

**RADIOLOGICAL RISK ASSESSMENT IN THE ENVIRONS OF  
MOGA AND BARNALA DISTRICTS OF PUNJAB**

**A  
THESIS  
SUBMITTED TO**



**MAHARAJA RANJIT SINGH  
PUNJAB TECHNICAL UNIVERSITY  
BATHINDA, PUNJAB (INDIA)**

**IN FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF**

**DOCTOR OF PHILOSOPHY  
IN  
FACULTY OF SCIENCES**

**By  
Supriya Rani  
(Registration No.–18406FPE01)  
Department of Physics  
Maharaja Ranjit Singh Punjab Technical University  
Bathinda, Punjab, India  
(AUGUST 2022)**