CURRICULUM VITA

1.	**Name**	:	**Dr. R.J.Rama Sree**
2.	**Date of Birth**	:	23rd May, 1964
3.	**Official Address**	:	Professor, Dept. of Computer Science
			Head, Dept of Computer Science,
			Rashtriya Sanskrit Vidyapeetha,
			(Deemed University)
			Trirupati – 517 507.
			Andhra Pradesh. India.
	Residential/Communication	:	9-21-3, AMARAVATHI NAGAR
			NEAR MR PALLE ROAD
			TIRUPATI - 2
	Email I.D.	:	rjramasree@yahoo.com
	Mobile No.	:	9704870412

4. Educational Qualifications

S.No	Exam Passed	Name of the University/Board	Year of the Passing	Percentage of marks
A.	Ph.D Did under NLP entitled "Part of Speech Tagging for Telugu"	S.P.Women's University Tirupati	Jan, 2007	
B.	M.S (Software System)	BITS, Pilani	Feb, 96	8.22 A Grade (out of 10)
C.	P.G.Dip.in computer Programming	S.P.Mahila University, Tirupati	Sept, 85	62
D.	Diploma in Management	Indira Gandhi National Open University (IGNOU), New Delhi	June, 94	3.62 B Grade (Out of 5)
E.	Certificate course in OOP & C++	Engg. Staff College of India, Hyderabad	July, 93	-
F.	M.Sc (Pvt. Study)	S.V.University, Tirupati	Sep, 83	50.5
G.	B.Sc (M.P.E)	S.V.University, Tirupati	April, 84	64
H.	H.Sc (10+2)	General Edn. Govt. of T.N	April, 81	69.4
I.	S.S.C	Board of S.E, Govt. of A.P	March, 79	65.8

* Equivalent to M.E/M.Phil declaration to that extent were given by BITS, Pilani, AIU and Ministry of HRD, Govt. of India.

Discipline/Area of specialization : NLP, Artificial Intelligence, Software Engineering

1. Consolidated Work Experience

S.No	Name of the Institution	Designation	Duration	Nature of Work	Total No Years
1.	S.V.Govt. Polytechnic, Tirupati	Part-time Lecturer	1-6-1986 to 16-8-1988	Teaching and guiding the students of PGDCA in their project work	2 Years 3 months
2.	S.V. University Computer Centre, Tirupati	Part-time Teaching Assistant	16-6-1986 to 31-8-1986	Teaching FORTRAN and conducting practical classes	3 Months
3.	A.P. Productivity Council (APPC), Tirupati	Part-time Lecturer	August, 86 to Sept, 90	Teaching and guiding the students in developing their project work	4 years and above
4.	TICEC, Tirupati	Part-time Lecturer	Jan. 88 to Dec, 89 & occasionally	Teaching and Developing software	2 Years
5.	S.P .Mahila University Tirupati	Assistant Programmer	16-8-1988 to 7-12-1988	Software Development	2 Months
6.	S.P.Mahila University, Tirupati	Programmer	8-12-1988 to 27-5-1997	Teaching for the first two years. Guiding the students & developing software for university work	8 Years & 6 Months
7.	S.P.Mahila University, Tirupati	Systems Engineer	27-5-1997 to 28-2-2001	Maintaining the lab and co-ordination all activities relevant to administration of servers and computing requirements of the University	2 Years
8.	Rashtriya Sanskrit Vidyapeetha, Tirupati	Reader & Head	01-3-2001 to 2009	Teaching and Research	8 Years
9.	Rashtriya Sanskrit Vidyapeetha, Tirupati	Professor & Head	2009 to till date	Teaching and Research	

2. M.Phil./Phd. Candidates guided/Awarded   :   3

Mr.Sudhakar Mohanty, R.S.Vidyapeetha, Tirupati,
Mr.M.S.Sarvanan, Bharathiar University, Coimbatore and
Mr. N.Murali, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya University, Kanchipuram

3. Member Academic Bodies

1. Chairman, Board of Studies of Sastri/B.Sc, Rashtriya Sanskrit Vidyapeetha, Tirupati
2. Chairman, Board of Studies of M.Sc. (CS&LT), Rashtriya Sanskrit Vidyapeetha, Tirupati
3. Chairman, Board of Studies of M.A(Sabdabodha), Rashtriya Sanskrit Vidyapeetha, Tirupati
4. Member, Board of Studies of Degree level courses at Sri Venkateswara Vedic University, Tirupati
5. Member, Board of Studies of PG(Computers) at Vikramasimhapuri University, Nellore.
6. Member, Rajyabhasha committee, Rashtriya Sanskrit Vidyapeetha, Tirupati.
7. Member, Academic Council (Vidwat Parishad) for two years of Rashtriya Sanskrit Vidyapeetha, Tirupati.
8. External Expert for Evaluation of the paper of IEEE International conference at Sri Venkateswar University, Tirupati.
9. Scrutiny Member, Bharatiya Vidyabhavan Committee, Bharatiya Vidyabhavan, Tirupati.
10. Member, Board of Studies in Computer Science at Vikramasimhapuri University, Nellore, on 06-11-2014.
11. Member, University Library Committee for 2014-15 and 2015-16, Rashtriya Sanskrit Vidyapeetha, Tirupati.
12. Acted as Computer Science expert on 25th & 26th March 2015, in the interview committee for Kendriya Vidyalaya No. 1, Ramnagar Area, Tirupati.
13. Member, Inspection Committee, Vikram Simhapuri University, Nellore on 18-07-2016
14. Interview Board member for selecting DBT-JRF at Sri Padmavati Mahila Visvavidyalayam, Tirupati on 29-08-2016
15. Member Board of Studies, Vikram Simhapuri University, Nellore 12-07-2017
16. Academic Auditor of laboratory infrastructure and courses for Department of Information Technology, VelTech Tnagarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai on 06-12-2017
17. CAS Member, Vikram Simhapuri University, Nellore 23-08-2018
18. Member, University Library Committee, R S Vidyapeetha, Tirupati 01-08-2019
19. Member, CRAC, R S Vidyapeetha, Tirupati 27-08-2019

