

Publications

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

- **B. S. Ratanpal, V. O. Thomas and Rinkal Patel**, *Compact relativistic stars under Karmarkar condition*, New Astronomy, **100**:1–6 (2023).
<https://doi.org/10.1016/j.newast.2022.101970>
- **B. S. Ratanpal and Rinkal Patel**, *Anisotropic approach: compact star as a generalized model*, Astrophysics and Space Science, **368**:1–10 (2023).
<https://doi.org/10.1007/s10509-023-04171-9>
- **Rinkal Patel, B. S. Ratanpal and D. M. Pandya**, *New charged anisotropic solution on paraboloidal spacetime*, Astrophysics and Space Science, **368**:1–11 (2023).
<https://doi.org/10.1007/s10509-023-04213-2>
- **Rinkal Patel, B. S. Ratanpal and R. Sharma**, *Anisotropic star with Linear equation of state*.
<https://doi.org/10.1007/s12648-024-03297-y>
- **Rinkal Patel and B. S. Ratanpal**, *A Various Equation of State for Anisotropic Models of Compact Star*(Communicated).