



Hope Foundation's

International Institute of Information Technology (I²IT)

Hinjawadi, Pune- 411057

Report on Augmentation Course

Organized by

Department of Electronics & Telecommunication

1. **Program type:** Augmentation Course on ChatBot with Deep Learning
2. **Date & Time:** 13/04/2020 to 17/04/2020 from 2.00 PM onwards
3. **Venue:** Virtual Mode/ Google Meet
4. **No. of students registered/appeared:** 16
5. **Target students:** BE E&TC
6. **Instructor details:** Dr. Risil R Chhatrala
7. **Objectives :**
 1. Students will explore deep learning application for chatbot
 2. Students will able to use deepNLP and understand different functions available in it
 3. To explore Tensorflow library and implement chatbot
8. **Outcomes:**
 1. To explore data processing capacity of deepNLP
 2. To build the Seq2Seq Model
 3. To use tensorflow model for chatbot implementation

Photo gallery:



Image 1: What is ChatBot

How Do Chatbots Work

- Don't have a good understanding of conversation
- Are based on pattern matching
- Chatterbots have a set of input and output rules
- Recognize cue words from user and responds with a pre-calculated response
- For e.g. :- Human: "I am feeling very worried today."
Chatterbot: "Why are you feeling worried lately?"
- Other chatterbots learn through user interactions

Image 2: How do Chat Bot work

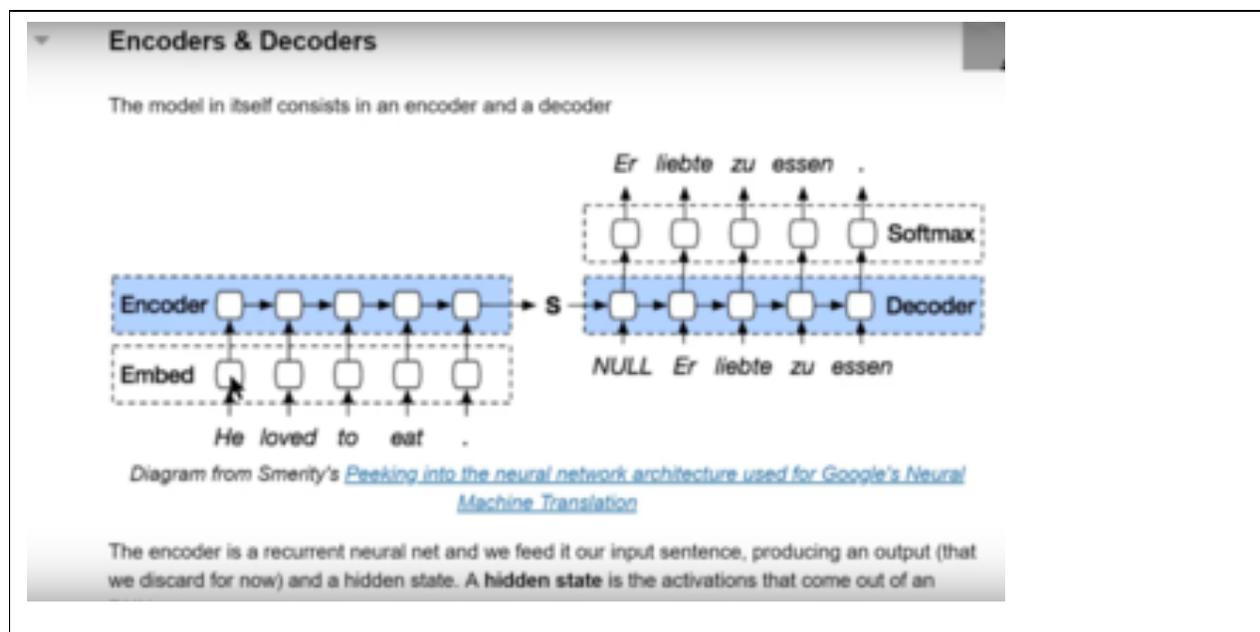


Image 3: Encoder and Decoders

Dr. Risil R Chhatrala
Event Coordinator

Dr. Risil Chhatrala
Head of Department