4. Question Paper setter/Examiner

1. Question paper setter/Examiner for Engineering college/PG Courses of Computer Science at Sri Padmavathi Mahila University, Tirupati
2. Question paper setter and Examiner for Degree/PG Courses of computer Science at Sri Venkateswara University, Tirupati

3. Question paper setter and Examiner PG courses of computer Science at Yogi Vemana University, Kadapa

4. Question paper setter and Examiner for Degree/PG Courses of computer Science at Vikarama Simhapuri University, Nellore

5. Question paper setter and Examiner for PG Courses of Computer Science Dravidian University, Kuppam

6. Question paper setter and examiner for PG courses of Computer Science at Sri Vidyanikethan, Rangampeta

7. Question paper setter for PG Courses of Computer Science at Vignan University, Vdlamudi.

8. Practical Examiner for UG/PG courses of Rashtriya Sanskrit Vidyapeetha, Tirupati.

9. Convener for doctorial committee meeting on 14.08.2014 at Department of Computer Science & Applications, Sri Chandrasekharendra Saraswathi Vishwa Mahavidyalaya, Ethanur, Kanchipuram.

10. External examiner for the Ph.D Viva-Voce Examination of Research and Development Center on 20.08.2014 at Department of Computer Applications, Bharathiar University, Coimbatore.

11. External examiner for MCA-IV semester on 02-09-2014 at Krishna Chaitanya Institute of Science & Technology, Kakutur, Nellore Dist, Affiliated to Vikrama Simhapuri University.

12. External examiner for MCA II & IV Semesters as External Practical Examinations at Department of Computer Science, Vikrama Simhapuri University College of Science & Technology, Nellore.

13. Selected to attend the Doctorial Committee Meetings as external expert for the scholar on 31st October-2014 at Sri Chandrasekharendra Saraswathi Viswa Mahacidyalaya, Enathur,Kanchipuram.

14. Question paper setter for Rashtriya Sanskrit Sansthan, New Delhi

15. Question paper setter for Sri Venkateswara Vedic Univeristy, Tirupati

16. Question paper setter for Vikrama Simhapuri University, Nellore

17. Subject Expert for Selection Committee for Sri Padmavathi Mahila University, Tirupati

18. Additional Chief Superintendent for Annual, Semister, Certificate, Diploma and P.G. Diploma Courses at Rashtriya Sanskrit Vidyapeetha, Tirupati

19. Subject Expert for Selection Committee for GVK Chinmaya Vidyalaya, Tirupati

20. External examiner to conduct University Practical Examination for B.Pharmacy Students at Institute of Pharmaceutical Technology, Sri Padmavathi Mahila Visvavidyalayam, Tirupati

21. Examiner to conduct practical and viva-voice examinations to students of MCA II Semester, Sri Venkateswara University, Tirupati on 8th and 9th August 2017

22. Examiner to conduct MCA Practical Examination at Sri Harsha institute of P.G. Studies, Affiliated to Vikram Simhapuri University, Nellore on 01st September, 2017

23. Internal Examiner for Ph.D Viva Voce Examination, Bharathiar University, Coimbatore on 11-09-2017

24. External Examiner to conduct project viva voce for ii year M.Tech Computer Science And Engineering, Sri Padmavati Mahila Visvavidyalayam, Tirupati on 11-10-2017
25. Examiner to conduct M.Sc Practical Examination at Vikram Simhapuri University Post Graduate Center, Kavali from 03-jan-2018 to 04-jan-2018
26. Examiner to conduct MCA Practical Examination at Vikram Simhapuri University, Kakutur, Nellore from 14-Feb-2018 to 17-Feb-2018
27. Examiner to conduct M.Tech Project Viva at Sree Vidyanikethan Engineering College, Tirupati on 19-July-2018
28. Examiner to conduct MCA Practical Examination at Vikram Simhapuri University, Kakutur, Nellore on 23-July-2018
29. External Examiner to conduct Ph.D viva-voce Dept. of Computer Science, Acharya Nagarjuna Universty, Guntur on 29-08-2018
30. External Examiner to conduct Ph.D viva-voce Dept. of Computer Science, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Kanchipuram on 20-09-2018
31. External Examiner to conduct project viva voce for ii year M.Tech Computer Science And Engineering, Sri Padmavati Mahila Visvavidyalayam, Tirupati on 12-11-2018
32. External Examiner to conduct project viva voce for ii year M.Tech Computer Science And Engineering, Sri Padmavati Mahila Visvavidyalayam, Tirupati on 28-12-2018
33. External Examiner to conduct MCA Practical Examinations at Sri Kakahastiswara Institute of Information and Management Science, Srikalahasti on 31-12-2018
34. Doctoral Committee Meeting Expert at Research and Development Center at Department of Computer Applications, Bharathiar University, Coimbatore on 23.01.2019
35. Doctoral Committee Meeting Expert at Dept. of Computer Science, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Kanchipuram on 01-03-2019
36. Subject Expert at GVK Chinmaya Vidyalaya on 08-04-2019
37. Doctoral Committee Meeting Expert at Research and Development Center at Department of Computer Applications, Bharathiar University, Coimbatore on 25.04.2019
38. Doctoral Committee Meeting Expert at Research and Development Center at Department of Computer Applications, Bharathiar University, Coimbatore on 20.06.2019
39. External Examiner to conduct project viva voce for ii year M.Tech Computer Science And Engineering, Sri Padmavati Mahila Visvavidyalayam, Tirupati on 25-07-2019
40. External Examiner to conduct Ph.D viva-voce Dept. of Computer Science, Acharya Nagarjuna Universty, Guntur on 05-08-2019
41. Subject Expert at R S Vidyapeetha, Tirupati on 05-09-2019
42. Chairperson, Technical Assistance Committee, R.S.Vidyapeetha for 14th AISSTF and 23rd Convocation from 28-01-2020 to 02-02-2020

