**ANNEXURE – 2**

**POSTER**

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| **Group No:91** | **Title: Handwritten Text Recognition System Using CRNN and AlexNet**  **Domain: ML** | |
| **Abstract:** The main focus of this project is offline handwriting analysis where a word is fed into the model and recognized. This project involves comparison of the implementation of handwritten text recognition systems using CRNN and AlexNet.The model developed in the project is coded in python. CRNN involves usage of Recurrent Neural Networks, Convolutional Neural Networks, Connectionist Temporal Classifier function and much more. AlexNet is a version of CNN which consists of Convolutional, BatchNormalization and MaxPooling layers. The IAM dataset will be used to train the model since it has the many training examples and also has a variety of handwriting which gives better samples for inference. Our system can recognize all the English alphabets, both uppercase and lowercase. | | |
| **Team:**            **Supervisor:** | Anusha M PES2UG19CS054  Rajarajeshwari M PES2UG19CS316  S Sneha  PES2UG19CS344  Spoorthi S PES1UG19CS500  Prof. Evlin Vidyulatha | **Architecture/flow diagram** |