Ans → Earth is a non-inertial frame because it has acceleration due to orbital motion (Rotatory motion) around the sun and spin motion about its own axis. But for describing motion for bodies on earth it is considered on inertial frame.

(1) Wien's Displacement law → states that the black body radiation curve for different temperatures will peak at different wavelengths that are inversely proportional to the temperature wiens displacement law may be refered to as wiens law a term which is also used for the wien approximation

(2) Newton's Ring → Concentric circular fringes are formed in the wedge shaped thin film due to interference these circular fringes of Interference are known as Newton Rings.

Application → FRED allows for simulation of physical optic phenomena such as diffraction and interference. with this capability components such as Gaussion laser beams and interferometers can be accurately modeled and incorporated into optical system.