

7.2 PUBLICATIONS IN SYMPOSIA CONFERENCES AND REPORTS

1. R. P. Adak, A.K. Dubey, J. Saini, S. Chattopadhyay, V. Jain, S. Das, “*Testing of Triple-GEM chambers at High Intensity Beam for CBM Experiment*”, DAE-NP Symposium **59** (2014) 840
2. Zubayer Ahammed, Rama Narayan, Premomoy Ghosh, Tapan Nayak, *Development of GEM Based Detector for ALICE TPC*, DAE-NP Symposium **59** (2014) 838
3. Md. A. Asgar, T. Roy, G. Mukherjee, Soumik Bhattacharya, S. Bhattacharyya, C. Bhattacharya, S. Bhattacharya, A. Chaudhuri, K. Banerjee, S. Kundu, S. Manna, R. Pandey, and J.K. Meena, *Target Coulex and the Production of Po Isotopes by Fusion Evaporation Reaction*”, Proc. of DAE-BRNS Symposium on Nuclear Physics, **59**, 246 (2014).
4. Md. A. Asgar, T. Roy, G. Mukherjee, Soumik Bhattacharya, Abhirup Chaudhuri, V. Srivastava, S. Bhattacharyya, S. Bhattacharya, C. Bhattacharya, T.K. Ghosh, K. Banerjee, S. Kundu, R. Pandey, T.K. Rana, P. Roy, S. Manna, J.K. Sahoo, J.K. Meena, A.K. Saha, R. Mondal Saha, P. Mukhopadhyay, A. Choudhury, and I. Shaik, “*Characterization of a segmented clover detector*”, Proc. of DAE-BRNS Symposium on Nuclear Physics, **59**, 882 (2014).
5. Debasis Atta and D. N. Basu, “*Near Barrier Fusion Cross-sections for Medium-Heavy Nuclei*”, DAE-BRNS Symp. on Nucl. Phys. **59** (2014) 384.
6. Debasis Atta, D. N. Basu, “*Locating Inner Edge of the Neutron Star Crust from Stability of Neutron Star Matter*”, DAE-BRNS Symp. on Nucl. Phys. **59** (2014) 784.
7. T. Bhattacharjee, D. Banerjee, A. Saha, P. Das and S. K. Das, “*Measurement of Lifetime and Quadupole moments in neutron rich $^{131,132}\text{I}$* ”, HFI/NQI, Australia, (2014).
8. S. Bhattacharyya, D. Banerjee, S.K. Das, Soumik Bhattacharya, G. Mukherjee, T. Bhattacharjee, A. Chowdhury, P. Das, R. Guin and A. Saha, “*Decay Spectroscopy of neutron-rich nucleus ^{132}I* ”, DAE Nuclear Physics Symposium, Physics Department, BHU, Varanasi, (2014).
9. S.K. Bandyopadhyay, Nabanita Dutta, Subhashis Rana, Pintu Sen, A. K. Himanshu and P.K. Chakraborty: “*High value of ferroelectric polarization in BFO*”: AIP Conference Proceedings **1591**, (2014) 1680-1682
10. D. Banerjee, A. Saha, T. Bhattacharjee, P. Das and S. K. Das, “*Lifetime measurements in neutron rich Iodine nuclei*”: abstract book of 75 years of Nuclear Fission: Present status and Future perspective, May 08-10, page no. 72 (2014).
11. D. Banerjee and S. K. Das, “*A Nuclear Hyperfine Study of Hafnium Zirconate System*”, ARCEBS, Saha Institute of Nuclear Physics, Kolkata, (2014).
12. D. Banerjee, S. K. Das and S. V. Thakare, “*Short-Range Texture Formation in Anatase: A TDPAC Study*”, HFI/NQI, Australia, (2014).

