



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

Irrigation & Drainage Engineering Lab

Area:- 69.42 Sq.mt

Location:FF-602

Name of the Incharge: Dr.Deepak Jadhav



Laboratory Incharge Profile

Name & Designation : Dr. Deepak Jadhav (Asst.Professor)

Qualification: Ph.D

Expertise Area: Expertise in enhancement of microbial fuel cells through electrode modifications along with development of bioelectric toilet

Contact no: 8208179186

Email ID: Deepak.jadhav@mit.asia



G.S.Mandal's

Maharashtra Institute of Technology Aurangabad
Department of Agricultural Engineering, Lab-602

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> | Infiltrimeter Apparatus | <u>01</u> | <u>16700.00</u> | MIT(T)/AED/IDE/2007/001 |
| <u>2</u> | Water Current Meter | <u>01</u> | <u>7600.00</u> | MIT(T)/AED/IDE/2007/002 |
| <u>3</u> | Sand Filter | <u>01</u> | <u>24000.00</u> | MIT(T)/AED/IDE/2014/003 |
| <u>4</u> | Disc Fibre Arcal | <u>01</u> | <u>6477.00</u> | MIT(T)/AED/IDE/2014/004 |
| <u>5</u> | Hydro cyclone Filter | <u>01</u> | <u>7464.00</u> | MIT(T)/AED/IDE/2014/005 |
| <u>6</u> | All Venturi Assembly | <u>01</u> | <u>4830.00</u> | MIT(T)/AED/IDE/2014/006 |
| <u>7</u> | Fertigation Tank | <u>01</u> | <u>5900.00</u> | MIT(T)/AED/IDE/2014/007 |
| <u>8</u> | Pressure Gauge | <u>02</u> | <u>1200.00</u> | MIT(T)/AED/IDE/2014/008 |
| <u>9</u> | Sand Filter Mani Fold 2.5 Gravel | <u>01</u> | <u>5100.00</u> | MIT(T)/AED/IDE/2014/009 |
| <u>10</u> | Control Valve (PP Ball) 2" | <u>01</u> | <u>546.00</u> | MIT(T)/AED/IDE/2014/0010 |
| <u>11</u> | Control Valve (PP Ball Valve) 3" | <u>01</u> | <u>1100.00</u> | MIT(T)/AED/IDE/2014/0011 |
| <u>12</u> | Control Valve (PP Ball Valve) 4" | <u>01</u> | <u>2400.00</u> | MIT(T)/AED/IDE/2014/0012 |
| <u>13</u> | PVC Pipe | <u>07</u> | <u>2800.00</u> | MIT(T)/AED/IDE/2014/0013 |
| <u>14</u> | PVC Fitting | <u>02</u> | <u>4000.00</u> | MIT(T)/AED/IDE/2014/0014 |
| <u>15</u> | Head Unit Fitting | <u>01</u> | <u>1500.00</u> | MIT(T)/AED/IDE/2014/0015 |
| <u>16</u> | Lateral Pipe | <u>100mm</u> | <u>1015.00</u> | MIT(T)/AED/IDE/2014/0016 |
| <u>17</u> | Drip Line | <u>300mm</u> | <u>3345.00</u> | MIT(T)/AED/IDE/2014/0017 |
| <u>18</u> | Foggers 4*7.5 30cm | <u>65</u> | <u>8372.00</u> | MIT(T)/AED/IDE/2014/0018 |
| <u>19</u> | PVC Flesh Valve 75 | <u>02</u> | <u>206.00</u> | MIT(T)/AED/IDE/2014/0019 |
| <u>20</u> | Rubber Gromate | <u>100 Nos</u> | <u>400.00</u> | MIT(T)/AED/IDE/2014/0020 |
| <u>21</u> | Start Nipple 16 mm | <u>100 Nos</u> | <u>353.00</u> | MIT(T)/AED/IDE/2014/0021 |

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|--------------|--------------------------------|-----------|-------------------------|--------------------------|
| <u>22</u> | Drip Accessories Box Set | <u>01</u> | <u>5000.00</u> | MIT(T)/AED/IDE/2014/0022 |
| <u>23</u> | Tensiometer Standard Model | <u>01</u> | <u>2700.00</u> | MIT(T)/AED/IDE/2008/0023 |
| <u>24</u> | Hydronut Pan Evapori meter | <u>01</u> | <u>10600.00</u> | MIT(T)/AED/IDE/2008/0024 |
| <u>25</u> | Rectangular Water Made Plate | <u>01</u> | <u>3400.00</u> | MIT(T)/AED/IDE/2007/0025 |
| <u>26</u> | Trapazoidal weir | <u>01</u> | <u>3400.00</u> | MIT(T)/AED/IDE/2007/0026 |
| <u>27</u> | V-Notch | <u>01</u> | <u>3400.00</u> | MIT(T)/AED/IDE/2007/0027 |
| <u>28</u> | Hindustan Water Stage Recorder | <u>01</u> | <u>14600.00</u> | MIT(T)/AED/IDE/2008/0028 |
| Total | | | <u>148408.00</u> | |

Lab Incharge

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