



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-208

Name of the Incharge: Ms. Vaishali Wankhade



Laboratory Incharge Profile

Name & Designation : Dr. Vaishali Wankhade

Qualification: PhD

Expertise Area: Expertise in Agricultural process Engineering

Contact no: 8005967336

Email ID: vaishali.wankhade@mit.asia

Environmental Pollution Monitoring Laboratory



Laboratory Instrument/Equipment/Implement/Model/Glassware List

<u>SR No</u>	<u>Name of Equipment</u>	<u>Quantity</u>	<u>Cost</u>	<u>Remark</u>
<u>1</u>	Respirable Dust Sampler APM 460	<u>01</u>	<u>100000.00</u>	
<u>2</u>	Fine Particulate PM2.5 Sampler APM 550	<u>01</u>	<u>125000.00</u>	
<u>3</u>	Spare & Acc for APMI	<u>20</u>	<u>1000.00</u>	
<u>4</u>	Gaseous Pollutant Sampler APM 433	<u>01</u>	<u>30000.00</u>	
<u>5</u>	Spares & Acc for APMI Glass impinger 35ml	<u>10</u>	<u>2000.00</u>	
<u>6</u>	Spare 7 RDS for AMPI	<u>10</u>	<u>3000.00</u>	
<u>7</u>	Spare & Acc for AMPI Chemical Kit	<u>02</u>	<u>20000.00</u>	
<u>8</u>	Personal Sampler VOC APM-802	<u>01</u>	<u>50000.00</u>	
<u>9</u>	Spares & Acc For AMPI Activated Charcoal	<u>10</u>	<u>3000.00</u>	
<u>10</u>	Stack Sampler VSS1PLS	<u>01</u>	<u>160000.00</u>	
<u>11</u>	Sound level Meter SLM	<u>01</u>	<u>100000.00</u>	
<u>12</u>	Micro Metro Monitor WM-271	<u>01</u>	<u>115000.00</u>	
<u>13</u>	Spares & Acc for WM rainfall sensor	<u>01</u>	<u>10000.00</u>	
<u>14</u>	Spares & Acc for WM Solar radiation sensor	<u>01</u>	<u>25000.00</u>	
<u>15</u>	Spares & acc for WM Berometric Pressure sensor	<u>01</u>	<u>21850.00</u>	
<u>16</u>	Handy Sampler APM	<u>01</u>	<u>16000.00</u>	
<u>17</u>	PM 1 Particulate Sampler APM 577	<u>01</u>	<u>110063.00</u>	
<u>18</u>	High Vacuum Silicon Grease	<u>02</u>	<u>2000.00</u>	
<u>19</u>	Silicon Oil	<u>1000</u>	<u>1000.00</u>	
<u>20</u>	GF/A filter 8*10 whatman(100Sheet)	<u>01</u>	<u>16000.00</u>	
<u>21</u>	PTFE filter paper 46.2		<u>36000.00</u>	
<u>22</u>	GF/A filter paper 37mm(50sheet)	<u>10</u>	<u>2000.00</u>	
<u>23</u>	Co analyzer Model serinus30	<u>01</u>	<u>400000.00</u>	
<u>24</u>	Internal Pump co-analyzer	<u>01</u>	<u>100000.00</u>	
<u>25</u>	Calibration gas cylinder for CO	<u>01</u>	<u>40000.00</u>	
<u>26</u>	Regulator & accessories	<u>01</u>	<u>5000.00</u>	
<u>27</u>	47mm filter 5micrometer size	<u>01</u>	<u>25000.00</u>	
<u>28</u>	Tedlar Bags capacity 1 ltr	<u>01</u>	<u>15000.00</u>	
<u>29</u>	Solar panel	<u>01</u>	<u>18150.00</u>	
<u>30</u>	GF/A filter paper 25mm(100 Sheet)	<u>01</u>	<u>1200.00</u>	
	<u>20 to 30 item GST 12.5%-</u>		<u>82294.00</u>	
<u>31</u>	Radwag Analytical balance Model	<u>01</u>	<u>450000.00</u>	
<u>32</u>	ORSAT Apparatus	<u>02</u>	<u>40800.00</u>	
<u>33</u>	Gas Nox Collection Assembly	<u>03</u>		
<u>34</u>	Thimble 19*19mm	<u>02pkt</u>		
<u>35</u>	Thimble 28*100	<u>02 pkt</u>		
<u>36</u>	Spare & Au for APMI dry gas meter	<u>01</u>	<u>11800.00</u>	
<u>37</u>	Glass assembly accessories Fluoride	<u>01</u>	<u>19470.00</u>	
<u>38</u>	Glass assembly total cyanide	<u>01</u>	<u>17110.00</u>	
<u>39</u>	Glass Assembly Accessories phenol distillation	<u>01</u>	<u>10030.00</u>	
<u>40</u>	Glass Assembly Accessories	<u>01</u>	<u>21830.00</u>	
<u>41</u>	Glass Colum 2*300	<u>06</u>	<u>3847.50</u>	

<u>42</u>	2 neck lead for Colum	<u>06</u>	<u>3277.50</u>
<u>43</u>	2 neck reagent bottle	<u>12</u>	<u>7125.00</u>
<u>44</u>	Glass Adaptor 120ml	<u>12</u>	<u>7125.00</u>
<u>45</u>	Glass Adaptor 200ml	<u>12</u>	<u>8265.00</u>
<u>46</u>	Cone Adaptor with arm	<u>12</u>	<u>1026.00</u>
<u>47</u>	Air Leak Tube	<u>12</u>	<u>1824.00</u>
<u>48</u>	Gas wash bottle	<u>04</u>	<u>5890.00</u>
<u>49</u>	Silicon Tube Inner dia 8mm	<u>15</u>	<u>3918.75</u>
<u>50</u>	C.I Flange with CI Ring & Asbestos	<u>6 set</u>	<u>1938.00</u>
<u>51</u>	Flow Meter shape	<u>06</u>	<u>13965.00</u>
<u>52</u>	Digital thermometer controller	<u>06</u>	<u>30780.00</u>
<u>53</u>	Heating Tap Width	<u>06</u>	<u>7980.00</u>
<u>54</u>	SDI Analysis Kit	<u>1</u>	<u>9025.00</u>
<u>55</u>	Gas tight syringe for GC1005 LTN	<u>02</u>	<u>9690.00</u>
<u>56</u>	Round bottom flask, 3 neck 1 lit	<u>01</u>	<u>641.25</u>
<u>57</u>	Mercury Seal B24	<u>01</u>	<u>1250.00</u>
<u>58</u>	Stirring Rod 10mm	<u>01</u>	<u>171.00</u>
<u>59</u>	Dean & Stark apparatus	<u>01</u>	<u>1615.00</u>
<u>60</u>	Mini stirrer with PMDC motor	<u>01</u>	<u>7220.00</u>
<u>61</u>	Teflon Purported plate BSG	<u>30 nos</u>	<u>16387.00</u>
Total			
Twenty Three Lakh forty nine thousand five hundred fifty eight Rs only			2349558.00(INR)