cases	doc_1		doc_2		decision	id
	authors	• S. Neogi • Partha Pakray • Sivaji Bandyopadhyay • Alexander Gelbukh	**authors**	• S. Neogi • Partha Pakray • Sivaji Bandyopadhyay • Alexander Gelbukh	NOT DUPLICATES	449
	title	JU_CSE_NLP: Language Independent Cross-lingual Textual Entailment System	**title**	JU_CSE_NLP: Multi-grade Classification of Semantic Similarity between Text Pairs		
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	urls	• https://www.semanticscholar.org/paper/5c65e6ed3e9432664f478dff8483df9e2bc31bbf	**urls**	• https://www.semanticscholar.org/paper/6d12fdf485dcbd06f8c2b7fc7d644fe132be6571		
	id	id293528485614679361	**id**	id2591237874895308553		
	abstract	This article presents the experiments carried out at Jadavpur University as part of the participation in Cross-lingual Textual Entailment for Content Synchronization (CLTE) of task 8 @ Semantic Evaluation Exercises (SemEval-2012). The work explores cross-lingual textual entailment as a relation between two texts in different languages and proposes different measures for entailment decision in a four way classification tasks (forward, backward, bidirectional and no-entailment). We set up different heuristics and measures for evaluating the entailment between two texts based on lexical relations. Experiments have been carried out with both the text and hypothesis converted to the same language using the Microsoft Bing translation system. The entailment system considers Named Entity, Noun Chunks, Part of speech, N-Gram and some text similarity measures of the text pair to decide the entailment judgments. Rules have been developed to encounter the multi way entailment issue. Our system decides on the entailment judgment after comparing the entailment scores for the text pairs. Four different rules have been developed for the four different classes of entailment. The best run is submitted for Italian -- English language with accuracy 0.326.	**abstract**	This article presents the experiments carried out at Jadavpur University as part of the participation in Semantic Textual Similarity (STS) of Task 6 @ Semantic Evaluation Exercises (SemEval-2012). Task-6 of SemEval- 2012 focused on semantic relations of text pair. Task-6 provides five different text pair files to compare different semantic relations and judge these relations through a similarity and confidence score. Similarity score is one kind of multi way classification in the form of grade between 0 to 5. We have submitted one run for the STS task. Our system has two basic modules - one deals with lexical relations and another deals with dependency based syntactic relations of the text pair. Similarity score given to a pair is the average of the scores of the above-mentioned modules. The scores from each module are identified using rule based techniques. The Pearson Correlation of our system in the task is 0.3880.		
	versions		**versions**			