

**Telangana Tribal Welfare Residential Degree College for (women) Rajanna
Sircilla**

Physics department lab infrastructure

<u>S.No</u>	Name of the item	<u>Quantity</u>
<u>1</u>	Lab tables with switch boards	<u>4</u>
<u>2</u>	Small stools	20
<u>3</u>	Big stools	20
<u>4</u>	Beeruva	01
<u>5</u>	Chairs	01
<u>6</u>	Open racks	3
<u>7</u>	Fans	2
<u>8</u>	Lights	2
<u>9</u>	Small table	01
<u>10</u>	Writing boards	2

Physics Lab equipment list

<u>S.no</u>	<u>Name of equipment</u>	<u>Quantity</u>
<u>1</u>	Lee's disc apparatus	<u>5</u>
<u>2</u>	Thermal efficiency of electrical kettle	<u>5</u>
<u>3</u>	Fly wheel	<u>5</u>
<u>4</u>	Sonometer with 2 riders and 3 wires	<u>5</u>
<u>5</u>	Spectrometer	<u>3</u>
<u>6</u>	Platinum resistance thermometer	<u>5</u>
<u>7</u>	Calibration of thermocouple	<u>5</u>
<u>8</u>	Reading telescope	<u>3</u>
<u>9</u>	Pendulum bobs	<u>10</u>
<u>10</u>	Stand with clamp	<u>20</u>
<u>11</u>	Stop clock	<u>5</u>
<u>12</u>	Rubber corks	<u>15</u>
<u>13</u>	Rubber hammer	<u>10</u>
<u>14</u>	Screw guage	<u>10</u>

<u>15</u>	Vernier calipers	10
<u>16</u>	Prisms	5
<u>17</u>	Thermometers	10
<u>18</u>	Wire guage	10
<u>19</u>	Watch glass	10
<u>20</u>	Meter scale	20
<u>21</u>	Slotted weights	10
<u>22</u>	Capillary tubes	5
<u>23</u>	Compound pendulums	7
<u>24</u>	Torsion pendulums	5
<u>25</u>	bifilar pendulum	7
<u>26</u>	Tuning forks	5
<u>27</u>	spring constant apparatus	5
<u>28</u>	pullfrich refractometer	5
<u>29</u>	mirror strips	5
<u>30</u>	convex lens	10
<u>31</u>	Pointed needle with rubber kark	10
<u>32</u>	Diffraction gratings	5
<u>33</u>	sodium vapour lamp	2
<u>34</u>	mercury vapour lamp	2
<u>35</u>	resolving power of telescope	3
<u>36</u>	Copper calorie meter	5
<u>37</u>	glass beakers	10
<u>38</u>	travelling microscope	2
<u>39</u>	Air wedge set	2
<u>40</u>	plane glass plates	4
<u>41</u>	laser source	2
<u>42</u>	Pull French refractometer	2
<u>43</u>	polarimeter	2
<u>44</u>	cathode ray oscilloscope	1

<u>45</u>	PN junction diode kit	2
<u>46</u>	jeenaar diode kit	2
<u>47</u>	jeenath diode voltage regulator kit	2
<u>48</u>	And, or, not truth table kit	1
<u>49</u>	NAND, nor truth table kit	1
<u>50</u>	Thermistor kit	1
<u>51</u>	Fet characteristics kit	1
<u>52</u>	SCR characteristics kit	1
<u>53</u>	ujt characteristics kit	1
<u>54</u>	RC phase shift oscillator	1
<u>55</u>	RC coupled amplifier	1
<u>56</u>	digital multimeters	5
<u>57</u>	Helium neon laser source	2
<u>58</u>	Photoelectric cell kit	1
<u>59</u>	photo detector	1
<u>60</u>	Photocell	1
<u>61</u>	LEDs with different colours	3
<u>62</u>	EBay m solenoid method	1
<u>63</u>	Thevenin's kit	1
<u>64</u>	Norton kit	1
<u>65</u>	Super position theorem kit	1
<u>66</u>	maximum power transfer kit	1
<u>67</u>	Desolate bridge kit	1
<u>68</u>	Anderson bridge kit	1
<u>69</u>	ballistic galvanometer	2
<u>70</u>	mutual inductance by absolute method	1
<u>71</u>	photovoltaic cell	1

<u>72</u>	4 probe method kit	1
73	BH curve unit	1
74	Dielectric constant kit	1
75	electromagnetic focusing kit	1
76	function generator	2