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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** |
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| **1.** |  | Examine the convolution operation.  | **3** | **L4** |
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| **2.** |  | List and explain the various activation functions used in modeling of artificial neuron | **3** | **L4** |
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| **3.** |  | Simplify the Basic Convolutional Neural Network Architecture | **3** | **L4** |
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| **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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