Report on

**Neonatal sleep/wake detection using Deep learning**

**Abstract**

This internship exclusively gave me knowledge and gave me access to work on highly classified medical information and medical dataset, right from collection of data, through annotation and labelling, augmentation as well as training a Deep learning model with the same data collected from NICU. This internship has thought me to do all of it from scratch. Not to mention giving me exclusive access to collect data from NICU from RIT Medical College. Also, providing access to CCU to collect Healthy-pi dst data from elderly.