



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S  
RESEARCH FOUNDATION  
(Deemed to be University under section 3 of the UGC Act 1956)



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## **DEPARTMENT OF BIOTECHNOLOGY**

### **17BTCC83- MICROBIOLOGY LABORATORY**

#### **LIST OF EXPERIMENTS**

<b>S.No</b>	<b>List of Experiments</b>
<b>1</b>	<b>Principles Of Microscopy</b>
<b>2</b>	<b>Sterilization</b>
<b>3</b>	<b>Preparation Of Culture Media For Micro Organisms</b>
<b>4</b>	<b>Preparation Of Agar Slants And Agar Plates</b>
<b>5</b>	<b>Pure Culture Techniques</b>
<b>6</b>	<b>Simple Staining</b>
<b>7</b>	<b>Gram's Staining</b>
<b>8</b>	<b>Enumeration Of Bacteria From Soil</b>
<b>9</b>	<b>Environmental Sample Analysis</b>
<b>10</b>	<b>Analysis of Milk Sample</b>
<b>11</b>	<b><i>In vitro</i> Determination Of Anti Microbial Sensitivity</b>
<b>12</b>	<b>Bacterial Growth Curve</b>
<b>13</b>	<b>Quantitation Of Microbes</b>
<b>14</b>	<b>Effect Of Different pH on Bacterial Growth</b>
<b>15</b>	<b>Biochemical Test-Indole production test</b>
<b>16</b>	<b>Urease test</b>

HOD/BIOTECH