Hands-On-Session –V (05/03/12) Time 2-4pm

Complete the lab assignments of sessions-IV.

(Perform 1000 MD steps; with the particle positions, Potential Energy and Total Energy written at intervals of 10 MD steps; and <u>demonstrate energy conservation.</u>)

Use the positions to calculate the Radial Distribution Function (averaged over all particles and over 100 MD steps.)
Compare the same with the RDF of the static-FCC lattice.

Bring Your Notebooks/C/Fortran- books;

Do not use internet!