**Project on Equine Piroplasmosis**

**Capacity Building**
- World epidemiology
- Outbreaks in 2011

**Research Activities**
- Recombinant antigen based ELISA
  - EMA-1
  - EMA-2
  - Expression of gene fragment from most hydrophilic region
  - Nested-PCR
  - Immunokinetics of specific antibodies on serum samples collected from T. equi experimentally infected animals.
  - Unknown serum samples from field collected.
- Genomic Variability
  - Cloned & sequenced EMA-1 gene from Indian strains of T. equi
  - Developed phylogenetic tree with other Theileria, Babesia & Plasmodium sp.

**Discussion on Project progress**
- With Prof. I. Igarashi (NRCPO, OIE-Expert) and Dr S. Ayyappan, DG (ICAR) & Secretary (DARE)
- Dr KML Pothuk, DDG (AS) & Dr Gaya Prasad, ADG (AH)

**Working with OIE Expert at an Equine Health Camp organised at Humangarh and collected samples**