



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

Area:- 69.42 Sq.mt

Location: FF-212

Name of the Incharge: Ms. Vaishali Gaud

Food Engineering



Laboratory Incharge Profile

Name & Designation : Ms. Vaishali Gaud(Analyst)

Qualification: M.Sc. (Biochemistry)

Expertise Area: Expertise in Food Analysis

Contact no:

Email ID: Vaishali.gaud@mit.asia

Food Engineering



<u>SR No</u>	<u>Name of Equipment</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Cost</u>	<u>Remark</u>
<u>1</u>	Horizontal Shaking Machine	<u>01</u>	<u>16100.00</u>	<u>16100.00</u>	
<u>2</u>	Set of Five Sieve with pan	<u>01</u>	<u>2800.00</u>	<u>2800.00</u>	
<u>3</u>	Hot Plate	<u>01</u>	<u>1950.00</u>	<u>1950.00</u>	
<u>4</u>	S.S.Utensil with cover (2kg)	<u>03</u>	<u>256.33</u>	<u>769.00</u>	
<u>5</u>	Hand Refractometer (28-62%)	<u>01</u>	<u>1306.25</u>	<u>1306.25</u>	
<u>6</u>	Chart of RPEC Dryer code no.1742	<u>01</u>	<u>313.00</u>	<u>313.00</u>	
<u>7</u>	Morphy OTG	<u>01</u>	<u>11395.00</u>	<u>11395.00</u>	
<u>8</u>	Soxhlet Extraction 500ml	<u>01</u>	<u>3960.00</u>	<u>3960.00</u>	
<u>9</u>	Soxhlet Extraction 1000ml	<u>01</u>	<u>4500.00</u>	<u>4500.00</u>	
<u>10</u>	Interchangeable Joints 250ml	<u>01</u>	<u>840.00</u>	<u>840.00</u>	
<u>11</u>	Interchangeable Joints 500ml	<u>01</u>	<u>1235.00</u>	<u>1235.00</u>	
<u>12</u>	Food Processor	Complimentary			
<u>13</u>	Autoclave	<u>01</u>	<u>17600.00</u>	<u>17600.00</u>	
<u>14</u>	Hot Air Oven	<u>01</u>	<u>15859.00</u>	<u>15859.00</u>	
<u>15</u>	Refrigeration System LG	<u>01</u>	<u>31700.00</u>	<u>31700.00</u>	
<u>16</u>	Water Bath	<u>01</u>	<u>6100.00</u>	<u>6100.00</u>	
<u>17</u>	Colony Counter	<u>01</u>	<u>9870.00</u>	<u>9870.00</u>	
<u>18</u>	Magnetic stirrer	<u>01</u>	<u>3696.00</u>	<u>3696.00</u>	
<u>19</u>	Cooling Centrifuge	<u>01</u>	<u>101192.00</u>	<u>101192.00</u>	
<u>20</u>	Weighing Balance	<u>01</u>	<u>5907.00</u>	<u>5907.00</u>	
<u>21</u>	Remi R 8 C centrifuge	<u>01</u>	<u>22698.00</u>	<u>22698.00</u>	
<u>22</u>	Texture Analyzer	<u>01</u>	<u>879478.00</u>	<u>879478.00</u>	
<u>23</u>	Nitrogen/protein Analyzer(Distillation system)	<u>01</u>	<u>108670.00</u>	<u>108670.00</u>	
<u>24</u>	Soxhlet extraction soxo plus	<u>01</u>	<u>108530.00</u>	<u>108530.00</u>	
<u>25</u>	Fibro plus fiber estimation system	<u>01</u>	<u>109100.00</u>	<u>109100.00</u>	
<u>26</u>	Weighing Balance ME 304/404	<u>01</u>	<u>70368.00</u>	<u>70368.00</u>	
<u>27</u>	Hot Plate (Bio technics India)	<u>01</u>			
<u>28</u>	S S holder Set	<u>01</u>	<u>4543.00</u>	<u>4543.00</u>	
<u>29</u>	Power Supply Board	<u>01</u>	<u>1711.00</u>	<u>1711.00</u>	
<u>30</u>	Motor	<u>01</u>	<u>3584.00</u>	<u>3584.00</u>	
<u>31</u>	Deep Freezer	<u>01</u>			
<u>32</u>	pH Meter	<u>01</u>			
<u>33</u>	Mixer Grinder	<u>01</u>			
<u>34</u>	Vertex Mixture Shaker	<u>01</u>			
<u>35</u>	Sugar in wine Refractometer	<u>01</u>	<u>11772.50</u>	<u>11772.50</u>	
<u>36</u>	Hipura Food DNA Purification Kit	<u>01</u>	<u>5615.28</u>	<u>5615.28</u>	
<u>37</u>	Empty Tip Box Autoclave Capacity200micro Lt	<u>01 Box</u>	<u>385.36</u>	<u>385.36</u>	
<u>38</u>	Empty Tip Box Autoclave Capacity 1000 micro Lt	<u>01 Box</u>	<u>567.00</u>	<u>567.00</u>	
<u>39</u>	PCR Tube thin walled without graduation	<u>01</u>	<u>2003.40</u>	<u>2003.40</u>	
<u>40</u>	Pipette tips neutral color volume 10mcl	<u>01 Box</u>	<u>462.67</u>	<u>462.67</u>	

<u>41</u>	Pipette tips neutral color volume 200mcl	<u>01 Box</u>	<u>511.056</u>	<u>511.056</u>	
<u>42</u>	Centrifuge Tube 15 ml orange cap sterile autoclaveble	<u>1 Box</u>	<u>846.70</u>	<u>846.70</u>	
<u>43</u>	32-0.2 ml well PCR thermal cycler	<u>01</u>	<u>84000.00</u>	<u>84000.00</u>	
<u>44</u>	Electrophoresis power supply	<u>01</u>	<u>15750.00</u>	<u>15750.00</u>	
<u>45</u>	Hi-UV Max trans illuminator	<u>01</u>	<u>47250.00</u>	<u>47250.00</u>	
<u>46</u>	Hi-UV Max Capture	<u>01</u>	<u>2100.00</u>	<u>2100.00</u>	
<u>47</u>	Empty Tip Box Capacity 200 micro Lt	<u>01</u>	<u>385.56</u>	<u>385.56</u>	
<u>48</u>	Pipette tips blue volume 1000mcl	<u>01</u>	<u>556.68</u>	<u>556.68</u>	
<u>49</u>	Varivol II Micropipette 100-1000 Micro Lt	<u>01</u>	<u>2630.88</u>	<u>2630.88</u>	
<u>50</u>	GMO Detection Kit	<u>01</u>	<u>18429.78</u>	<u>18429.78</u>	
<u>51</u>	Varivol II Micropipette 50-200 micro Lt	<u>01</u>	<u>2630.88</u>	<u>2630.88</u>	
<u>52</u>	Steam Distillation Assembly	<u>01 set</u>	<u>8260.00</u>	<u>8260.00</u>	
<u>53</u>	Tap Spin Micro centrifuge	<u>01</u>	<u>50400.00</u>	<u>50400.00</u>	
Total: Eighteen Lakh three hundred thirty Rs forty paise Only.				<u>1800330.40(INR)</u>	