43. External Examiner to conduct MCA Computer Practical Examinations at S.V.Arts and Science College, Nellore on 26-02-2020

5. Research projects undertaken

a. Acted as co-ordinator for an academic project – Master's Course in Shabdhabodha (A Sanskrit term which means that the Science helps to identify the information encoded in the given utterance) – sanctioned by UGC as the inter-disciplinary course under innovative scheme, for two years period (2005-2007)

b. Acted as co-ordinator for an academic project - Master's Course in Natural Language Processing sanctioned by UGC as Centre for Excellence under traditional shastras – 14 lakh Rs. funded by UGC under CoE – 2004-2007

c. Acted as co-ordinator for English-to-Sanskrit Machine Translation funded by MHRD – 2004-2005

d. Acted as co-ordinator for UGC sponsored Major Research Project on "Extraction of Multi Word expressions for Sanskrit – 2012 - 2015"-UGC Reference No. 41-648/2012(SR).

6. Technical Assistance

a. Ramayana Project
b. Sansknet Project
c. Machine Translation Project
d. Sabdabodha
e. NLP Project

8. Training/Orientation programmes

(i) Organised a Ten days National workshop for Sanskrit Teachers on "NLP for Sanskrit Teachers and Researchers" in July 2006.

(ii) Organised one month training program for P.G.students in NLP in Aug 2006.

(iii)Dharamgiri Veda Pathasala Teachers

9. Curriculum Development

1. Prak-shastri, Rashtriya Sanskrit Vidyapeetha, Tirupati

2. Shastri/B.A. Computer Science, Rashtriya Sanskrit Vidyapeetha,Tirupati

3. Shastri/B.A. Computer Applications, Rashtriya Sanskrit Vidyapeetha,Tirupati

4. Shabdhabodha Rashtriya Sanskrit Vidyapeetha,Tirupati (innovative course under X Plan, UGC)

5. NLP, Rashtriya Sanskrit Vidyapeetha,Tirupati (under Centre of Excellence, UGC)

6. PG Diploma Course in Web Technologies for Indian Languages, Rashtriya Sanskrit Vidyapeetha, Tirupati.

7. Certificate, Diploma,Advanced Diploma -under Career Oriented Sanctioned by UGC i. Web Technologies for Indian Languages, ii. DTP for Indian Languages, Rashtriya Sanskrit Vidyapeetha, Tirupati.

8. E-Learning Course Material, Rashtriya Sanskrit Vidyapeetha, Tirupati.

10. Resource Person

(i) National Symposium on "English Grammar in Paninian Perspective" from 7th to 9th November 2005 in Rashtriya Sanskrit Vidyapeetha, Tirupati.

(ii) UGC refresher orientation courses organised by Academic Staff College, S V University, Tirupati

(iii) UGC refresher orientation courses organised by SPMVV, Tirupati

(iv) Orientation Programme organised by IASE, RSVP,TPT from 26-30th June, 2007.

(v) Acted as a resource person and chaired two sessions of "1st National level Student Technical Symposium" on 30-12-2012 organized by KMM institute of Technology and Science, Ramireddy Palli,Tirupati.

(vi) Delivered a Guest Lecture on the topic " Natural Language Processing" in COMFETE"11 a National Seminar conducted at Sri Sankara Arts & Science College (Managed by Sri Kanchi Kamakoti Peetam Charitable Trust and Affiliated to University of Madras), Enthur, Kanchipuram on 23-02-2011

(vii) Delivered a Guest Lecture on the Topic "Natural Language Processing" in the Refresher course conducted for the Assistant Professors/Associate Professors working in colleges at Presidency College (Autonomous), Chennai.

(viii) The Guest Lecture on Information Retrieval conducted by the Sree

Vidyanikethan Engineering College, Tirupati.

(ix) Delivered a Keynote address in the "National Conference on Advanced Computing Applications in Conjunction with National Workshop on Cloud computing & its Applications-2013".

