**Assignment 6**

1. Explain about vanishing gradient problem RNN
2. Explain about gradient explosion problem in RNN
3. What are the different ways to overcome these issues ?
4. Implement a forward and backward propagation of simple neural network using ‘numpy’ library. The network has the following description, Input layer (3 neurons), hidden layer (4 neurons), output layer (2 neurons).

Link to upload:

<https://amritavishwavidyapeetham-my.sharepoint.com/:f:/g/personal/s_sachinkumar_cb_amrita_edu/Enyfq61kUxNKltdTV_L21yQB9kt_2i_6l6Frz0YKCPSWqg>

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