SSMT Course
Mid Semester Exam

Take Home Exam

25-09-2019

Due: 03-10-2019

Two videos will be given to you which would be common for all the students. You have to chose **three** videos of lectures on your own but they should be by different speakers. See the note.

1 (a) Transcribe one of the two common videos as an SRT file.

(b) Prepare SRT file for the above by the following methods:

(i) Automatic (every 6 seconds)

(ii) Manually

What differences do you see in the output by the two approaches?

2. Listen to all the 5 videos and mark the disfluencies and categorize them.

3. Identify the prosodic features by listening to the videos (and mark them in the appropriate SRT file) and justify their relevance for MT and TTS, as the case may be.

Note:

I.   URLs for two common videos:

(a) video1 (36 mins) (Fundamentals of Nuclear Power Generation-mod10-lec26) - https://www.youtube.com/watch?8=&v=K9F8-Tz6lzc

(Do for first 20 minutes only)

(b) video2 (16 mins) (Programming, Data Structures and Algorithms - mod01lec49) - https://www.youtube.com/watch?v=YOtXKE1Kjdk

II. URLs for videos (out of which you have to chose 3 videos, but by different speakers). You have to do for first 25 minutes only. Preferably avoid doing the first lecture of a course.

(c) NOC:Advances in UHV Transmission and Distribution (Video)
https://nptel.ac.in/courses/108/108/108108099/

(d) NOC:Cost Accounting (Video)
https://nptel.ac.in/courses/110/101/110101132/

(e) NOC:Chemical and biological thermodynamics: principles to applications (Video) https://nptel.ac.in/courses/104/101/104101084/

(f) NOC:Mathematical Finance (Video) https://nptel.ac.in/courses/111/103/111103126/

(g) Principles of Programming Languages (Video) https://nptel.ac.in/courses/106/102/106102067/

(h) Logic for CS (Video) https://nptel.ac.in/courses/106/102/106102013/

(i) NOC:The Victorian Gothic Short Story (Video)
https://nptel.ac.in/courses/109/106/109106163/

(j) NOC:The Nineteenth-Century English Novel (Video) https://nptel.ac.in/courses/109/106/109106145/