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| **Prasad V Potluri Siddhartha Institute of Technology(Autonomous)** | | | | | | | | |
| **Department of Computer Science & Engineering** | | | | | | | | |
| **Course: B.Tech** | | | **Year: IV** | **Semester: I** | **A.Y:2022-23** | **Assignment :**  **Home Assignment** | | |
| **Subject Code:** 19CS4701A | | | **Subject Name: Deep Learning** | | | **Regulation:PVP19** | | |
|  | | | **Max Marks : 5M** | | | **Date: 04/09/2022** | | |
| **HOME ASSIGNMENT QUESTIONS** | | | | | | | | |
| **Q. No** | | **QUESTIONS** | | | | | **CO** | **Level** |
|  | |  | | | | |  |  |
| **1.** |  | Examine the convolution operation. | | | | | **3** | **L4** |
|  | | | | | | | | |
| **2.** |  | List and explain the various activation functions used in modeling of artificial neuron | | | | | **3** | **L4** |
|  | | | | | | | | |
| **3.** |  | Simplify the Basic Convolutional Neural Network Architecture | | | | | **3** | **L4** |
|  | | | | | | | | |
| **4.** |  | Examine the concept “[What happens when the value of stride is high and low?](https://avatto.in/data-scientist/interview-questions/deep-learning/convolution-neural-networks/#shrt-collapse-5)” | | | | | **3** | **L4** |
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