

List of Publications

- (1) Kirit N. Lad, Margi K. Patel, Arun Pratap, Brownian motion with time-dependent friction and single-particle dynamics in liquids, *Physical Review E*. **105**, 064107 (2022).
- (2) Kirit N. Lad, Margi K. Patel, A. Pratap, J. N. Pandya, Reply to Comment on Brownian motion with time-dependent friction and single-particle dynamics in liquids, *Physical Review E*. **108**, 064107 (2023).
- (3) Margi K. Patel, Irfan Malek, Mit C. Shah, Kirit N. Lad, Arun Pratap, Correlation between Entropy and Glass-forming Ability in Cu-Zr and Cu-Zr-Al alloys, *Materials Today: Proceedings*. **47**, 587-591 (2021).
- (4) Margi K. Patel, Deepak Upadhyay, Kirit N. Lad, Arun Pratap, Yttrium Enhanced Glass-Forming Ability of Zr-Based Metallic Glasses, *Indian Journal of Pure & Applied Physics* **59**, 803-810 (2021).
- (5) Margi K. Patel, Naveen K. Acharya, Arun Pratap, The experimental Investigation of Kinetics of Glass-Transition of ZBLAN Glass By Using Differential Scanning Calorimetry, *Indian Journal of Pure & Applied Physics* **61**, 15-18 (2023).