

**Department of Physics**

**E-content (B.Sc. III Hons.)**

**Subject: Nuclear Radiation and Detection**

**Teacher Name: Dr. Pallavi Gupta**

**Lectures:**

1. Lecture on "Scintillator detectors"

[https://drive.google.com/drive/folders/1lyzb2-65U5W4iLeD8BjryKbzN\\_sSCnWZ](https://drive.google.com/drive/folders/1lyzb2-65U5W4iLeD8BjryKbzN_sSCnWZ)

2. Lecture on "GM Counter"

<https://drive.google.com/drive/folders/1Y5mXckSXJABt9RFHpTrcnL6K0cHWfW6G>

3. Lecture on "Detection of slow and fast neutrons"

<https://drive.google.com/drive/folders/1CW4wMD9ADWP19q8jXoxiSjAylolkTF1>

4. Lecture on "Ionisation Chamber"

[https://drive.google.com/file/d/1V3emZKEgVeH0wZrwsVUsJrO5eIYtJTBH/view?usp=share\\_link](https://drive.google.com/file/d/1V3emZKEgVeH0wZrwsVUsJrO5eIYtJTBH/view?usp=share_link)

5. Lecture on "Sources of background"

[https://drive.google.com/file/d/1g3vFQD0\\_T5zWbgl4Cc-qgARiUq6q1cHD/view?usp=sharing](https://drive.google.com/file/d/1g3vFQD0_T5zWbgl4Cc-qgARiUq6q1cHD/view?usp=sharing)