

CURRICULUM VITAE

Dr. Mallamma V. Reddy

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Education

Ph.D.: Bangalore University Bangalore

Thesis Title: "Knowledge Based Algorithms for Multilingual Cross Language Information Retrieval".

Supervisor: Prof. M. Hanumanthappa

M.C.A: BMS Institute of Technology, Bangalore, affiliated to Visvesvaraya Technological University Belagavi

B.C.A: Doddappa Appa BCA College Basavakalyan, affiliated to Gulbarga University Gulbarga

Teaching and Research experience

- **Assistant Professor:** Rani Channamma University from Aug-2013
- **Lecturer:** Sheshadripuram college, Kengari Bangalore from 2013-2013
- **UGC MRP Project Fellow:** Bangalore University, Bangalore from 2010-2013
- **HOD/Lecturer:** GVS College of Business Management, Anekal Bangalore from 2007-2010

Awards and Recognitions

- **Young Scientist Award-2013:** Indian Science Congress Association (ISCA).
- Astar Scholastic **Young investigator award-2013** by IOAJ.
- **Best Paper** award by CMRIT, at Bangalore.
- **Gold Medalist** MCA-2007 Batch BMSIT Bangalore.

Membership

- Life Member of Indian Science Congress Association (ISCA)
- Life member of IAENG
- Member of IFERP
- Editorial Board Member of Science PG USA (2 years)
- Member of CSTA (Computer Science Teacher Association)
- Life member of ISTE
- Life Member of SIS

Research Areas

- Natural Language Processing
- Machine Learning
- Cross Language Information Retrieval.

Academic & administrative activities

- IT Coordinator for Rani Channamma University
- Nodal officer for E-Office implementation
- Nodal Officer for Website Design and Maintenance
- Computer Science Department coordinator for IQAC
- Representative and Observer for PG CET-2014 MBA/MCA programme at Gulbarga Center.
- Coordinator for PG CET-2014 MBA/MCA programme.
- Deputy custodian for PG Central Valuation for all PG courses for the academic year 2014-15 for Dec-2014 for I and III Sem and June 2015 for II and IV Sem.
- Coordinator for Inter-departmental sports activities from 2013 to till date.
- Coordinator for Co-operative Society Debate Competition, RCU Student Won the First prize at Bangalore.
- Observer for UGC NET Dec-2014, June-2015, JEE April-2015, AIPMT July-2015.

Books Published

- “Cross Language Information Retrieval” published by Statperson Publishing Corporation with ISBN: 9781387447862
- “Constructs of Natural Processing” by LAP Lambert Academic publishing house ISBN:978-613-58567

Published Research Articles/Papers in Journals/Periodicals

Sl. No.	Title	Journal with ISSN & Publisher
1.	Natural Language Processing Semantical and Syntactical Analysis for English	International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 5 Issue: 7 219 - 222
2.	Kannada Phonemes to Speech Dictionary: Statistical Approach	Int. Journal of Engineering Research and Application www.ijera.com ISSN : 2248-9622, Vol. 7, Issue 1, (Part -4) January 2017, pp.77-80
3.	Constructs of Natural Language Processing	(IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 8 (1) , 2017, 27-30 ISSN: 0975-9646

4.	Language Identification: Contrivance Learning Process using Web Based Disquisition	International Journal of Advanced Research in Computer Science and Software Engineering Volume 5, Issue 7, July 2015 ISSN: 2277 128X
5.	Phonetic dictionary for Natural Language Processing: Kannada	ISSN: 2248:9622, Vol.4, Issue 7 (Version 3). International Journal of Engineering Research and Applications (IJERA)
6.	Semantical and Syntactical Analysis of NLP	ISSN:097-9646 (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 5 (3), 2014, 3236 – 3238.
7.	Natural Language Process: A Statistical machine translation approach	The Inderscience open Access Journal (IOAJ) during 17th march 2013
8.	English to Kannada Sentence translation Using POS tagger by reordering parse tree structure	The Inderscience open Access Journal (IOAJ) during 17th march 2013.
9.	Indic Language Machine Translation Tool for NLP	The 100th Indian Science Congress Association for young scientist's programme award 2012-2013 during Jan 3rd to 7th held at Calcutta University, Kolkata, India.
10.	NLP Challenges For Machine Translation From English To Indian Languages	ISSN 2231–5292, International Journal of Computer Science and Informatics Volume-3, Issue-1, 2013
11.	Interlingual Machine Translation	UACEE International Journal of Artificial Intelligence and Neural Networks Volume 2: Issue 1 -25th April 2012. ISSN 2250 – 3749, PP: 19-23
12.	POS Tagger for Kannada Sentence Translation	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Volume 1, Issue 1, May-June 2012, PP-12-15
13.	Natural Language Identification and Translation Tool for Natural Language Processing	International Journal of Science and Applied Information Technology Volume 1, No.4, September – October 2012, ISSN No. 2278-3083
14.	Applications of Text Mining in E-Governance	Towards E-governance in the Cloud: Frameworks, technologies and best practices-ICEG” PP: 62 28 Dec 2012
15.	Indic Language Translation in CLIR using Virtual Keyboard	http://link.springer.com/chapter/10.1007/978-81-322-0740-5_8

