Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2014

## Electronic & Dielectric Properties of Silicene Functionalized with Monomers, Dimers and Trimers of B, C & N atoms

Brij Mohan, Ashok Kumar and P. K. Ahluwalia

## Supplementary Information



Figure 1: Electronic band structure and corresponding density of state of silicene with adsorption of B monomer, dimer and trimer.



Figure 2: Electronic band structure and corresponding density of state of silicene with adsorption of C monomer, dimer and trimer.



Figure 3: Electronic band structure and corresponding density of state of silicene with adsorption of N monomer, dimer and trimer.



Figure 4: Electronic band structure and corresponding density of state of silicene with adsorption of hetero-dimers and trimer.