

3rd Workshop on South and Southeast Asian Natural Language Processing 2012

(SANLP)

**Held at the 24th International Conference on Computational
Linguistics (COLING 2012)**

**Mumbai, India
8 December 2012**

Editors:

**Virach Sornlerttamvanich
Abbas Malik**

ISBN: 978-1-62748-351-3

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2012) by the Association for Computational Linguistics
All rights reserved.

Printed by Curran Associates, Inc. (2013)

For permission requests, please contact the Association for Computational Linguistics
at the address below.

Association for Computational Linguistics
209 N. Eighth Street
Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006
Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

<i>Computational evidence that Hindi and Urdu share a grammar but not the lexicon</i> K.V.S Prasad and Shafqat Mumtaz Virk	1
<i>Semantic Relation Extraction from a Cultural Database</i> Canasai Kruengkrai, Virach Sornlertlamvanich, Watchira Buranasing and Thatsanee Charoenporn	15
<i>Bengali Question Classification: Towards Developing QA System</i> Somnath Banerjee and Sivaji Bandyopadhyay	25
<i>Morphological Analyzer for Kokborok</i> Khumbar Debbarma, Braja Gopal Patra, Dipankar Das and Sivaji Bandyopadhyay	41
<i>Comparing Different Criteria for Vietnamese Word Segmentation</i> Quy T. Nguyen, Ngan L.T. Nguyen and Yusuke Miyao	53
<i>A Light Weight Stemmer for Urdu Language: A Scarce Resourced Language</i> Sajjad Ahmad Khan, Waqas Anwar, Usama Ijaz Bajwa and Xuan Wang	69
<i>Morpheme Segmentation for Kannada Standing on the Shoulder of Giants</i> Suma Bhat	79
<i>Manipuri Morpheme Identification</i> Kishorjit Nongmeikapam, Vidya Raj RK, Nirmal Y and Sivaji B	95
<i>Domain Based Classification of Punjabi Text Documents using Ontology and Hybrid Based Approach</i> Nidhi Krail and Vishal Gupta	109
<i>Using English Acoustic Models for Hindi Automatic Speech Recognition</i> Anik Dey, Li Ying and Pascale Fung	123
<i>Tagger Voting for Urdu</i> Bushra Jawaaid and Ondřej Bojar	135
<i>BIS Annotation Standards With Reference to Konkani Language</i> Dr. Madhavi Sardesai, Jyoti Pawar, Shantaram Walawalikar and Edna Vaz	145
<i>Automatic Extraction of Compound Verbs from Bangla Corpora</i> Sibanshu Mukhopadhyay, Tirthankar Dasgupta, Manjira Sinha and Anupam Basu .	153
<i>Influences of particles on Vietnamese tonal Co-articulation</i> Thi Lan Nguyen and Do Dat Tran	163
<i>Toward an amazigh language processing</i> Fatima Zahra Nejme, Siham Boulaknadel and Driss Aboutajdine.....	173
<i>Bidirectional Bengali Script and Meetei Mayek Transliteration of Web Based Manipuri News Corpus</i> Thoudam Doren Singh	181

<i>Rule-based Machine Translation between Indonesian and Malaysian</i>	
Raymond Hendy Susanto, Septina Dian Larasati and Francis M. Tyers	191
<i>Building Multilingual Search Index using open source framework</i>	
Arjun Atreya, Swapnil Chaudhari, Pushpak Bhattacharyya and Ganesh Ramakrishnan	201
<i>Automatic Searching for English-Vietnamese Documents on the Internet</i>	
Quoc Hung Ngo.....	211
<i>Error tracking in search engine development</i>	
Swapnil Chaudhari, Arjun Atreya V, Pushpak Bhattacharyya and Ganesh Ramakrishnan	221
<i>An Efficient Database Design for IndoWordNet Development Using Hybrid Approach</i>	
Venkatesh Prabhu, Shilpa Desai, Hanumant Redkar, Neha Prabhugaonkar, Apurva Nagvenkar and Ramdas Karmali	229
<i>IndoWordNet Application Programming Interfaces</i>	
Neha Prabhugaonkar, Apurva Nagvenkar and Ramdas Karmali	237