

Refereed Conference Publications:

1. **Correlating yrast isomers and shape co-existence in ^{152}Dy ,** D. Pramanik, A. Adhikary, M. Saha Sarkar, S. Sarkar, S. Ray, A. Chakraborty, Krishichayan, R. Kshetri, I. Ray, S. Ganguly, M. K. Pradhan, M. Ray Basu, R. Raut, G. Ganguly, S. S. Ghugre, A. K. Sinha, S. K. Basu, S. Bhattacharya, A. Mukherjee, P. Banerjee, A. Goswami, selected for Poster Presentation in DAE-BRNS Symp. Nucl. Phys. (India) 62, (2017).
2. **Confirmation of a prolate structure for ^{153}Ho ,** Dibyadyuti Pramanik, M. Saha Sarkar, S. Sarkar, Proc. Int. DAE-BRNS Symp. Nucl. Phys. (India) 58, 302 (2013), Poster Presentation.
3. **High spin states in ^{33}S ,** Abhijit Bisoi, S. Ray, D. Pramanik, R. Kshetri, S. Nag, K. Selvakumar, P. Singh, A. Goswami, S. Saha, J. Sethi, T. Trivedi, B.S.Naidu, R. Donthi, V. Nanal, R. Palit, S. Sarkar and M. Saha Sarkar, Proc. Int. DAE-BRNS Symp. Nucl. Phys. (India) 58, 266 (2013).
4. **Measurement of Intrinsic Neutron Detection Efficiency of a Liquid Scintillator using Digital Data Acquisition System,** Abhijit Bisoi, D. Pramanik, B. Dey and M. Saha Sarkar, Proc. Int. DAE-BRNS Symp. Nucl. Phys. (India) 58, 998 (2013).
5. **Neutron detection by Pulse Shape Discrimination and Time of Flight techniques,** Anirudh Chandra, Dibyadyuti Pramanik, Abhijit Bisoi, Krishichayan, Chandi Charan Dey, Maitreyee Nandy and M. Saha Sarkar, Proc. Int. DAE-BRNS Symp. Nucl. Phys. (India) 58, 938 (2013).
6. **Study of background radiation and environmental radioactivity using high purity germanium detector,** Shubhangi T Mane, Dibyadyuti Pramanik, T.B. Mane, A.K. Sharma, Maitreyee Nandy, Proc. Int. DAE-BRNS Symp. Nucl. Phys. (India) 58, 912 (2013).
7. **Study of Intrinsic Photo peak Efficiency of NaI(Tl) Detectors at 662 KeV,** Supriti Sen, Anirudh Chandra, Dibyadyuti Pramanik, Maitreyee Saha Sarkar, Proc. Int. DAE-BRNS Symp. Nucl. Phys. (India) 58, 934 (2013).
8. **Competing collectivity and multiplet structure in ^{154}Ho ,** Dibyadyuti Pramanik, Abhijit Bisoi, Subhendu Rajbanshi, S. Bhattacharya, Sudatta Ray, S. S. Ghugre, A. K. Sinha, S. Saha, J. Sethi, B. S. Naidu, R. Donthi, V. Nanal, R. Palit, M. Saha Sarkar, S. Sarkar, Proc. DAE-BRNS Symp. Nucl. Phys. (India) 57, 212 (2012), Oral Presentation.
9. **Characteristics of Si-PIN diode X Ray Detector with DSP electronics,** Juhi Dutta, Abhijit Bisoi, Dibyadyuti Pramanik, Sudatta Ray, Archisman Saha, Srijita Tapader, M. Saha Sarkar, Proc. DAE-BRNS Symp. Nucl. Phys. (India) 57, 904 (2012).

- 10. Characterization of Clover Detector for an Offline detector array**, Abhijit Bisoi, Sudatta Ray, Dibyadyuti Pramanik, Suparna Hazra, Punya Chakravarty, Supriti Sen, M. Saha Sarkar, Proc. DAE-BRNS Symp. Nucl. Phys. (India) 57, 906 (2012).
- 11. Correlating states across isomers in ^{152}Ho isotope**, Dibyadyuti Pramanik, Abhijit Bisoi, Sudatta Ray, A. Chakraborty, G. Dey, Krishichayan, Ritesh Kshetri, Indrani Ray, S. Ganguly, M. K. Pradhan, M. Ray Basu, R. Raut, G. Ganguly, S. S. Ghugre, A. K. Sinha, S. K. Basu, A. Goswami, P. Banerjee, A. Mukherjee, S. Bhattacharya, M. Saha Sarkar, S. Sarkar, Proc. DAE-BRNS Symp. Nucl. Phys. (India) 57, 392 (2011), Poster Presentation.
- 12. High Spin Spectroscopy of ^{34}Cl** , Abhijit Bisoi, Sudatta Ray, Dibyadyuti Pramanik, Ritesh Kshetri, Somnath Nag, K. Selva Kumar, Purnima Singh, A. Goswami, S. Saha , J. Sethi, T. Trivedi, B. S. Naidu, R. Donthi, V. Nanal, R. Palit, Sukhendusekhar Sarkar, Maitreyee Saha Sarkar, Proc. DAE-BRNS Symp. Nucl. Phys. (India) 56, 362 (2011).
- 13. Search for possible radionuclide dispersion near Kolkata from the Fukushima reactor accident**, Banhi Chatterjee, Aditya Priyant, Abhijit Bisoi, Sudatta Ray, Dibyadyuti Pramanik, M. Saha Sarkar, Maitreyee Nandy, Proc. DAE-BRNS Symp. Nucl. Phys. (India) 56, 1124 (2011).
- 14. Study of side-feeding time for light mass nuclei**, Sudatta Ray, Abhijit Bisoi, Dibyadyuti Pramanik, Ritesh Kshetri, Somnath Nag, K. Selva Kumar, Purnima Singh, A. Goswami, S. Saha, J. Sethi, T. Trivedi, B. S. Naidu, R. Donthi, V. Nanal, R. Palit, Sukhendusekhar Sarkar, M. Saha Sarkar, Proc. DAE-BRNS Symp. Nucl. Phys. (India) 56, 394 (2011).
- 15. Study of nano - second isomers near ^{146}Gd** , Dibyadyuti Pramanik, Abhijit Bisoi, Sudatta Ray, A. Chakraborty, Gautam Dey, Krishichayan, R. Kshetri, I. Ray, S. Ganguly, M. K. Pradhan, R. Raut, M. Ray Basu, G. Ganguly, S. S. Ghugre, A. K. Sinha, S. K. Basu, A. Goswami, P. Banerjee, A. Mukherjee, S. Bhattacharya, M. Saha Sarkar, S. Sarkar, Proc. DAE-BRNS Symp. Nucl. Phys. (India) 55, 14 (2010), Oral Presentation.
- 16. Evolution of nuclear structure in $^{151-154}\text{Ho}$ isotopes**, Dibyadyuti Pramanik, Abhijit Bisoi, S. Ray, A. Chakraborty, G. Dey, Krishichayan, R. Kshetri, I. Ray, S. Ganguly, M. K. Pradhan, R. Raut, M. Ray Basu, G. Ganguly, S. S. Ghugre, A. K. Sinha, S. K. Basu, A. Goswami, P. Banerjee, A. Mukherjee, S. Bhattacharya, M. Saha Sarkar, S. Sarkar, Proc. DAE-BRNS Symp. Nucl. Phys. (India) 55, 74 (2010), Poster Presentation.