REFERENCES


58. M.J. Berger and J. Doggett, 'Response function of NaI(Tl) scintillation
68. H. Itadzu, T. Iguchi, A. Uritani and J. Kawarabayashi, ‘Evaluation of response functions of 16” x 16” x 4” large sized NaI(Tl) detector for


Papers published in International Journals:

1. Coherent and Incoherent scatterings for measurement of mandibular bone density and stable iodine content of tissue  
   Amandeep Sharma, M.P. Singh, Bhajan Singh and B.S. Sandhu  

2. A Gamma Scattering Technique for Inspecting Density Variation  
   Amandeep Sharma, M.P. Singh, Bhajan Singh and B.S. Sandhu  

3. Non-destructive evaluation of Pb-Sn alloys by scattering of 145 keV gamma rays  
   M.P. Singh, Amandeep Sharma, B. S. Sandhu and Bhajan Singh  

4. A non-destructive technique for assigning effective atomic number to scientific samples by scattering of 59.54 keV gamma photons  
   M.P. Singh, Amandeep Sharma, Bhajan Singh and B.S. Sandhu  

5. Non-destructive evaluation of scientific and biological samples by scattering of 145 keV gamma rays  
   M.P. Singh, Amandeep Sharma, Bhajan Singh and B.S. Sandhu  
   *Radiation Measurements*, **45** (2010) 960

6. Incoherent scattering of gamma photons for non-destructive tomographic inspection of pipeline  
   Amandeep Sharma, B.S. Sandhu and Bhajan Singh  

7. Experimental response function of NaI(Tl) detector for gamma photons and tomographic measurements for defect detection  
   Amandeep Sharma, K. Singh, Bhajan Singh and B.S. Sandhu  

8. Non-destructive testing for gamma photon absorption and scattering measurements  
   Amandeep Sharma, Bhajan Singh and B.S. Sandhu  
   *Indian J. Phys.* (accepted for publication)

9. A non-destructive scattering technique for investigation of pulmonary edema  
   Amandeep Sharma, B.S. Sandhu and Bhajan Singh  
   *Appl. Radiat. Isot.* (submitted after revision)

10. A Gamma Ray Tomographic Densitometer System for the Investigation of Concrete Structure  
    Amandeep Sharma, B.S. Sandhu and Bhajan Singh  
    *J. Korean Phy. Soc.* (communicated)
Conference/symposia attended:

(a) International
1. 9th Asian International Seminar on Atomic and Molecular Physics (October 4-8, 2010), Korea Institute for advanced study, Seoul, Korea

(b) National
1. 12th Punjab Science Congress (February 7-9, 2009), PAU Ludhiana
2. National conference on Advanced Materials and Radiation Physics, (March 9-10, 2009), SLIET Longowal, Sangrur
3. 16th National Symposium on SSNTD-16 (November 9-11, 2009), Department of Physics, GNDU, Amritsar
4. 31st Annual Conference of Association of Medical Physicists of India (November 18-21, 2010), SGPGI, Lucknow
5. National Symposium on Radiation Physics and Nanomaterials (February 4-5, 2011), Department of Physics, Punjabi University Patiala
6. 14th Punjab Science Congress (February 7-9, 2011), SLIET Longowal, Sangrur

National workshop/seminar attended:
1. National Workshop on Radiochemistry and Applications of Radioisotopes (November 29 - December 08, 2007), Department of Physics, Kurukshetra University, Kurukshetra
3. National seminar on Radiation and Materials (March 10-11, 2008), Department of Physics, Punjabi University Patiala
4. National Workshop on Computer Laboratory Training in Physics (December 22-26, 2008), Department of Physics, Punjabi University Patiala
5. National seminar on Recent Advances and Future Trends in Digital Image Processing (March 30, 2010), Department of Computer Science, Punjabi University Patiala

Best poster presentation awards received at:
1. 9th Asian International Seminar on Atomic and Molecular Physics (October 4-8, 2010), KIAS, Seoul (Korea)
2. National Conference on Materials & Radiation Physics (March 9-10, 2009), SLIET, Longowal (India)