In order of Importance, list of 10 best papers of the applicant highlighting the important discoveries/contributions described in them briefly

1. **M.Gupta**, D. Bhatia. Study the cognitive changes in cerebral palsy children employing repetitive transcranial magnetic stimulation and neurofeedback training. Proceedings of international conference on computing and communication, April 2021.springer
2. **M. Gupta,** D. Bhatia. Retrain the brain through noninvasive medically acclaimed instruments. Application pf biomedical engineering in neuroscience, 51-60, 2019
3. B. L. Rajak, **M. Gupta,** D. Bhatia, A. Mukherjee. Increasing number of therapy sessions of repetitive transcranial magnetic stimulation improves motor development by reducing muscle spasticity in cerebral palsy children. Annals of Indian academy of neurology, 22(3), 302-307, 2019 (1.383)
4. **M.Gupta** B. L. Rajak, D. Bhatia, A Mukherjee. Effect of repetitive transcranial magnetic stimulation on motor function and spasticity in spastic cerebral palsy. International journal of biomedical engineering and technology 31(4) 364,2019. (1.3)
5. **M.Gupta** B. L. Rajak, D. Bhatia, A Mukherjee. Neuromodulatory effect of repetitive transcranial magnetic stimulation pulses on functional motor performances of spastic cerebral palsy children. Journal of Medical Engineering and Technology 42(5):1-7, 2018 (1.03)
6. **M.Gupta** B. L. Rajak, D. Bhatia, A Mukherjee. Effect of repetitive transcranial magnetic stimulation on motor function and spasticity in spastic cerebral palsy. International journal of biomedical engineering and technology 31(4) 364,2019. (1.3)
7. **M.Gupta** B. L. Rajak, D. Bhatia, A Mukherjee. Neuromodulatory effect of repetitive transcranial magnetic stimulation pulses on functional motor performances of spastic cerebral palsy children. Journal of Medical Engineering and Technology 42(5):1-7, 2018 (1.03)
8. **M.Gupta**, D. Bhatia. Evaluating the effect of Repetitive Transcranial Magnetic Stimulation in Cerebral Palsy children by employing Electroencephalogram Signals. Annals of Indian academy of Neurology, 21(4) 280-284, 2018 (1.383)
9. B. L. Rajak, **M. Gupta**, D. Bhatia, Arun Mukherjee Sudip paul, Tapas Kumar Sinha. Power spectrum study of EEG signals from the frontal brain area of autistic children. Proceeding of the international conference on computing and communicating system.523-523, 2018
10. B. L. Rajak, **M. Gupta**, D. Bhatia, A. Mukherjee, S. Paul, T. K. Sinha. “Power spectral analysis of EEG as a potential marker in the diagnosis of spastic cerebral palsy cases”. ***International Journal of Biomedical Engineering and Sciences***. dio: 10.5121/ijbes.2016.3303,2016.

