

ABSTRACTS SUBMITTED FOR PRESENTATION AT TAMIL INTERNET 2004

Tamil IT - implementation, tools, application softwares

K. Saravanan, TVGeetha (Anna Univ, Chennai)<rctamil@annauniv.edu>

automatic part of speech tagger for Tamil

T. Kalaiyarasi, Ranjani Parthasarathy and TV Geetha (Anna Univ, Chennai)<kalaivas@yahoo.com>

Morphological Generator for Tamil

TV Geetha, T. Mala and T.N. Kasturi Pradha (Anna Univ, Chennai)<kaspradha@yahoo.com>

Tamil Text Categorization

P. David Prabhakar (Madras Christian College, Chennai)<davidprabhakar@rediffmail.com>

Tamil Hyphenator

Muguntharaj & Elantamil (Malaysia)<muguntharaj@yahoo.com>

Towards powering Tamil Free Software Movement ("ThamiZha")

N Anbarasan (Applesoft, Bangalore)<aplesoft@vsnl.com>

Localisation tools for indian languages

N Anbarasan (Applesoft, Bangalore) <aplesoft@vsnl.com>

Migration need for tamil users

R. Arul Kumaran (Singapore)<arul@shockwave-india.com>

nALaiya ulakin toziluTpangkalil tamiz (macrmedia/shockware support for Tamil)

S. Kuppuswami, V. Prasanna Venkatesan & T. Chitrlekha (Pondicherry Univ)

Analyzing the Tamil Coding Schemes <prasanna_v@yahoo.com>

K. Ganeshamoorthi, JCN Rajendra and S. Kanaganathan (Eastern Univ, Sri Lanka)

"GRKTeXedt" - a Tamil Text editor for scientific typesetting for LaTeX output

S. Srinivasan (Kalpakkam, Tamilnadu)

Machine Translation Scheme for Randomly tapped characters from a Tamil or Roman Keyboard

Tamil Databases

Ravindran K Paul (Kuala Lumpur, Malaysia) <ravi@thunaiivan.com>

Encoding independent database applications in Tamil

Badri seshadri (CricInfo, Chennai)<bseshadri@gmail.com>

an online tamil bookshop with simultaneous tamil-eng interface

M J Rabi Singh (Tamil Virtual Univ, Chennai)

A Tamil Knowledge Engine (a kind of Tamil Wikipedia online)

R. Madharaci & Kunal Kumar Jain (Venkateswara College of Engg, Tamilnadu)

Tamil front end to RDBMS

Tamil IT- Voice Recognition, Speech Synthesis

M Vinu Krithiga and TVGeetha (Anna Univ, Chennai)<vinu_krithiga@yahoo.com>

improved tamil text to speech synthesis

RKVS Raman et al (CDAC - Bangalore)<raman@ncb.ernet.in>

Matrubhasha - an integrated speech framework for indian languages

AP Henry Charles and G. Devaraj (VelTech Engg College, Chennai)

Alaigal - a Tamil Speech Recognition (system)

R. Madharaci & Arun Thilak (Venkateswara College of Engg, Chennai)

<madharaci@yahoo.com><madhu@www.svce.ac.in>

Speech Recognizer for Tamil Language

C. Lakshmi Narayanan & M. Mohammed Waseem

Tamil e-speech

C.S. Kumar and N. Udhyakumar (Amrita Viswa Vidyapeetam, Coimbatore)
Large vocabulary continuous speech recognition for Tamil

Tamil on Mobile Devices

Muthu Nedumaran (Kuala Lumpur, Malaysia)

tamil keypad implementation for mobile devices

AG Ramakrishnan (IISc, Bangalore) <ramkiag@ee.iisc.ernet.in>

Word Prediction for Tamil SMS

V. Mahinthan (UWaterloo, Canada) and S. Niranjayan (NUS, Singapore)

<mveluppi@gmail.uwaterloo.ca> <g0203523@nus.edu.sg>

Assignment of Tamil Characters to the Telephone Keypad

Baskaran Sankaran (Anna Uni-KBCCenter), K. Srinivasan and S. Ramesh Kumar

Intelligent Tamil Texting in Mobile Environment <baskarans@gmail.com>

Tamil Keyboards

N Anbarasan (Applesoft, Bangalore)<arasan@bgl.vsnl.net.in>

Analysis of Tamilnet 99 keyboard

S Sivasegaram (Univ of Peradinya, Sri Lanka)<ssivasegaram@pdn.ac.lk>

ergonomic considerations in the design of Tamil keyboard layout

Senthil Kumar Ceran, T Vaseeharan and Elango Cheran

Optimization of Tamil phonetic keyboard

Tamil in Multilingual environments

R. Venkatesh (SIFY, Chennai)<suve75@sify.com>

Towards Multilingual News Aggregation

B Senthil Kumar (Chennai)

Architectural framework -multilingual web application

S Maniam (iDNS, Singapore)

icemail - multilingual email

Raveesh Gupta (Microsoft India)<raveeshg@microsoft.com>

Tamil Support in MS Products

V Vasundhara and M Nagarajan (Oracle India)

Indian Language support in Oracle Products

S. Kuppuswami, V. Prasanna Venkatesan and T. Chitralakha (Pondicherry Univ)

PONN FrameWork: An Architectural Solution for Multilingual Software Development

<prasanna_v@yahoo.com>

Tamil unicode

D Sivaraj (Hyderabad, India)<sivaraj_d@hotmail.com>

tamil unicode implementation issues

MV Ramachandra (Mara Tech Univ, KL, Malaysia)<mvrchandra@salam.uitm.edu.my>

unicode upayOka naTAimuRaippaTuttuvail ERpaTum cikkalkaLum tIrvum

N Anbarasan (Applesoft, Bangalore)

a proposal for Tamil in Unicode

Quintus Turaisingam (Toronto, Canada)

muttamizin nAnkAm parimAnamAka kaNinit tamiz

A Elangovan (Cadgraf Computers, Chennai)

