

Assignment-4 (CNN)

- a) Take any dataset (apart from Images) from different domain, convert the data samples into meaningful Images . Apply CNN and Deep CNN with parameter tuning (Filter size, number of filters, Row stride Column stride...etc) compare the results. **(3 +3 Marks)**
- b) Visualize the data samples of different classes after converting into images, visualize the feature map at each layer of Deep CNN. **(4 marks)**
- c) Download any shorts/reels video of Left hand bowler taking the wicket of Right hand batsman and use CNN to convert the video into **Right** hand bowler taking the wicket of **Left** hand batsman. (Sample Video <https://www.youtube.com/watch?v=WiyqKP0ZSiI>) **(Bonus marks 2)**