

List of publication in Journals (Published/ Accepted/ Communicated)

1. **Kajaria, A.**, Sharma, N., Sharma, S., Pradhan, S., Mandal, A., & Aggarwal, L. M. "Study of the dosimetric properties of an unflattened 6-MV photon beam by using the BEAMnrc code". **Published in Journal of the Korean Physical Society (Springer), 69(4), 657-665, (2016). [SCI Index Journal]**
2. **Kajaria, A.**, Sharma, N., Sharma, S., Pradhan, S., Mandal, A., & Aggarwal, L. M. "Monte Carlo study of a flattening filter-free 6 MV Photon Beam using the BEAMnrc code". **Published in Biomedical Research (Allied Academies, U.K), 28(4), 1566-1573 (2017). [SCI Index Journal]**
3. **Kajaria, A.**, Sharma, N., Sharma, S., Pradhan, S., Mandal, A., & Aggarwal, L. M. "Study of unflattened photon beams shaped by multileaf collimator using BEAMnrc code" . **Published in Journal of Radiotherapy in Practice (Cambridge University press U.K), 15(4), 392-401, (2016). [Journal Index in Emerging source citation index (ESCI) & Scopus]**
4. **Kajaria, A.**, Sharma, N., Sharma, S., Pradhan, S., Mandal, A., & Aggarwal, L. M. "Monte Carlo study of unflattened photon beams shaped by multileaf collimator" . **Accepted for Publications in Journal of Biomedical physics and Engineering (available as Online first). [Journal Index in PubMed Central & Scopus]**
5. **Kajaria, A.**, Sharma, N., Sharma, S., Pradhan, S., Mandal, A., & Aggarwal, L. M. "Monte Carlo calculation of 6 MV Varian Linac photon beam Spectral characteristics using the BEAM code". **Published in International Journal of Applied Engineering Research (IJAER) .11(14), 8185- 8194, (2016) . [Journal Index in Scopus]**
6. **Kajaria, A.**, Sharma, N., Sharma, S., Pradhan, S., Mandal, A., & Aggarwal, L. M. "Analysis of Radiation Transport through Multileaf Collimators Using BEAMnrc Code" . **Published in American Journal of Biomedical Engineering, 6(4), 124-131, (2016) .**

7. **Kajaria, A.**, Sharma, N., Sharma, S., & Aggarwal, L. M. "Monte Carlo Based Simulation Analysis of Unflattened Photon Beam ". **Communicated in European journal of scientific research . [Journal Index in Scopus]**

8. **Kajaria, A.**, Sharma, N., Sharma, S., & Aggarwal, L. M. "Analysis of Dosimetric Properties of an unflattened 6-MV photon Beam by using the Monte Carlo Simulations ", **Communicated in Journal of Biomedical physics and Engineering . [Journal Index in PubMed Central & Scopus]**

9. **Kajaria, A.**, Sharma, N., Sharma, S., & Aggarwal, L. M. "Monte Carlo Study of multileaf collimator shaped unflattened photon beam ", **Communicated in International Journal of Applied Engineering Research (IJAER). [Journal Index in Scopus]**

10. **Kajaria, A.**, Sharma, N., Sharma, S., & Aggarwal, L. M. "Monte Carlo Simulation in Radiotherapy for Modelling of Radiation Transport and Dose calculation: a Review ", **Communicated in International Journal of Applied Engineering Research (IJAER) . [Journal Index in Scopus]**