

## 4. Division of Photometry and Radiometry Metrology

### 4.1.Laboratory: Radiometry

#### 4.1.1. Course Name: Physical Measurement for Optical Electromagnetic Radiation

Content	Duration	Date
<ul style="list-style-type: none"><li>• Introduction to radiometry</li><li>• Optical sources</li><li>• Optical detectors</li><li>• Spectroradiometry</li><li>• Uncertainties in radiometric measurements</li><li>• Lab tour</li></ul>	3 days	13-15 February 2024

#### 4.1.2. Course Name: Testing the Performance of Phototherapy Equipment

Content	Duration	Date
<ul style="list-style-type: none"><li>• Introduction to radiometry</li><li>• Optical phototherapy source</li><li>• Phototherapy radiometers</li><li>• Uncertainties in measurements</li><li>• Lab tour</li></ul>	2 days	6-7 March 2024

**4.1.3. Course Name: Applications and Hazards of Ultra Violet Radiation**

Content	Duration	Date
<ul style="list-style-type: none"><li>• Introduction to radiometry</li><li>• Ultra violet radiometers</li><li>• Ultra violet sources</li><li>• Ultra violet Applications</li><li>• Ultra violet hazards</li><li>• Uncertainties in measurements</li><li>• Lab tour</li></ul>	3 days	14-16 May 2024

**4.1.4. Course Name: Spectral Analysis**

Content	Duration	Date
<ul style="list-style-type: none"><li>• Introduction to radiometry</li><li>• The mechanisms used in spectral analysis</li><li>• Devices</li><li>• Lab tour</li></ul>	2 days	9-10 October 2024