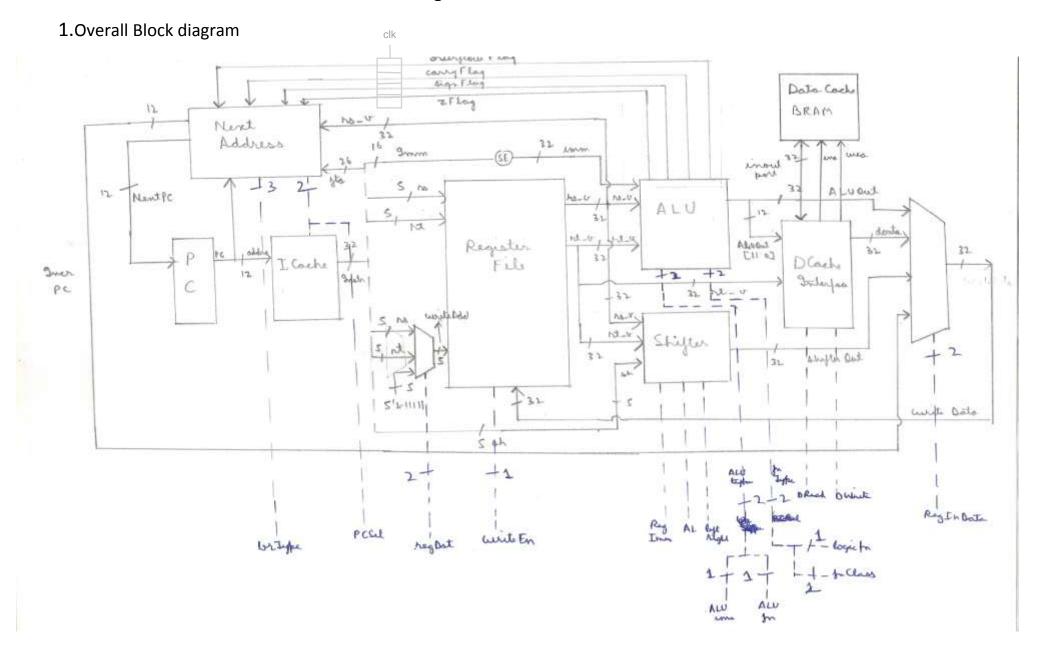
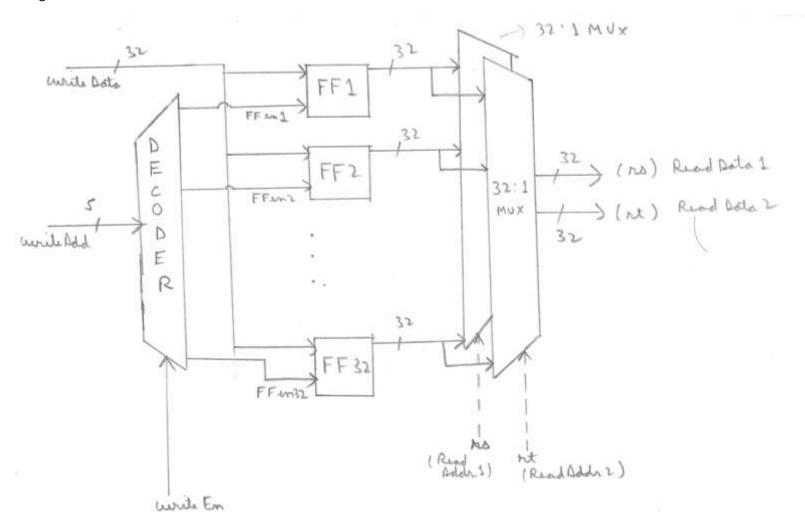
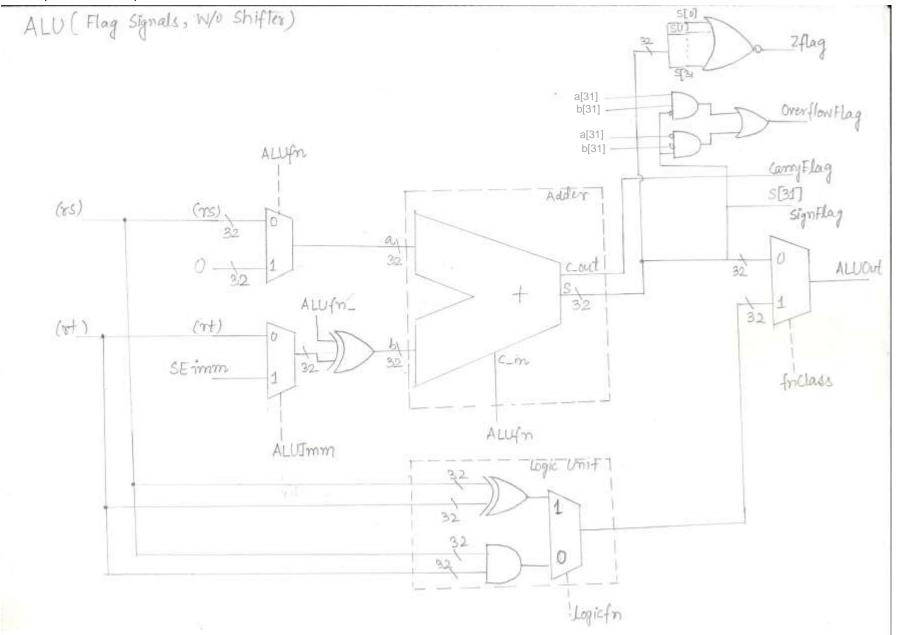
Schematic Diagrams of various blocks of the architecture