(x) Acted as Session Chair for one of the Parallel Sessions in "Innovations in IT and engineering (IITE 2K13) in conjunction with National Information Technology Colloquium (NITC 2K13)".

(xi) Delivered a lecture on "Computer Science in the Bridge Course Programme" conducted from 5th to 13th July-2013 at Rashtriya Sanskrit Vidyapeetha, Tirupati.

(xii) Acted as a resource person in "International Conference on Research Trends in Computer Science" organized by Sri Kanyaka Parameswari Arts and Science College for Women, Chennai during August- 2013.

(xiii) Delivered a Keynote address on the topic "introduction to Computer speech and language processing" in the National Conference on Data Mining and its Applicaions (NCDMA-2K14) at Sri Venkateswara University, Tirupati during 3rd to 5th, July-2014.

(xiv) Delivered a speech in Govt. Degree College for Women, Madnappalle on 4th February 2015, on the occasion of College day celebrations. (special invitee)

(xv) **Chair person at Sri Venkateswara Vedic University, Tirupati on 19th Nov 2015, International Conference on Veda Science**

(xvi) **Guest faculty to teach "Natural language processing" for first semester M.Tech(CSE) at School of Engineering and Technology, Sri Padmavati Mahila Visvavidyalayam, Tirupati from 23rd January 2016**

(xvii) **Resource Person to give lecture on "Role of Modern Sanskrit in Sanskrit Education" at Rashtriya Sanskrit Samsthan, Puri on 28-March-2016**

(xviii) **Resource Person at "National Seminar on Vedas – Sciences" - Sri Venkateswara Vedic University, Tirupati on 26-July-2016**

(xix) **Resource Person to give lecture on "Sexual Harassment Of Women At Workplace" at Academic Staff College, Tirupati on 13-Feb-2018**

11. Research Publications/International Conferences/National Conferences

i. Research Publications

1. Rama Sree R.J., Madhu Murthy K.V., **Brill's Transformation rule-based Tagger for Telugu.** Library Progress (International).Vol. 26(No. 1)2006.(ISSN-0970 1052) (pp 53-60)

2. Rama Sree R J. **Data Mining of nouns from Telugu Documents: A data driven Approach.** International Journal of Computing and Applications, Serial Publications, New Delhi. Vol. 1, No. 2. December 2006. (ISSN 0973-5704) (pp 145-152.)

3. Rama Sree R.J., Chandra Sekharam B., Sreedhar G. **A Proposal for classifying the Sanskrit documents.** Data Mining - Applications: Opportunities and Challenges published by

4. Rama Sree, R.J. , Uma Maheswara Rao G., Dr. Madhu Murthy K.V. **Assessment and Development of POS Tag set for Telugu**. Proceedings of W5: The 6th workshop onm Asian Language Resources (ALR) held during Jan11-12, 2008, at IIIT, Hyderabad organized by Asian Federation of Natural Language Processing (AFNLP) in cooperation with International Institute of Information Technology (IIIT-H), pgs 85-88).

5. Rama Sree, R.J. , Dr.Uma Maheswara Rao, Dr. Madhu Murthy, K.V.**A Rule-based POS tagger for Telugu.** International Journal of Computational Intelligence Theory and Practice, Serial Publications, New Delhi

6. Rama Sree R.J., Madhu Murthy K.V., **Brill's Transformation Rule-Based Tagger for Telugu.** Library Progress in International Journal of Pure and Applied Sciences, New Delhi, Vol. 26, No.1, Jan-June, 2006.

7. Rama Sree RJ. **Data Mining of Nouns from Telugu Documents: A Data Driven Approach.** International Journal of Computing and Applications, Serials Publications, New Delhi, Vol.1, No. 2, December 2006.

8. Rama Sree, R.J., Dr.Uma Maheswara Rao, Dr. Madhu Murthy, K.V. **A Rule-Based POS Tagger for Telugu.** International Journal of Computer Science and System Analysis, Serials Publications, New Delhi, Vol.1, No.2, July-December 2007.

9. Rama Sree R.J., Madhu Murthy K.V., **Data Driven Methods for POS Tagging of Telugu Texts** in International Journal of Computational Intelligence Theory and Practice, Research Science Press (India), New Delhi, Vol.2, No.2, 2007.

10. Rama Sree R.J., Chandra Sekharam B., Sreedhar G. **A Proposal for Classifying the Sanskrit Documents.** In **Classification of Data Mining,** Discovery Publication (accepted for publication), New Delhi, 2008.

11. Kadambini K, **Rama Sree R.J.,** Rama Krishnamacharyulu K.V. **An English-Sanskrit Machine Translation Using Link Parser.** In "English Grammar in Paninian Perspective" Proceedings of National Seminar, Accepted for publication by Rashtriya Sanskrit Vidyapeetha, Tirupati.

12. Rama Sree R.J., *Uma Maheswara Rao G and Madhu Murthy K.V.* **Assessment and Development of POS Tag Set for Telugu.** Proceedings of IJCNLP 2008, The 6th workshop on Asian Language Resources, January 11-12, 2008. Hyderabad, India.

13. M.S. Saravanan, R.J. Rama Sree. "**Open problems in Exception Handling in C++: A Software Engineering Perspective**". – Published in "International Journal of Advance in Communication Engineering", Vol. 1, No. 1, June' 2009, Published by the International Science Press, INDIA, pp. 27-31, ISBN: 0975-6094.

