

## List of Publications:

1. *Her X-1: A Quark-Diquark Star?*,  
Sharma R & Mukherjee S, Mod. Phys. Lett. A (2001) **16**, 1049.
2. *General solution for a class of static charged spheres*,  
Sharma R, Mukherjee S & Maharaj S D , Gen. Rel. Grav. (2001) **33**, 999.
3. *Scaling Property in Cold Compact Stars*,  
Sharma R, Mukherjee S & Maharaj S D , Mod. Phys. Lett. A (2000) **15**, 1341.
4. *Radiative spherical collapse with heat flow*,  
Govender M, Govinder K S, Maharaj S D, Sharma R, Mukherjee S & Dey T K  
(2001) (*communicated*).
5. *A general relativistic model for SAX J 1808.4-3658*,  
Sharma R, Mukherjee S, Dey M & Dey J (2001) (*communicated*).
6. *A Core-Envelope Model for Compact Stars*,  
Sharma R & Mukherjee S, (2001) (*communicated*).