u>	<u>7.02</u>	<u>3510.00</u>	
<u>10</u>	Plastic Tray 450*350*75mm	<u>02</u>	<u>189.9</u>	<u>379.80</u>	
<u>11</u>	Dissection Box	<u>02</u>	<u>445.00</u>	<u>890.00</u>	
<u>12</u>	Test Tube Basket	<u>01</u>	<u>540.00</u>	<u>540.00</u>	
<u>13</u>	Forceps 4"	<u>03</u>	<u>40.5</u>	<u>121.50</u>	
<u>14</u>	Forceps 6"	<u>02</u>	<u>35.10</u>	<u>70.20</u>	
<u>15</u>	Scalpel Stainless steel	<u>02</u>	<u>22.5</u>	<u>45.00</u>	
<u>16</u>	Spatula 6"	<u>12</u>	<u>10.8</u>	<u>129.60</u>	
<u>17</u>	Plastic Test tube stand	<u>02</u>	<u>80.9</u>	<u>151</u>	
<u>18</u>	Test tube holder	<u>12</u>	<u>13.5</u>	<u>162.00</u>	
<u>19</u>	Lab Coat	<u>02</u>	<u>327.15</u>	<u>640.80</u>	
<u>20</u>	Cap	<u>02</u>	<u>31.5</u>	<u>63.00</u>	
<u>21</u>	Tissue Culture Rack with fluorescent tube	<u>01</u>	<u>21060.00</u>	<u>21060.00</u>	
<u>22</u>	Test tube	<u>10</u>	<u>13.86</u>	<u>138.60</u>	
<u>23</u>	Blade (Hexa)	<u>03</u>	<u>27.00</u>	<u>81.00</u>	
<u>24</u>	Laminar Air Flow(Horizontal)	<u>01</u>	<u>72160.00</u>	<u>72160.00</u>	
<u>25</u>	Magnetic Stirrer	<u>01</u>	<u>3696.00</u>	<u>3696.00</u>	
<u>26</u>	Laboratory Charts	<u>07</u>	<u>315.00</u>	<u>2205.00</u>	
<u>27</u>	LG Refrigerator GL-322	<u>01</u>	<u>31700.00</u>	<u>31700.00</u>	
<u>28</u>	REMI Cooling Centrifuge	<u>01</u>	<u>101192.00</u>	<u>101192.00</u>	
<u>29</u>	Specific gravity bottle	<u>01</u>	<u>300.00</u>	<u>300.00</u>	
<u>30</u>	Turbidity meter ELICO CL520	<u>01</u>	<u>14725.00</u>	<u>14725.00</u>	
<u>31</u>	Weighing Balance (TTB Wansor Electronic)	<u>01</u>	<u>5907.00</u>	<u>5907.00</u>	
<u>32</u>	JSGW Desiccator	<u>01</u>	<u>5432.00</u>	<u>5432.00</u>	
<u>33</u>	MITUTOYO Verniar Calliper 200mm	<u>01</u>	<u>3977.00</u>	<u>3977.00</u>	
<u>34</u>	REMI -R- 8C Simple centrifuge	<u>01</u>	<u>22698.00</u>	<u>22698.00</u>	
<u>35</u>	Rotational Viscometer	<u>01</u>	<u>117370.00</u>	<u>117370.00</u>	
<u>36</u>	Bomb Calorimeter Digital	<u>01</u>	<u>55900.00</u>	<u>55900.00</u>	
<u>37</u>	Motorised Pulveriser	<u>01</u>	<u>12600.00</u>	<u>12600.00</u>	
<u>38</u>	Texture Analyzer-BRK India LLP	<u>01</u>	<u>879478.00</u>	<u>879478.00</u>	
<u>39</u>	Soxhelt Extraction 500ml	<u>01</u>	<u>3960.00</u>	<u>3960.00</u>	
<u>40</u>	Soxhelt extraction 1000ml	<u>01</u>	<u>4500.00</u>	<u>4500.00</u>	

<u>41</u>	Interchangeable joints 250 ml	<u>01</u>	<u>840.00</u>	<u>840.00</u>	
<u>42</u>	Interchangeable joints 500 ml	<u>01</u>	<u>1235.00</u>	<u>1235.00</u>	
<u>43</u>	K-Jeladal Distillation Assembly A to F 2720	<u>01</u>	<u>1320.00</u>	<u>1320.00</u>	
<u>44</u>	Kjeladal Distillation Assembly F	<u>01</u>	<u>1545.00</u>	<u>1545.00</u>	
<u>45</u>	Juicer Machine	<u>01</u>	<u>21275.00</u>	<u>21275.00</u>	
<u>46</u>	Weighing Balance (ME104)	<u>01</u>	<u>76830.00</u>	<u>76830.00</u>	
<u>47</u>	Weighing Balance (ME403/404)	<u>01</u>	<u>70368.00</u>	<u>70368.00</u>	
<u>48</u>	Nitrogen/Protein Analysis(Distillation system)	<u>01</u>	<u>53600.00</u>	<u>53600.00</u>	
<u>49</u>	Nitrogen/ Protein Analysis(Distillation system)	<u>01</u>	<u>108670.00</u>	<u>108670.00</u>	
<u>50</u>	Soxo Plus Solvant Extraction system	<u>01</u>	<u>108530.00</u>	<u>108530.00</u>	
<u>51</u>	Fibro Plus Fiber Estimation system	<u>01</u>	<u>109100.00</u>	<u>109100.00</u>	
Total				<u>1981160.00(INR)</u>	
Nineteen lakh eighty one thousand one hundred sixty Rs Only.					