Work Report (period 1.3.2014 to 31.3.2014) by RRU

1. Performed GCC duty as per GCC schedule.

2. Learned about JSON library & JSON parser.

3. Modified Online_V2 so that It can read source list as well as Azoffset,ELoffset,Antenna longitude, latitude from a file.Online_v2 now read track.dat & trkset.dat for the source information & Azoffset, ELoffset etc.

4. Worked on Embedding Python in C. Made sample program which are working properly.

5. Wrote pyenv.h & pyenv.c files in online_V2 software to interface Python environment. Successfully interfaced Online_V2 with Python Environment. SET RF_ATTN command is able to set RF upto MCM level.
   S04 MCM IP 192.168.8.126 configured as fiber_optics system. Command sent from python environment reach there & Online_V2 get back the response.

6. Shifted all network connection on new switch. PC104 card is directly connected to antenna switch & Online_V2 is communicating with PC104 card without any problem.

7. Worked with Naresh for testing Fiber Optics system.

8. Worked with Deepak, tested commands for fiber optics & sentinel system from Python Environment. Multiple antenna communication also tested with Python Environment