

Kavi Narayana Murthy

Professor, School of Computer and Information Sciences, University of Hyderabad (a Central University, recognized as an Institution of Eminence)

EDUCATION: BE (Mechanical Engineering, 1983), MTech (Artificial Intelligence and Robotics, 1989), PhD (Computer Science, 1996)

PROFESSIONAL EXPERIENCE: Bharat Electronics (R&D, Radar, 3.5 years), Sundaram Clayton (R&D, 1.5 Years), PG Teaching and Research (University of Hyderabad, 33 years), Total 38 Years

Senior Fellow of the Institute, Central Institute of Indian Languages, (CIIL), Mysore, 2009-2011 (2 years)

AREAS OF RESEARCH INTEREST: Natural Language Engineering, Machine Translation, Text Analytics

Designed and Developed the SAARA system of Machine Translation and Demonstrated it by Translating a Full Book from Kannada to Telugu.

PUBLICATIONS:

K. Narayana Murthy, ``Natural Language Processing - An Information Access Perspective'', 2006

K. Narayana Murthy, ``Freedom'', 2012

Pl. visit [LanguageTechnologies.uohyd.ac.in](http://LanguageTechnologies.uohyd.ac.in) for list of publications

RESEARCH GUIDANCE:

Ph.D: Awarded: 3, On-Going: 3

MTech: Awarded: 70

COLLABORATION: Indo-French Research Network in Computational Linguistics - Indian coordinator (2001-2004)

VISITING SCIENTIST / VISITING FACULTY: Indian Institute of Science Bangalore, Indian Institute of Technology, Bhubaneswar, Indian Statistical Institute Bangalore, CDAC Knowledge Park Bangalore, AU-KBC Research Centre Chennai etc.

MEMBERSHIP OF COMMITTEES: Has been Member, Working Group on Technology Development in Indian Languages (TDIL) Ministry of Communications and Information Technology, Government of India. Chairman / Co-Chairman / Member of Project Review and Steering Groups for several projects funded by DeitY and PSA, Govt. of India etc.

SOME FUNDED PROJECTS AND CONSULTANCY:

Machine Translation between English, Kannada and Hindi Languages for Govt. of Karnataka, on-going

A New Framework for Analysis, Generation and Translation in Indian Languages (Kannada and Telugu) - Consortium Mode Project funded by TDIL/DeitY - (PI and Consortium Leader)

Development of a Robust Document Image Analysis and Recognition System for Printed Indian Scripts (Telugu) (Co-PI)

LANGUAGES KNOWN: Sanskrit, Kannada, Telugu, Hindi, English

GENERAL INTERESTS: Classical Music, Yoga, Ayurveda and Holistic Healing, Sanskrit and Vedanta

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