

Publications

The following are the research publications resulted from the present thesis work.

- **D. M. Pandya, V. O. Thomas and R. Sharma** *Modified Finch and Skea stellar model compatible with observational data*, Astrophysics and Space Science, Vol. (356), pp. 285-292 (2015).
- **V. O. Thomas and D. M. Pandya** *Compact stars on pseudo-spheroidal spacetime compatible with observational data*, Astrophysics and Space Science, Vol. (360), pp. 59 (2015).
- **V. O. Thomas and D. M. Pandya** *A new class of solutions of compact stars with charged distributions on pseudo-spheroidal spacetime*, Astrophysics and Space Science, Vol. (360), pp. 39 (2015).
- **B. S. Ratanpal, V. O. Thomas and D. M. Pandya** *Anisotropic star on pseudo-spheroidal spacetime*, Astrophysics and Space Science, Vol. (361), pp. 65 (2016).
- **B. S. Ratanpal, V. O. Thomas and D. M. Pandya** *A new class of solutions of anisotropic charged distributions on pseudo-spheroidal spacetime*, Astrophysics and Space Science, Vol. (360), pp. 53 (2015).
- **V. O. Thomas and D. M. Pandya** *Anisotropic compacts stars on paraboloidal spacetime with linear equation of state*, Eur. Phys. J. A, Vol. (53), pp. 120 (2017).

- **D. M. Pandya and V. O. Thomas** *Models of compact stars on paraboloidal spacetime satisfying Karmarkar condition* (Communicated).