List of publications related to this thesis work.

1. **P. K. Sharma**, J. P. Singh and D. Bora,
   Experimental study of a microwave produced toroidal plasma.

2. **P. K. Sharma** and D. Bora,
   Experimental study of a toroidal magnetized plasma in the presence of a weak vertical magnetic field.

List of publications on other BETA experiments.

3. **P. K. Sharma** and D. Bora,
   Modification of low frequency instabilities with high frequency pump waves.

4. S. Sen, **P. K. Sharma**, G. Prasad, Y. C. Saxena and D. Bora,
   Suppression of Rayleigh-Taylor type fluctuations by velocity shear.

5. S. Sen, **P. K. Sharma** and D. Bora,
   Role of flow shear and flow curvature in the suppression of low frequency fluctuations.