

List of Publications

Reviewed conference proceedings

1. A.N. Gadaria, Nakul R. Soni, J.N. Pandya, “Masses and magnetic moment of doubly heavy baryons”, DAE Symp. Nucl. Phys. 61 (2016) **698-699**.
2. A.N. Gadaria, Nakul R. Soni, Raghav Chaturvedi, Ajay Kumar Rai, J.N. Pandya, “Decay properties of Ξ_{cc}^{++} baryon”, DAE Symp. Nucl. Phys. 63 (2018) **912-913**.
3. A.N. Gadaria, J.J. Patel, N.R. Soni, J.N. Pandya, “Masses and decay properties of Σ_c baryons”, DAE Symp. Nucl. Phys. 64 (2019) **635-636**.
4. Raghav Chaturvedi, Vikas Patel, N.R. Soni, A.N. Gadaria, J.J. Patel et al. “Computation of decay constant and digluon decay width of Charmonia”, AIP Conf. Proc. 2220 (2020) 1, 140048.
5. Nakul Rajendrakumar Soni, Aidos Issadykov, Akshay N. Gadaria, Janaki J. Patel, Jignesh N. Pandya, “Weak rare decays for $B \rightarrow \omega$ transitions within covariant confined quark model framework”, AIP Conf. Proc. 2377 (2021) 1, 090006.
6. Nakul Soni, Janaki Patel, Akshay Gadaria, Jignesh Pandya, “Decay properties of heavy quarkonia employing Cornell potential”, 65th DAE BRNS Symposium on nuclear physics, **607-608**.
7. Aidos Issadykov, Nakul Soni, Akshay Gadaria, Janaki Patel, Jignesh N. Pandya, “ $B \rightarrow \pi$ Decay Form Factors from Covariant Confined Quark Model”, PoS PANIC 2021 (2022) 171.
8. Janaki J. patel, Akshay N. Gadaria, Nakul Rajendrakumar Soni, Jignesh N. Pandya, “Mass Splitting of D and D_s mesons using modified spin-spin interaction Potential”, DAE Symp.Nucl.Phys. 67 (2024) **913-914**.

9. J.J. Patel, A.N. Gadaria, N.R. Soni, J.N. Pandya, “Decay constant and leptonic decay of D_s meson”, PoS. Vol. 462 - HQL2023, <https://doi.org/10.22323/1.462.0070>.
10. Akshay N. Gadaria, Jignesh N. Pandya, Pietro Santorellic, Nakul R. Soni, “Rare decays of B_c meson”, PoS. Vol. 462 - HQL2023, <https://doi.org/10.22323/1.462.0087>.