14. M.S. Saravanan, R.J. Rama Sree. "**Process modeling using ILOG JViews BPMN Modeler tool to Identify Exceptions".** Published in "Global Journal of Computer Science and Technology", Vol. 1.2, Sep' 2009, Published by the Fellow of International Congress of Computer Science and Technology, USA, pp. 18-23, ISSN: 0975-4350.

15. M.S. Saravanan, R.J. Rama Sree. "**Exception identification and verification of Business process using eBPMN Tool".** Published in "International Journal of Technology and Engineering Systems (IJTES)", Vol. 1. No. 2 July – Sep' 2010 by the gopalax publications, USA, pp. 151-155, ISSN: 0976-269X.

16. M.S. Saravanan, R.J. Rama Sree. "**Workflow analysis for improving Cabinet dyeing process using Bonitasoft BPM tool: A Case Study".** Published in "International Journal of Computer and Information Systems", Vol 1, Issue 3, Oct' 2010 by the Silicon Valley Publishers, UK, pp. 60-64, ISSN: 2229-5208.

17. M.S. Saravanan, R.J. Rama Sree. **"Process Mining in Healthcare using Control flow perspective: A Case Study"** Published in "International Journal of Current Research", Vol. 11, Dec' 2010 by the Academic Journal of Publishers, USA, pp. 215-221, ISSN: 0975-833X.

18. M.S. Saravanan, R.J. Rama Sree. "**Application of Workflow Technology to Cabinet Dyeing order System".** Published in "Journal of Computer Technology and Application" Vol 2, No. 1, Jan' 2011 by the David Publishing Company, USA, pp. 62-66, ISSN: 1934-7332.

19. M.S. Saravanan, R.J. Rama Sree. **"Process Mining in Dyeing Unit Using Organizational Perspective: A Case Study"** Published in "International Journal on Computer Science and Engineering (IJCSE)" Vol. 3, No.3, Mar' 2011 by the Engineering Journal Publications, SINGAPORE, pp. 1344-1350, ISSN: 0975-3397.

20. M.S. Saravanan, R.J. Rama Sree. "**A Role of Heuristics Miner Algorithm in the Business Process System**", Published in "International Journal of Computer Technology and Applications (IJCTA)" Vol. 2, No. 2, Mar' 2011 by the Foundations of Computer Science, INDIA, pp. 340-344, ISSN: 2229-6093.

21. M.S. Saravanan, R.J. Rama Sree. "**Process Mining in Dyeing Unit Using Control Flow Perspective: A Case Study**". Published in "International Journal of Data Mining Knowledge Engineering (IJDMKE)", Vol 3, No. 6, by the Coimbatore Institute of Information Technology International Journals, INDIA, pp. 351-356, ISSN 0974-9683 (print), ISSN 0974-9578 (online).

22. M.S. Saravanan, R.J. Rama Sree. "**Knowledge Discovery Process through Process Mining".** Published in "International Journal of Data Mining Knowledge Engineering (IJDMKE)", Vol 3, No. 6, by the Coimbatore Institute of Information Technology International Journals, INDIA**,** pp. 357-362, ISSN 0974-9683 (print), ISSN 0974-9578 (online).

23. M.S. Saravanan, R.J. Rama Sree. "**Evaluation of Process models using Heuristic Miner and Disjunctive Workflow Schema Algorithm for Dyeing Process".** Published in "International Journal of Information Technology Convergence and Services (IJITCS)", Vol 1, No.3, by the Academy & Industry Research Collaboration Center, USA, pp. 47-68, ISSN: 2231-153X (Online), ISSN: 2231-1939 (Print).

24. M.S. Saravanan, R.J. Rama Sree. "**Survey of Workflow Analysis in Past and Present Issues".** Published in "International Journal of Engineering Science and Technology (IJEST)", Vol 3, Issue 6, by the Engineering Journals Publications, USA, ISSN: 0975-5462.

25. M.S. Saravanan, R.J. Rama Sree. "**Process Mining in Dyeing Unit Using Performance Perspective: A Case Study".** Accepted to publish in "International Journal of Computer Science, Engineering and Applications" (IJCSEA)", by the Academy & Industry Research Collaboration Center, USA, ISSN: 2230 - 9616 (Online), 2231 - 0088 (Print).

26. M.S. Saravanan, R.J. Rama Sree. "**A New Fast and Memory efficient frequent pattern mining algorithm for Large Databases: LinkRuleMiner".** Accepted to publish in "International Journal of Computer Science and Information Technology (IJCSIT)", by the Academy & Industry Research Collaboration Center, USA, ISSN: 0975-3826 (Online), ISSN: 0975-4660 (Print).

ii. Papers Presented at National Conferences

1. Rama Sree R.J., Madhu Murthy K.V. **A Telugu Parser for a Machine Translation System**. All India Seminar on Computers and Applications in rural, Industrial & Engineering Fields, 21-22 Feb,1996.

2. Srimannarayana Murthy, Rama Sree R.J., Madhu Murthy **K.V. A Proposal for the development of electronic multilingual dictionary of Indian Languages. Seminar cum workshop on thesaurus in Indian Languages** *organized by SPMVV in collaboration with CIIL, Mysore, 1999.*

3. Rama Sree, R.J. , Dr.Uma Maheswara Rao, Dr. Madhu Murthy, K.V. **A proposal for the design and development of Telugu wordnet**. National Conference on Language Technology Tools: Implementation of Telugu & Urdu (LTTIT), 8th-10th October, 2003 organised by Centre for Applied Linguistics and Translation studies, Hyderabad.

