

In this talk, we explore the dynamics of an inflationary model in the context of logamediate and exponential eras. To achieve this, the framework of generalized induced gravity having non-minimal coupling with Ricci scalar is taken under consideration. Using slow-roll approximation and a generalized form of coupling function, we conduct the mathematical analysis of cosmological perturbations. In both eras, we constraint the involved model parameters by comparing the r - n_s trajectories with Planck2015 astrophysical data. Also, we reconstruct these inflationary models assuming as attractors the scalar spectral index and tensor-scalar ratio as a function of e -folding.