List of Publications

1. *Multiwavelength Daytime photometer-A new tool for the investigation of atmospheric processes*
   R. Sridharan, N. K. Modi, D. Pallam Raju, R. Narayanan, **Tarun K. Pant**, Alok Taori and D Chakrabarty
   *(To appear in Measurement Science and Technology)*

2. *A case study of the low latitude thermosphere during geomagnetic storms and its new representation by improved MSIS model*
   **Tarun K. Pant** and R. Sridharan
   *(To appear in Ann. Geophys.)*

Papers presented at conferences and symposia

1. *The low latitude thermosphere-ionosphere system during moderate geomagnetic storm*
   **Tarun Kumar Pant**, S. Gurubaran, R. Sridharan
   presented at : 8th National Space Science Symposium, 1994

2. *The energy inputs during geomagnetic storms and the response of the low latitude thermosphere-ionosphere system*
   **Tarun K. Pant** and R. Sridharan
   presented at : 9th National Space Science Symposium, 1996

3. *The response of the equatorial/low latitude thermosphere-ionosphere system for moderate geomagnetic storms and their representation by the existing models - A case study*
   **Tarun K. Pant** and R. Sridharan
   poster at : STPW ’96 Japan
4. Evidence for significant upper thermospheric contribution to $O(1S)$ 557.7nm dayglow by ground based dayglow photometry
   R. Sridharan, Alok Taori, **Tarun K. Pant**, D. Chakrabarty and D. Pallam Raju
   presented at: IAGA '97 Uppsala, Sweden

5. The equatorial ionosphere-thermosphere system during geomagnetically disturbed periods
   R. Sridharan and **Tarun K. Pant**
   presented at: IAGA'97 Uppsala, Sweden

6. A new approach to parameterise the local and nonlocal processes into the MSISE-90 model and its application to low latitudes
   **Tarun K. Pant** and R. Sridharan
   presented at: National Space Science Symposium, 1997