1100-33-295 **S B Rao**, Vadodara, India, and **J P Sharma*** (`sbr_msu@yahoo.com`), Vadodara, India. *Wright Type Generalized Hypergeometric Function and Fractional operators.*

Virchenko et al. [Some Results on a Generalized Hypergeometric Function, Integral Transforms and Special Functions, Vol. 12, Issue No.1 (2001), 89-100.] gave some results on the Wright type Generalized Hypergeometric Function $_2R_1(a,b;c;\tau;z) = \frac{\Gamma(c)}{\Gamma(b)} \sum\limits_{k=0}^{\infty} \frac{(a)_k \Gamma(b+\tau k)}{\Gamma(c+\tau k) \ k!} z^k$; $\operatorname{Re}(a) > 0, \operatorname{Re}(b) > 0, \operatorname{Re}(c) > 0, \tau > 0, \ |z| < 1$. Gauss Hypergeometric Function is a special case of Wright type Hypergeometric Function, this is given as : $F(a,b;c;z) = \sum\limits_{k=0}^{\infty} \frac{(a)_k (b)_k}{(c)_k k!} z^k$. The object of the paper is to obtain some results on Fractional Integral and Differential operators related to the function $_2R_1(a,b;c;\tau,z)$. (Received February 10, 2014)