**NEURAL NETWORK & DEEP LEARNING**

**ASSIGNMENT 3**

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**Git hub Link:** [**https://github.com/NSnusha/NNDL\_Assignment3**](https://github.com/NSnusha/NNDL_Assignment3)

**Video link:** [**https://drive.google.com/file/d/1J\_frq8hkfDmJ2uLBZRIf8ijHdh9Waey\_/view?usp=sharing**](https://drive.google.com/file/d/1J_frq8hkfDmJ2uLBZRIf8ijHdh9Waey_/view?usp=sharing)

1. Create a class Employee and then do the following • Create a data member to count the number of Employees • Create a constructor to initialize name, family, salary, department • Create a function to average salary • Create a Fulltime Employee class and it should inherit the properties of Employee class • Create the instances of Fulltime Employee class and Employee class and call their member functions.

A screenshot of a computer

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2. Using NumPy create random vector of size 20 having only float in the range 1-20. Then reshape the array to 4 by 5 Then replace the max in each row by 0 (axis=1) (you can NOT implement it via for loop)

A screenshot of a computer

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