4. Rama Sree R.J., Madhu Murthy K.V. **A study on information extraction methods.** National conference on recent developments in Application of Mathematics, 21-22 March, 2005 organized by S.P. Mahila University, Tirupati.

5. Rama Sree R.J., Madhu Murthy K.V. **Part of speech tagging for Telugu using Brill's POS Tagger.** National Conference on Emerging Technologies & Applications (ETA-2005), 1-2 October 2005 organized by Computer Science Department of Saurashtra University, Rajkot jointly with Amoghsiddhi Education Society, Sangli.

6. Rama Sree R.J., Chandra Sekharam B., Sreedhar G. **A Proposal for classifying the Sanskrit documents.** National Conference on "Applications of Data Mining, 24-25 April, 2006, organised by S.P. Mahila University, Tirupati.

7. Jagannath. G, Rama Sree R.J., **Moprhological Analyser for Malayalam**. Recent trends in Malayalam Language Technology, Dept. of Linguistics, University of Kerala, Trivendrum.

8. Jagannath. G, Rama Sree R.J., **Malayalam Morphological Analyser**. 34th DLA conference, Dravidian Linguistic Association, Thiruvanatha Puram.

9. Rama Sree, R.J. , Dr.Uma Maheswara Rao, Dr. Madhu Murthy, K.V. **A Maximum Entropy Model for Telugu part-of-speech Tagging.** 28th All India Conference of Linguists, 02-04 November 2006 organised by Department of Linguists, Banaras Hindu University, Varanasi, U.P.

10. Chandra Sekharam B., Rama Sree R.J. **A Critical Survey on issues of Digitizing Indian Language Texts.** Conference and Workshop on Digital Texts in Editable Format, with Special reference to Indic Scripts held at Jadavpur University,Culcutta from 7 to 10 February, 2007.

11. M.S. Saravanan, R.J. Rama Sree. "**Open problems in Exception Handling in C++: A Software Engineering Perspective**". In NCRTRCA'09, Dept. of Computer Applications, Loyola College, Chennai, TamilNadu, March'2009.

12. M.S. Saravanan, R.J. Rama Sree. "**Advanced Exception Handling Mechanism Techniques**". In RTAC'09, Dept. of Computer Applications, Thiagarajar School of Management, Madurai, TamilNadu, April' 2009

13. **Sep' 2010** "**Workflow analysis for improving Cabinet dyeing process using Bonitasoft BPM tool: A Case Study".** Research paper Presented in "National Conference on Emerging Trends in Computing, NCETC' 2010", Organized by Dept. of Computer Science and Engineering, Vel Tech High Tech Dr. RR & Dr. SR Engineering College, Avadi, Chennai, Tamil nadu, 17th & 18th Sep' 2010, pp. 73-82, ISBN: 978-81-8424-622-3.

14. M.S. Saravanan, R.J. Rama Sree. "**PC Optimization using Ace Optimizer Data Mining Tool**". Paper presented in "National Conference on Data Mining & Network Security NITC' 09", Dept. of Computer Applications, S.V. University, Tirupati, Andhra Pradesh, April' 2009 and Published in the Conference Proceedings, pp. 77-81.

15. M.S. Saravanan, R.J. Rama Sree. "**Exception Handling Enforcement in BizAgi BPMN tool".** Research paper Presented in "National Conference on Intelligent Systems and Communications NCISC' 2009", Organized by Dept. of Computer Science, Sri Padmavati Mahila visvavidyalam, Women's University, Tirupati, Andhra Pradesh and UGC, New Delhi, 2ⁿᵈ & 3ʳᵈ Dec' 2009, pp. 82-87, ISBN: 978-81-908497-4-6.

16. Sunil Kumar. C, Dr.R.J. Rama Sree **"Warning System for Email Users through Application of Pattern Recognisition Techniques on Mail Servers for phishing Emails Detection"** published in "National Conference on Soft Computing" proceedings [ISBN 978-81-908520-1-2] page No. 191-196, January 2010.

17. Sunil Kumar. C, Dr.R.J. Rama Sree **"Virtual classrooms at zero costs to higher educationinstitutes"** published in "National Conference on Rethinking Higher Education Today- Towards Transformation of Practices, Policies and Institutions" Proceedings, March 2011, Asian Centre for cross-cultural studies, (ACCS)

18. R.J. Ramasree **" Stanford POS Tagger".** Research paper presented in " National Conference on Computer Science , Engineering And Applications (CSEA - 2012)"

19. Muni Prashanthi R, Dr R. J Rama Sree "**POS Tagger for Sanskrit**" in the National Conference on "Advances in Computational Intelligence and Computer Science(ACICE 2013)", Dept of Computer Science, SPMVV, Tirupati

iii. Papers Presented at International Conferences

1. Rama Sree, R.J. , Uma Maheswara Rao G., Madhu Murthy K.V. **Study of Part-of-speech ambiguities in Telugu**. The Linguistic Society of India, Platinum Jubilee International Conference at the Centre for Applied Linguistics & Translation Studies (CALTS), University of Hyderabad, Hyderabad, in collaboration with Central Institute of Indian Languages, Mysore.

