

# NATIONAL CONFERENCE ON INDIAN LANGUAGE COMPUTING (NCILC) 2013

19 - 20 January 2013

## PROGRAMME SCHEDULE

### DAY - 1

#### Inaugural Function:

**Chief Guest - Prof. B. B. Chaudhuri, Head, Computer Vision and Pattern Recognition Unit, ISI, Kolkata**

Location	Date	Start	End
Auditorium, Dept. of Physics, CUSAT	19/01/2013	9:00 AM	10:00 AM

Tea break

#### Plenary Talk I

**Prof. B. B. Chaudhuri- On designing an efficient spell-checker**

Location	Date	Start	End
Auditorium, Dept. of Physics, CUSAT	19/01/2013	10:30 AM	11:30 AM

#### Paper Presentation:

#### SESSION I

#### Chair:

Location	Date	Start	End
Auditorium, Dept. of Physics, CUSAT	19/01/2013	11:30 AM	12:30 PM

#### Papers:

	Topics	Authors	PID
1	Siri Bhoovalaya:A Unique Multilingual Epic scripted in numerals	Anil Jain	NCLIC - 15
2	Malayalam Consonant-Vowel Recognition based on Audio and Visual Geometric Features and ANN	Lajish V.L, Sunil Kumar R.K.	NCILC - 28
3	Unit selection based Malayalam text to speech system integrated with disability aids	Binil Kumar S L, Sajini T, Bhadrans V K.	NCILC -19
4	A Comparative study of HMM and SVM in Malayalam Digit Recognition	Harsha Km, Facila Chinchu O, Cini Kurian, Kannan Balakrishnan	NCILC -25
5	Author Identification in Malayalam using N-grams	Bindu Baby Thomas	NCLIC - 10

Lunch break

#### Plenary Talk II

**Prof.Dr. M Jathavedan - Language, Logic and Mathematics**

Location	Date	Start	End
Auditorium, Dept. of Physics, CUSAT	19/01/2013	1:30 PM	2:30 PM

#### Paper Presentation:

#### SESSION II

#### Chair:

Location	Date	Start	End
Auditorium, Dept. of Physics, CUSAT	19/01/2013	3:00 PM	4:00 PM

#### Papers:

	Topics	Authors	PID
1	Application of TDMRC code for Natural Language Processing - An Experimental Result	Anjana S Chandran, Varghese Paul	NCLIC - 11
2	A Review on Indian Language Steganography	Remya A R, A Sreekumar	NCLIC - 30
3	A language identification and conversion system for Malayalam to ensure security	Rafidha Rehiman, Keerthy A S, Lakshmy K S, A Sreekumar	NCILC - 24

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**DAY - 2**

**Plenary Talk III**

**Prof. (Dr.) K. Samudravijaya - Spoken Language Resources for Indian Language Computing**

Location	Date	Start	End
Auditorium, Dept. of Physics, CUSAT	20/01/2013	9:30 AM	10:30 AM

Tea break

**Paper Presentation:**

**SESSION III**

**Chair:**

Location	Date	Start	End
Auditorium, Dept. of Physics, CUSAT	20/01/2013	10:30 AM	11:30 AM

**Papers:**

	Topics	Authors	PID
1	Computing Prosodic Patterns for Malayalam	Manu Madhavan, Mujeeb Rehman O, P C Reghu Raj	NCILC - 1
2	MBLP approach applied to POS tagging in Malayalam Language	Robert Jesuraj K, P C Reghu Raj	NCILC - 2
3	Handling OOV Words in Phrase-Based Statistical Machine Translation for Malayalam	Mary Priya Sebastian, G Santhosh Kumar	NCILC -08
4	Automatic detection and removal of disfluencies from from spontaneous speech	Sindhu L, Bindu Baby Thomas Sumam Mary Idicula	NCILC -09
5	English-Tamil Translation using semantic approach for prepositional phrase attachment	S Suganthi, K G Srinivasagan P Bamaruckmani, M Saravanan	NCILC - 27

**Paper Presentation:**

**SESSION IV**

**Chair:**

Location	Date	Start	End
Auditorium, Dept. of Physics, CUSAT	20/01/2013	11:30 AM	12:30 PM

**Papers:**

	Topics	Authors	PID
1	A Quick review of Recognition Strategies based on NN and Neuro-Fuzzy approaches with special reference to	Lajish V L, Sunil Kumar R K	NCILC - 29
2	Proposed framework of gesture sign data acquisition	Pravin R Futane, R V Dharaskar	NCILC - 12
3	A Copy detection Method for Malayalam text documents using N-grams model	Rajini Girinath, Manoranjini John	NCILC - 18
4	Survey on grammar generation methods for Natural Languages	Sagar B M, Shobha G	NCILC - 13

Lunch break

**Plenary Talk IV**

**Dr. Kannan Balakrishnan- Language Computing In India : Challenges and Opportunities**

Location	Date	Start	End
Auditorium, Dept. of Physics, CUSAT	20/01/2013	2:30 PM	3:30 PM

**Valedictory**

Location	Date	Start	End
Auditorium, Dept. of Physics, CUSAT	20/01/2013	3:30 PM	4:00 PM