13. I. Banerjee, D. Mukherjee, K. De, S. Chattopadhyay, M. Mukherjee, A. K. Bandyopadhyay, P. Chakrabarti, M. Misra, "*Radiolabeling, stability study, biodistribution and scintigraphy of Paclitaxel loaded surface-modified lipid nanoparticle*", Proceedings of 46th Annual Conference of Indian Soc. of Nuclear Medicine (SNMICON-2014) during 11th Dec-14th Dec, SINP, Kolkata, Page No. 20-21.
14. K. Banerjee, T. K. Ghosh, Pratap Roy, C. Bhattacharya, A. Chowdhury, R. Panday, S. Kundu, T. K. Rana, G. Mukherjee, S. Bhattacharya, G. Mohonto, R. Dubey, N. Sanesh, P. Sugathan, R. Guin, S. K. Das, P. Bhattacharya, "*Fission dynamic study in $^{243}\text{Am}^*$ and $^{254}\text{Fm}^*$ nuclei*", Proc. of DAE-BRNS Symposium on Nuclear Physics, **59**, 318 (2014).
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16. S. Bhattacharyya, D. Banerjee, S.K. Das, Soumik Bhattacharya, G. Mukherjee, T. Bhattacharjee, A. Chowdhury, P. Das, R. Guin, A. Saha, "*Decay Spectroscopy of neutron-rich nucleus ^{132}I* ", Proc. of DAE-BRNS Symposium on Nuclear Physics, **59**, 130 (2014)
17. Soumik Bhattacharya, S. Bhattacharyya, S. Das Gupta, H. Pai, G. Mukherjee, R. Palit, A. Shrivastava, T. Bhattacharjee, S. Chanda, A. Chatterjee, V. Nanal, S.K. Pandit, S. Saha, J. Sethi and S. Thakur, "*Angular distribution and polarization for transitions in ^{200}Tl* ", Proc. of DAE-BRNS Symposium on Nuclear Physics, **59**, 120 (2014).
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19. T. Bhattacharjee, D. Banerjee, A. Saha, P. Das and S. K. Das- "*Measurement of Lifetime and Quadupole moments in neutron rich $^{131,132}\text{I}$* ", 5th Joint International Conference on Hyperfine Interactions and International symposium on Nuclear Quadupole Interactions (HFI/NQI-2014).
20. S. Bhattacharyya, D. Banerjee, S. K. Das, Soumik Bhattacharya, S. Das Gupta, G. Mukherjee, T. Bhattacharjee, A. Chowdhury, P. Das, R. Guin, H. Pai, "*Lifetime Measurements and Decay Spectroscopy of ^{132}I* ", EPJ Web of Conferences **66**, 02009 (2014).
21. P.S. Chakraborty, "*Status of Variable Energy Cyclotron (K130) at Kolkata*" Invited talk, DAE Symposium on Nuclear Physics, Dec 08-12, 2014, BHU, Varanasi
22. S. Chatterjee, T. Bandyopadhyay, M. Sengupta Mitra and R Ravishankar, "Empirical corrections in the estimation of radioactivity content of vidual samples -A Monte Carlo Simulation", IARPNC2014, Mar 19-21, 2014, BARC, Mumbai.
23. S. Chattopadhyay, S. S. Das, L. Barua, A. De, U. Kumar, S.S. Pal, Madhusmita, Md. A. Neyar, M. K. Das, "*An automated computer controlled module for preparation of sodium [$^{99\text{m}}\text{Tc}$] pertechnetate using (n, γ) ^{99}Mo -molybdate solution: TCM-AUTODOWNA generator*", Proceedings of 46th Annual Conference of Indian Soc. of Nuclear Medicine (SNMICON-2014) during 11th Dec-14th Dec., SINP, Kolkata, Page No. 26-27.