Alternate 16-bit encoding for Tamil to solve problems of Tamil Unicode

TNC Venkata Rangan (Vishwak Associates, Chennai)<venkat@vishwak.com>

Counting letters in an Unicode String

N Sathish Kumar & S Balakrishnan (New York)

"tamizpaTTai" - multifunction Unicode search bar using transliterated input

N. Sathish Kumar, S Balakrishnan and AP Egambaram (New York)

"urumARRi" - online unicode conversion of TSCII webpage - a server side approach

[Tamil Internet - content, data mining/management, digital archives](#)

TV Geetha et al (Anna Univ, Chennai)

Tamil text categorization (data management/extraction)

N Udhayakumar et al (Amrita Vishwa Vidyapeetham, Coimbatore)<udhay_ece@rediffmail.com>

authorship identification for tamil documents

Sibicelvan /Selvaraj Muthu (Ulakattamiz, Chennai)<sibichelvan2003@yahoo.co.in>

iNaiya itazkaL etirkoLLum tozil nuTpap piraccinaikaL

Malan (thisaigal, Chennai)<maalan@thisaigal.com><malan@sunnetwork.org>

valaip pUkkaL - vaLarntu varum maRRu UTakangkaL

A. Manavazahan (International Inst of Tamil Studies, Chennai)

payanpATTu nOkkil kaNinit tamiz

K. Bhagavati (International Inst of Tamil Studies, Chennai) <kbhagavathi@yahoo.com>

iNaiyattil tamiz paNpaTTuccoRkOvai

K. Muthukumar (KongunaTu Arts & Engg college, Coimbatore)<muthunilakase@yahoo.com>

tarpOtaya naTaimuRaiyil uLLa tamiz mozi tozilnuTpa ceyaLikaL kuRitta

piraccinaikaLum payanpATukaLum

[Tamil Digitization / Digital Archives](#)

Prof. N. Balakrishnan (IISc Bangalore) <balki@dli.ernet.in>

Invited/ Digital Library of India - issues (OCR, search engines,)

N Kannan (Korea)<nkannan@kordi.re.kr>

ilakka cEmippu -iTarkaL, ilakkukaL, iNaippukaL

MV Ramachandra (Mara Technical Univ, Malaysia)

kalveTTu mutal kaNini varai - takaval toTarpil tamiz -Or miL pArvai

NS Valluvan (Chennai)

indus graffitti as rock art and their astronomical implications

[Tamil e-learning/computer aided teaching of tamil](#)

Prof. V. Sankaranarayanan (Tamil Virtual Univ, Chennai)<sankar@tamilvu.org>

Tamil Virtual Univ - invited / abstract yet to come

Vasu Renganathan (Univ of Pennsylvania, PA, USA)

tamiz mANavarkaLukkAna tamiz iNaiya muyaRcikaL - Or Aiyu

Ms. Subashini K (Hewlett-Packard, Boeblingen, Germany)

<subashini.kanagasundaram@hp.com><ksuba100@yahoo.com>

digital village- artificial intelligence in educational pedagogy

Malarvizi Mangayarkaraci (Thyagarajar College, Madurai)

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tamizk kalviyOTu takaval tozil nuTpak kalvi

R. Vijayaraghavan (Mysore, Karnataka)<aarveeyen@hotmail.com>

intiyAvil mULai vaLarcci kunRiyOrkku kaNinit tuNaiyuTan kaRpittal

PT Kingston, SM Ramachandran (Bharathiyar Univ, Coimbatore)<tk79@rediffmail.com>
 multi channel learning system as an alternative for teaching Tamil
 S. Jean Lawrence (International Inst of Tamil Studies, Chennai) <lawrencesj@yahoo.com>
 Tamil Pedagogical Grammar-cum-Dctionary in the Net
 G.S. Mahalakshmi (Anna Univ, Chennai)
 <maha_gs@hotmail.com><mahalakshmi@cs.annauniv.edu>
 Information Technology as a Catalyst in Learning Tamil
 Siva Pillai (Univ London, UK)<siva@gold.ac.uk>
 Connections in Cyberspace: implications for Tamil Diasporic communities
 MV Ramachandra (Mara Tech Univ, Malaysia)
 pallUTakangal vazi tamiz kalviyum cikkalkaLum

e-governance

Arun Mahizhnan (IPS, Singapore)
 Connectd Homes, connected communities
 Tavarupan (Colombo Univ, Colombo, Sri Lanka)
 <webtamilan@gmail.com><speeditnet@gmail.com>
 Izattil minnarcukkAna Etu nilaikaLum tamiz takaval tozil nuTpamum
 E. Iniya Nehru (Tech. Director, National Informatics Center, Chennai)<nehru@tn.nic.in>
 Good Governance through E-Government- Challenges & Prospects

E-commerce

Pari N Annamalai (Singapore)
 Applications tailored to local markets
 S. Balasubramanian and N. Ramachandran (Periyar Maniammai Engg College, Tanjore)
 vaNikap payanATTukku tamiz taravuttaLa vaTivamaippum pakuppAivum

General -

Selvanathan and Elanttamil (Univ of Malaya, KL, Malaysia) --Virtual reality ...?
 <mangalam@um.edu.my><etamil@tm.net.my>
 K. Gowrezen (Univ of Moratuwa, Trincomalee, Sri Lanka)
 nALaiya ulakil takaval tozil nuTpam