

# **Computational Linguistics (CL3.101)**

**Summer 2021, IIIT Hyderabad**

**29 June, Tuesday (Lecture 15) – Morph Analysis 7**

Taught by Prof. Radhika Mamidi

## **FST-based Morphological Analysers**

These are another type of rule-based morph analysers. They are based on finite state automata (FSAs).

A finite state automaton is an abstract machine that accepts strings. It has a set of states, with one or more accept states. The states are connected by arcs, which we traverse depending on input symbols.