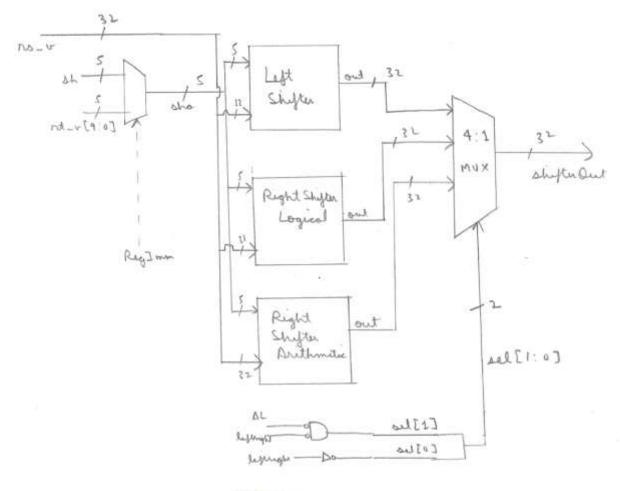
2. Register File



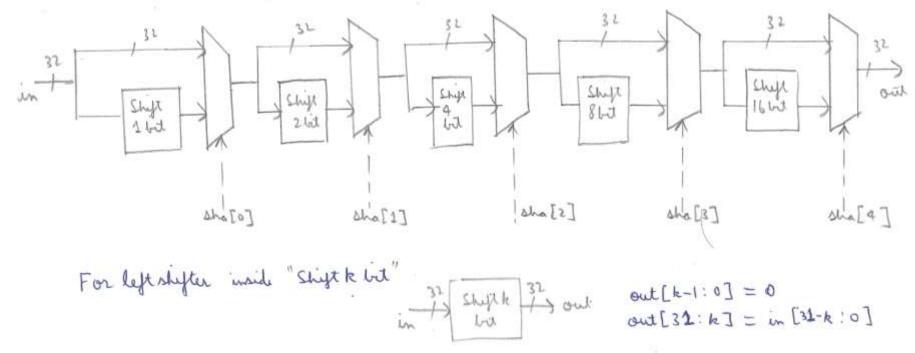
Register File



4. Shifter



Shifter (Detailed diagram (see schematic) of left shifter in nent page

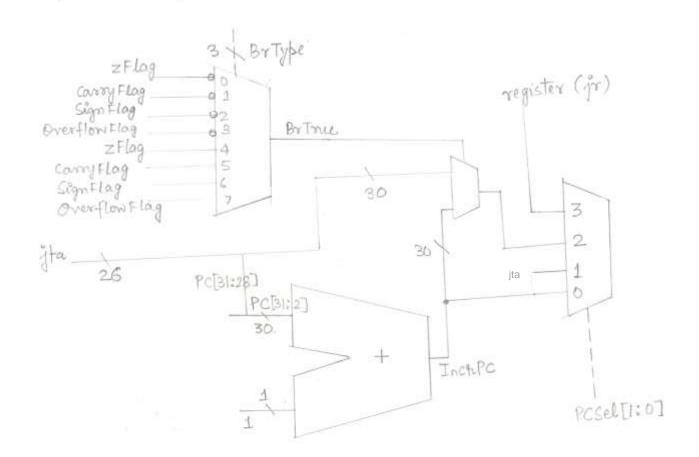


out[k-1:0] = 0 out[32: k] = in [31-k:0]

For right shifter logical inside "Shift to bit"

arith. inside "Shift k hit "

out[31-k:0] = in[31:k] each bit from out[31] to out[31-10+17 become in [31]



Next Address