



**SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY, KODAKARA**

**PHL120**

**ENGINEERING PHYSICS LAB**

**Lab In-charges: Mrs.Jimi K J**

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**LIST OF EXPERIMENTS**

**Cycle No. 1**

<b>Exp. No</b>	<b>Name of the experiment</b>
<b>1</b>	<b>AIR WEDGE</b>
<b>2</b>	<b>SPECTROMETER: WAVELENGTH OF MONOCHROMATIC LIGHT</b>
<b>3</b>	<b>MELDES STRING</b>
<b>4</b>	<b>NUMERICAL APERTURE OF AN OPTIC FIBRE</b>
<b>5</b>	<b>WAVELENGTH OF LASER USING GRATING</b>

**Cycle No. 2**

<b>6</b>	<b>NEWTON'S RINGS</b>
<b>7</b>	<b>CHARACTERISTICS OF A SOLAR CELL</b>
<b>8</b>	<b>C R O</b>
<b>9</b>	<b>DISPERSIVE POWER OF GRATING</b>
<b>10</b>	<b>RESOLVING POWER OF GRATING</b>