2. Rama Sree R.J., Madhu Murthy K.V. **Statistical Techniques used for the problem of POS Tagging.** International Conference on Statistical Science , OR & IT in conjunction with the XXVI Annual Convention of Indian Society for Probability and Statistics (ISPS) during 7-9 January, 2007.

3. Chandra Sekharam B., Rama Sree R.J. **A Proposal for Text to Speech synthesis using Unit Selection for Sanskrit.** International Conference on Statistical

Science , OR & IT in conjunction with the XXVI Annual Convention of Indian Society for Probability and Statistics (ISPS) during 7-9 January, 2007.

4. Rama Sree, R.J., Kusuma Kumari P. **Combining POS taggers for improved accuracy to create Telugu annotated texts for Information Retrieval**. The 34d International Conference on Universal Digital Library, November 2-4, 2007. Carnegie Mellon University, Pittsburgh, PA.

5. Chandra Sekharam B., Rama Sree R.J. **Creating Annotated Speech Corpora for generating Text to Speech Systems for Sanskrit.** International Conference on Emerging Technologies and Applications in Engineering, Technology and Sciences, 13-14 January 2007 Computer Science Department Saurashtra University, Rajkot – Gujarat (India) and A.E.S., Sangli**,** Maharashtra.

6. M.S. Saravanan, R.J. Rama Sree. "**Exception identification and verification of Business process using eBPMN Tool".** Published in "International Journal of Technology and Engineering Systems (IJTES)", Vol. 1. No. 2 July – Sep' 2010 by gopalax publications, USA, pp. 151-155, ISSN: 0976-269X.

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8. M.S. Saravanan, R.J. Rama Sree. **"Process Mining in Healthcare using Control flow perspective: A Case Study"** Published in "International Journal of Current Research", Vol. 11, Dec' 2010 by Academic Journal of Publishers, USA, pp. 215-221, ISSN: 0975-833X.

9. D.Nagaraju, Dr.R.J.Rama Sree .: **Concept-to-Speech Generation for Telugu**. InInternational Journal of Software Engineering (IJSE) (2010) 1-8., ISSN 0974-3162

10. M.S. Saravanan, R.J. Rama Sree. "**Knowledge Discovery Process through Process Mining".** Research paper Presented in "International Conference on Smart Technologies for Materials, Communication, Controls, Computing and Energy", ICST' 2011, Organized by Vel Tech Dr. RR & Dr. SR Technical University, Chennai, INDIA and Oklahoma State University, USA, 5th to 7th Jan' 2011, pp. 78 - 82, ISBN: 978-81-8424-650-6.

11. M.S. Saravanan, R.J. Rama Sree. "**Process Mining in Dyeing Unit using Organizational Perspective: A Case Study".** Research paper Accepted in

"International Conference on Operational Excellence for Global Competitiveness", ICOEGC' 2011, Organized by R.V. College of Engineering, Bangalore and ABCON Information Systems, Banagalore, INDIA, 3rd to 5th Feb' 2011, pp. 125-129.

12. D.Nagaraju, Dr.R.J.Rama Sree .: **Emotional Speech Synthesis for Telugu**.International Journal of Computer science and Engineering (IJCSE), Research India Publications,Vol2&issue3, July-Aug 2011. 649-654.

13. R.J. Rama Sree. **"MINI KWIC Concordancer for Sanskrit".** Presented a paper in International Conference on Information & Communication Engineering ICICE-2012, Bangalore, on 28th June, 2013.

14. C.Sunil Kumar and Dr.R.J. Rama Sree **"Analysis of Effects of Feature Selection to Improve Models Performance during Automated Evaluation of Descriptive Answers through Sequential Minimal Optimization",** International Journal of Computational Intelligence and Informatics (IJCII), Offline ISSN: 2231-0258, Online ISSN: 2349-6363, Vol. 3, No. 1, PP.33-39, April-June 2013.

15. N Murali, Dr. R. J. Rama Sree. "**Rule-based Extraction of Multi-Word Expressions for Elementary Sanskrit Texts"** in IJARCSSE, Volume 3 Issue 11, November 2013 paper ID: V3I11-0402

16. C.Sunil Kumar and Dr.R.J. Rama Sree **"Experiments towards determining best training sample size for an automated evaluation of descriptive answer through Sequential Minimal Optimization",** ICTACT Journal on Soft Computing, Print ISSN 0976-6561, Online ISSN: 2229-6956, Vol. 4, No. 2, pp.710-714, January 2014.

17. D.Nagaraju, Dr.R.J.Rama Sree .: Prosodic Analysis for Telugu Script. International Journal of Advanced Research in Computer Science and Software Engineering .Volume 4, Issue 5, May 2014.1332-1336, ISSN: 2277 128X

18. C.Sunil Kumar and Dr. R.J. Rama Sree. **"Assessment of Performances of Various Machine Learning Algorithms During Automated Evaluation of Descriptive Answers",** ICTACT Journal on Soft Computing – Special Issue on Soft Computing in System Analysis, Decision and Contraol, Print ISSN 0976-6561, Online ISSN 2229-6956, Vol. $, No.4, pp 781-786, July 2014.

