Publications

The following are the research publications resulting from the present thesis work.

- **Mittal K. Patel, Jaita P. Sharma and Gunamani M. Deheri** *Some new results on F-contractions in rectangular b-metric spaces with an application*, South East Asian Journal of Mathematics and Mathematical Sciences, Vol. (17), No. 3, pp. 173-188 (2021).

- **Mittal K. Patel, Jaita Sharma and Gunamani M. Deheri** *F-contractions fixed point results in extended rectangular b-metric space*, International Journal of Nonlinear Analysis and Applications, Article press, (2021). `https://dx.doi.org/10.22075/ijnaa.2021.22864.2423`

- **Patel Mittal, Sharma Jaita and Deheri Gunamani** *A remark on the fixed point theorem of Mustafa*, International Journal of Mathematics trends and Technology, Vol. (67), No. 10, pp. 77-79 (2021). `doi:10.14445/22315373/IJMTT-V67I10P508`

- **Mittal K. Patel, Jaita P. Sharma and Gunamani M. Deheri** *Fixed point results in A_b-metric space*, Turkish World Mathematical Society: Journal of Applied and Engineering Mathematics. (Accepted for publication)

- **Mittal K. Patel and Jaita P. Sharma** *Some new fixed point theorems in A_p-metric space by altering distance function.* (Communicated)

- **Mittal K. Patel and Jaita P. Sharma** *Some variant on fixed point theorems.* (Communicated)