**A logo of a university

Description automatically generated A logo of an university

Description automatically generated**

**Task 2 (Neural Networks)**

--Back-Propagation learning algorithm—

Team.no: CS\_21

|  |  |
| --- | --- |
| **Name** | **ID** |
| احمد صبري أبوهاشم محمد | 2021170027 |
| حافظ علاء حافظ عبدالحفيظ | 2021170156 |
| حازم عبدالرؤوف محمد صالح | 2021170153 |
| معاذ مصطفى حسن ابراهيم | 2021170534 |
| زياد لطفي احمد شمروخ | 2021170214 |
| حسن محمود حسن محمود احمد | 2021170167 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Activation Function** | **Train Accuracy** | **Test Accuracy** | **LR** | **Epochs** | **#Layers** | **#HiddenNodes** |
| Sigmoid | 100 | 100 | 0.1 | 1000 | 2 | 3,4 |
| Tanh | 100 | 100 | 0.01 | 1000 | 1 | 5 |