16.	Cross Language Information Retrieval Using Search Engine and Data Mining	International Journal of Computer Information Systems (IJCIS) Volume 03, No. 01 published July 2011: ISSN 2229 – 5208. PP: 42-46
17.	Kannada and Telugu Native Languages to English Cross Language Information Retrieval	International Journal of Computer Science and Information Technologies (IJCSIT) volume-2 issues-5 September-October 2011. ISSN: 0975-9646. Pages: 1876-1880
18.	English to Kannada/Telugu Name Transliteration in CLIR: A Statistical Approach	International Journal of Machine Intelligence (IJMI) IISN: 0975-2927 and E-IISN: 0975-9166, Volume 3, Issue 4 pp: 340-345
19.	Sentence Translation for Kannada using Morphological Analyzer and Generator	International Journal of Information and Communication Technology Research (IJICTR).

Full Papers in Conference Proceedings

Sl. No.	Title	Details of Conference Publication	ISBN/ISSN
01	Phoneme-to-Speech Dictionary for Indian Languages	The IEEE International conference on Soft Computing and Network Security (ICSNS)-2015, held on 25th -27th Feb 2015 at SNS College Engineering, Tamilnadu, India.	ISSN: 2248-9622
02	Metrics for evaluating phonetics machine translation in Natural Language Processing through Modified Edit Distance algorithm-A Naïve Approach	International Conference on Computer Communication and Informatics (ICCCI -2015), Jan. 08 – 10, 2015, Coimbatore, INDIA	ISBN:978-1-4799-6804-6
03	Indic Language Translation in CLIR using Virtual Keyboard	International Conference on Advances in Computing ICADC-2012” held on July 4-6 2012 at M.S.Ramaiah Institute of Technology Bangalore, India	ISBN: 978-81-322-0739-9 ISBN: 978-81-322-0740-
04	CLIR: English to Kannada/Telugu	International Conference on Information Management in the Knowledge Economy (IMKE - 2012)” held on July 16-17 2012 at Chitkara University, Chandigarh India	IISN: 0096-545X

05	Natural Language Identification and Translation Tool for Natural Language Processing	The International Conference on Advanced Computing, Engineering & Technology (ICACET 2012) in Malaysia, October 22-23, 2012	ISSN: 2278-3083
06	Indic Language Machine Translation Tool: English to Kannada/Telugu	The First International Conference on Multimedia processing, Communication and Computing Applications (ICMCCA-2012), 13-15 December 2012, Bangalore, India	ISBN 978-81-322-1142-6 ISBN 978-81-322-1143-
07	Classification and Analysis of Multivariate observations in Higher Education using Data Mining Techniques	International conference on Advances in Mathematical and Computational Methods AMCM2011, 5 th to 7 th Jan 2011, Sri Padmavathi Mahila Visvavidyalam, Tirupathi	
08	Cross Language Information Retrieval Using Search Engine and Data Mining	Second International conference on Advances in Computer Engineering ACE 2011, held on 21 st and 22 nd October 2011 Trivandrum, Kerala. DOI: 02.ACE.2011.02.	ISBN 978-81-910691-5-0.
09	English to Kannada/Telugu Name Transliteration in CLIR: A Statistical Approach	3 rd International Conference on Cognition & Recognition (ICCR)-2011" held on 9 th and 10 th December, 2011 at Mysore University, Mysore	ISSN:0975-2927
10	Improving the Performance of Indian Railway system Using Data Mining Techniques	Futuristic Technologies in Computer Science, Engineering & Application (NCFTCEA - 2010) on 10 th November, 2010, Bangalore.	ISBN:423-428