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20. C.Sunil Kumar and Dr. R.J. Rama Sree. **"Application of Ranking based Attribute Selection Filters to Perform Automated Evaluation of Descriptive Answers through Sequential Minimal optimization Models"**, ICTACT Journal on Soft Computing – Special Issue on Distributed Intelligent Systems and Applications, Print ISSN 0976-6561, Online ISSN 2229-6956, Vol. 5, No. 1, pp. 860-868, October 2014.

21. C.Sunil Kumar and Dr. R. J. Rama Sree. **"An Attempt to Improve Classification Accuracy through Implementation of Boosting with Sequential Minimal Optimization during Automated Evaluation of Descriptive Answers"**, International Journal of Applied Engineering Research (IJAER), Print ISSN 0973-4562, Online ISSN 1087-1090, Vol. 9, No.19, pp. 6005-6016, 2014. [SCOPUS Indexed Journal]

22. N Murali, Dr. R. J. Rama Sree and Ramakrishnamacharyulu K.V. **"Kridanta Analysis for Sanskrit"** in ICONACC, Manipur, India, March 10-12, 2014, Number: 43

23. N Murali, Dr. R. J. Rama Sree and Ramakrishnamacharyulu K.V. **"Kridanta Analysis for Sanskrit"** International Journal on Natural Language Computing (IJNLC), June 2014, Volume 3, Number 3.

24. D.Nagaraju, Dr.R.J.Rama Sree .: **Diphone database for Telugu**.International Journal of Scientific and Engineering Research volume 6, Issue 2, 2015

25. C.Sunil Kumar and R.J.Rama Sree presented a paper entitled "Dimensionality Reduction in Automated Evaluation of Descriptive Answers through zero variance, Near zero Variance and Non Frequent Words Techniques a Comparision" during IEEE 9th International Conference on Intelligent Systems and Control, ISCO 2015.

26. D.Nagaraju, Dr.R.J.Rama Sree: **Text to Pho algorithm for Telugu**. International Journal of Research in Engineering & Advanced Technology, Volume 4, Issue 1, Feb - March, 2016. 26-28, ISSN: 2320-8791

27. D.Nagaraju, Dr.R.J.Rama Sree .:**Emotional speech by TD-PSOLA**. GE-International Journal of Engineering Research Vol. 4, Issue 5, May 2016. 16-26., ISSN: 2321-1717

28.

SHORT TERM COURSE/WORKSHOPS:

1. " Short term course on cryptography " organized by Dept. of Mathematics, IIT Kharagpur.

12. Books Published

1. **"*Superficial overview of Data Mining Tools*",** Global Research Publications, New Delhi, 2007.
2. **"*Perl Primer*",** Accepted for Publication by Rashtriya Sanskrit Vidyapeetha, Tirupati.
3. **"*Data Warehousing & Data Mining*",** IKon publications
4. Prof. R.J.Rama Sree and T.Sree Ganesh, "*Parts-of-Speech Tagging (A hybrid approach with rule based and machine learning techniques)*", ISBN No. 978-3-8433-9148-1, LAMBERT Academic Publishing, Germany

Books Edited

1. *"English Grammar in Paninian Perspective".* Proceedings of National Symposium, Accepted for Publication by Rashtriya Sanskrit Vidyapeetha, Tirupati, 2007.

13. Course Material published by DDE, RSVP, Tirupati

1. Introductory Programming using C Language   - 2005
2. Natural Language Processing   - 2003
3. Introduction to HTML   - 2003
4. Introduction to Internet Technologies   - 2003

Question Paper Setter/Examiner/Expert

- Practical Examiner for UG/PG courses of Rashtriya Sanskrit Vidyapeetha, Tirupati.
- Subject Expert at Rashtriya Sanskrit Vidyapeetha, Tirupati
- Additional Chief Superintendent for Annual, Semister, Certificate, Diploma and P.G. Diploma Courses at Rashtriya Sanskrit Vidyapeetha, Tirupati
- Question Paper Setter and Examiner for Engineering college/PG Courses of Computer Science at Sri Padmavathi Mahila University, Tirupati
- Question Paper Setter and Examiner for Degree/PG Courses of computer Science at Sri Venkateswara University, Tirupati
- Question Paper Setter and examiner for Sri Venkateswara Vedic Univeristy, Tirupati
- Question Paper Setter and Examiner PG courses of computer Science at Yogi Vemana University, Kadapa
- Question Paper Setter and Examiner for PG Courses of Computer Science Dravidian University, Kuppam
- Question Paper Setter and Examiner for PG courses of Computer Science at Sri Vidyanikethan, Rangampeta
- Question Paper Setter for Rashtriya Sanskrit Sansthan, New Delhi
- Question Paper Setter for PG Courses of Computer Science at Vignan University, Vdlamudi.
- Question Paper Setter and Examiner for Degree/PG Courses of Computer Science at Vikarama Simhapuri University, Nellore
- External examiner for MCA at Krishna Chaitanya Institute of Science & Technology, Kakutur, Nellore Dist, Affiliated to Vikrama Simhapuri University.
- Subject Expert for Selection Committee for GVK Chinmaya Vidyalaya, Tirupati
- External examiner to conduct University Practical Examination for B.Pharmacy Students at Institute of Pharmaceutical Technology, Sri Padmavathi Mahila Visvavidyalayam, Tirupati
- External examiner for the Ph.D Viva-Voce Examination at Bharathiar University, Coimbatore
- External Examiner to conduct Ph.D viva-voce Dept. of Computer Science, Acharya Nagarjuna University, Guntur