24. A. Chaudhuri, T.K. Ghosh, K. Banerjee, S. Bhattacharya, C. Bhattacharya, S. Kundu, J. K. Meena, R. Mondal Saha, G. Mukherjee, R. Pandey, T.K. Rana, P. Roy, T. Roy, A. K. Saha, J. K. Sahoo, V. Srivastava, and P. Bhattacharya, "*Shell effects in fission fragment mass distributions*", Proc. of DAE-BRNS Symposium on Nuclear Physics, **59**, 478 (2014).
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26. P. Das et al., "*Change of electron capture nuclear decay rate in different media and under compression*", Proceedings of the DAE Symp. on. Nucl. Phys. **59** (2014) 25.
27. J. Datta, H.S. Biswas, S. Kumar, D.P. Chowdhury, N.R. Ray and A.V.R. Reddy, "*Study of depth profile of Hydrogen in Hydrogenated Diamond like Carbon thin film by Ion Beam Analysis techniques*", DAE-BRNS Fifth Symposium on Nuclear Analytical Chemistry (NAC-V) at Bhabha Atomic Research Centre, during January 20-24, 2014 Trombay, Mumbai, India.
28. J. Datta, R. Guin and D.P. Chowdhury, "*Determination Of Arsenic In Ground Water Using External Irradiation Of Liquid Sample By Charged Particle Activation Analysis*", Third International Conference on Application of RadiotraCers and Energetic Beams in Sciences (ARCEBS-14), January 12-18, 2014, Kolkata, India.
29. J Datta, S. Dasgupta, R. Verma, D.P. Chowdhury, J.P. Nilaya, and D.J. Biswas; "*The measurement of surface erosion of D9 material in micron order during laser ablation by thin layer activation technique*", National Conference on "*Current Trends in Advanced Materials*" (CTMat-2014) at VECC, during November 19-21, 2014 Kolkata, India.
30. Aparajita Dey, S. Ganguly, V. Srivastava, T. K. Rana, S. Kundu, K. Banerjee, P. Roy, H. Pai, C. Bhattacharya, T. K. Ghosh, R. Pandey, G. Mukherjee, J. K. Meena, M. R. Gohil, S. Bhattacharya, "*Elastic scattering of alpha particles from ^{28}Si target*", Proc. of DAE-BRNS Symposium on Nuclear Physics, **59**, 472 (2014).
31. Balaram Dey, Deepak Pandit, Srijit Bhattacharya, Debasish Mondal, S Mukhopadhyay, Surajit Pal, A De, K Banerjee, S R Banerjee "*Experimental investigation on temperature dependence of nuclear level density parameter*", DAE-BRNS Symp on NP, **Vol 59** (2014) 76.
32. A.K. Dubey, G.S.N. Murthy, J. Saini, S. Chattopadhyay, "*Building and testing a large size triple GEM detector at VECC*", DAE-NP Symposium 59 (2014) 956
33. Rajesh Ganai, Kshitij Agarwal, Biranchi Narayan Muduli, Subhasis Chattopadhyay, Zubayer Ahammed, "*Developement and Characterisation of Bakelite RPC.*", DAE-NP Symposium **59** (2014) 908
34. S. Ganguly, S. Sinha, A. Gupta, C. Nandi, B. R. Sarkar, S. Chattopadhyay, L. Barua, U. Kumar, A. De, S.S. Das, "*Regular usage of TCM-AUTOSOLEX MODULE for obtaining sodium [^{99m}Tc]- pertechnetate at RRMCC, VECC IN KOLKATA*", Proceedings of 46th annual conference of Indian Soc. of Nuclear medicine (SNMICON-2014) during 11th Dec-14th Dec., SINP, KOLKATA, Page no. 16-17.

35. Vikas Jain, J Saini, A Dubey, S Chattopadhyay, R Ravishankar, T Bandyopadhyay, Swagat Mandal, Jubin Mitra, Abhijit Saha “*Radiation test of active LVDB component with 60Co Gamma chamber and Neutron irradiation at VECC Cyclotron*”, DAE-NP Symposium **59** (2014) 906
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37. Bidhan Chandra Mandal, Nisith Kumar Das, Jedidiah Pradhan, Md. Z A Naser, Anindya Roy. “*Engineering challenges for dilution fridge*”, 25th National Symposium on Cryogenics (NSC25), Hyderabad, Telengana, Dec 8-10, (2014).
38. S. Manna, C. Bhattacharya, T. K. Rana, V. Srivastava, K. Banerjee, S. Kundu, P. Roy, R. Pandey, A. Chaudhuri, T. Roy, T. K. Ghosh, G. Mukherjee, S. Bhattacharya, J. K. Meena, S. K. Pandit, K. Mahata, P. Patle, A. Shrivastava, V. Nanal and S. Pal, “*Fragment emission mechanism in $^{12,13}\text{C} + ^{12}\text{C}$ reactions*”, Proc. of DAE-BRNS Symposium on Nuclear Physics, **59**, 560 (2014).
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40. R. Pandey, C. Bhattacharya, S. Kundu, K. Banerjee, S. Manna, T. K. Rana, J.K. Meena, T. Roy, A. Chaudhuri, Md. A. Asgar, V. Srivastava, A. Dey, M. Sinha, G. Mukherjee, P. Roy, T. K. Ghosh, S. Bhattacharya, A. Srivastava, K. Mahata, S.K. Pandit, P. Patle, S. Pal, V. Nanal, “*Study of fragment emission in $^{32}\text{S} + ^{12}\text{C}$ reaction*”, Proc. of DAE-BRNS Symposium on Nuclear Physics, **59**, 614 (2014).
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42. S. K. Pandit, A. Shrivastava, K. Mahata, V. V. Parkar, R. Palit, S. Bhattacharyya, V. Nanal, P. C. Rout, A. Kumar, K. Ramachandran, P. Patle, P. Gupta, S. Biswas, S. Saha, J. Sethi, P. Singh, and S. Kailas, “*Complete and incomplete fusion for $^7\text{Li} + ^{93}\text{Nb}$ reaction*”, Proceedings of the DAE Symp. on Nucl. Phys. **59**, 340 (2014).
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