Tamil in IT and IT in Tamil

- **Tamil in IT**
  - **Storing Tamil in Computers**
    - **Encoding and Decoding**
      - **Unicode**
      - **ASCII**
      - **TACE**
    - **Collation**
      - **utf8_general_ci**
      - **utf8_unicode_ci**
  - **Processing Tamil in Computers**
    - **Input Tamil**
      - **Keyboard input**
        - **Renganathan layout**
        - **Tamil99**
        - **Transliteration way**
        - **...**
      - **Fonts**
        - **Vijeya, Cemmozhi fonts...**
        - **Bamini, Kalaham, Kushpoo?**
      - **ASCII to Unicode**
    - **Language processing applications**
      - **Spell Checkers**
        - http://vaani.neechalkaran.com/
        - http://dev.neechalkaran.com/p/naavi.html
      - **Grammar checkers**
      - **Translators** ↗ https://translate.google.com/?sl=ta
      - **Optical Character Recognizers** ↗ http://iamsarves.com/index.php/12-write-ups/1-tamil-and-sinhala-ocr-by-google
      - **Text to Speech** ↗ http://mile.ee.iisc.ernet.in:8080/tts_demo/
      - **Speech to Text** ↗ http://cmusphinx.sourceforge.net/
      - **...**
    - **Language processing basic tools**
      - **Tokenizers**
      - **Part of Speech Taggers**
      - **Morphological Analyzers**
      - **Corpus**
      - **Name Entity Recognizers**
      - **Useful links**
        - ↗ http://tdil-dc.in/index.php?lang=en
        - ↗ https://www.amrita.edu/center/computational-engineering-and-networking/research/computational
        - ↗ http://www.au-kbc.org
      - **...**
    - **Generic applications**
      - Word processing applications
      - OCR
      - Mobile Applications
      - Books
      - ...
  - **Communicating in Tamil among Computers**
    - **Internationalized Domain Names** ↗ http://##########/
  - **Improving user experience**
    - **Localization**
- **IT in Tamil**
  - **Tamil language learning**
    - ↗ Teaching Tamil from University of Pennsylvania: http://ccat.sas.upenn.edu/plc/tamilweb/
    - tamilvu.org
    - ...
  - **Anlyzing and validating poems** ↗ Prosody analyzer: http://www.avalokitam.com/
  - **Creative writing in electronic medium**
    - Personal blogs
    - Magazines
    - Electronic books
    - ...
  - **Archieving Tamil**
    - noolaham.org
    - projectmadurai.org
    - tamilheritagefoundation.org
    - tamizham.net
    - ...
  - Library and Bookshops
  - ...