**Figure a)**: DEM of study area, **Figure b)**: Elevation zones in of study area

**Figure c)**: Aspect map of study area
Figure d): Calibrated Sigma0HH image, (30th March 2008)

Figure 2: Snow density maps derived from approach-II for study area
a): Snow density derived for 20th January 2008, approach-II
Figure 2 b): Snow density derived for 25th January 2008, approach-II

Figure 2 c): Snow density derived for 20th January 2009, approach-II
**Figure 3**: Snow density variation with Elevation Zones (EZs) of study area

**a)**: 20\textsuperscript{th} January 2008 (ASAR) snow density classes vs. EZs

**b)**: 25\textsuperscript{th} January 2008 (ASAR) snow density classes vs. EZs

**c)**: 20\textsuperscript{th} January 2009 (ASAR) snow density classes vs. EZs
Figure 3 d): 09th December 2009 (PALSAR) snow density classes vs. EZs

Figure 4: Snow density variation with Aspect Zones (AZs) of study area
a): 20th January 2008 (ASAR) snow density classes vs. AZs
**Figure 4 b):** 25\(^{th}\) January 2008 (ASAR) snow density classes vs. AZs

![Graph showing snow density classes vs. aspect zones for 25\(^{th}\) January 2008 (ASAR).]

**Figure 4 c):** 20\(^{th}\) January 2009 (ASAR) snow density classes vs. EZs

![Graph showing snow density classes vs. aspect zones for 20\(^{th}\) January 2009 (ASAR).]

**Figure 4 d):** 09\(^{th}\) December 2009 (PALSAR) snow density classes vs. AZs

![Graph showing snow density classes vs. aspect zones for 09\(^{th}\) December 2009 (PALSAR).]