

# SRI VENKATESWARA UNIVERSITY::TIRUPATI, A.P

## PROFILE OF Dr. M. HUMERA KHANAM



**Dr. M. Humera Khanam**

**Associate Professor**

**Dept. of Computer Science and Engineering**

**Sri Venkateswara University College of Engineering**

**Sri Venkateswara University, Tirupati**

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### PROFILE

<b>Name</b>	Dr.M. Humera Khanam <b>B.E., M.Tech., Ph.D.</b>
<b>Phone</b>	0877-2289332 (O) 0877-2248810 (R)
<b>Mobile</b>	09490923045
<b>Date of Birth</b>	14-04-1974
<b>Nationality/Caste</b>	Indian-Muslim-OC
<b>Educational Qualifications</b>	Polytechnic, B.E., M. Tech., Ph.D.
<b>Specialization:</b>	Computer Science and Engineering ( Natural Language Processing )
<b>Areas of Research Interest</b>	Natural Language Processing, Speech and Language Processing, Machine Learning, Theory of Computations, Compiler Construction, Artificial Intelligence.

<b>Experience</b>		<b>18 years</b>
<b>Subjects Taught</b>		
<b>S. No</b>	<b>UG program</b>	<b>PG program</b>
1.	Computer Programming in C	Speech and Language Processing
2.	Information & Communication Technology	Machine Learning
3.	Data structures through C++	Wireless Sensor Networks
4.	Theory of Computations	Cryptography & network security
5.	Microprocessors and Interfacing	SLP Laboratory
6.	Computer Organization	ML Laboratory
7.	Advanced Computer Architecture	
8.	Compiler Construction	
9.	Computer Graphics	
<b>Awards Received</b>		Received “National award for teaching Excellence” in 2013.
<b>Papers published in International Journals</b>		<b>15</b>
<b>International \ National Conferences Attended and Presented papers</b>		<b>18</b> International: 06 National: 12
<b>Workshops Organized</b>		National: <b>05</b>
<b>Training Programs/Short Term Courses/ Faculty Development Programs/ Workshops attended</b>		<b>26</b>
1. Training Programs/Short Term Courses Attended		4
2. Faculty Development Programs		5
3. Workshops attended		Two weeks: 5 One week: 2 One/two days: 10
<b>M.Tech Projects Guided</b>		<b>20</b>

<b>Membership in Professional bodies</b>	Life Member of ISTE Fellow of IETE Life Member of SVUWTA Life Member of SVUTA
<b>Administrative Positions Held: University level/College Level/ Department</b>	
1.	Serving as the Deputy Warden for B. Tech & M. Tech students in SVU College Hostels for Women with effect from 21-2-2008 to till date
2.	Serving as the Flying Officer in NCC 11 (A) Air Sqn (Tech), SVU Campus, S. V. University, Tirupati, with effect from 17-12-2014 to till date
3.	Serving as Member, Board of Studies in CSE (UG&PG), S V University with effect from 13-09-2012 to till date
4.	Served as a member in an Anti-Ragging Committee (ARC) for the SVU College of Engineering, Tirupati to cooperate with the college administration for preventing the menace of ragging
5.	Served as a member of the Inspection Commission for the inspection of the colleges in Chittoor District, AP. For the academic year 2012-13.
6.	Served as NAAC Reaccreditation Committee Member to prepare NAAC Reaccreditation report of curricular Aspects/2013-2014.
7.	Appointed as Departmental coordinator of the NBA, NAAC and TEQIP-II, SVUCE, SVU, Tirupati, from 18-10-2013
8.	Served as a member of the Department Ambience Monitoring Committee to submit proposals of the College/University in improving the Ambience of the Department/2013-14.
9.	Served as Member of Strategic Plan Group to prepare the documents for TEQIP II-1.2. /2014
10	Served as Member in TEQIP-II Innovative project program for discussion and scrutiny of the project proposals received from the students
11.	Served as Presiding Officer in the General Election to House of people/Andhra Pradesh Legislative Assembly, Tirupati Assembly Constituency, On 06-05-2014 & 07-05-2014.

12.	Appointed as a member of the Confidential Work of the APECET 2015 at Anantapur from 15-5-2015 to 22-5-2015.
13.	Served as Member of the Interview Committee for selection of probationary Officer conducted by IBPS, Mumbai from 15-01-2013 to 24-01-2013 and 19-01-2015 to 27-01-2015.
14.	Appointed as a member of the committee for physical verification of Stock, Systems and other Items in the Department, dated 22-06-2013.
15.	Served as Executive Member of S.V.U Women Teacher's Association, S V University from 2011 to 2013.
16.	Served as a member in Finishing school committee for effective and efficient execution of TEQIP-phase-II scaling up PG Education and Demand Driven, R, D.
17.	Served as screening committee member for RHAPSODY2K13
18.	Served as Convener of the hospitality committee in the Kaka Kausthubham, Inter University Youth Festival hosted by Sri Venkateswara University in association of Indian universities, New Delhi during 18-22 January 2011.
20.	Served as Coordinator and Judge for various Literary and cultural events (Vogue Show) on 8-3-2013 during RHAPSODY2K13 (Intercollegiate Cul-Fest).
<b>Other information</b>	<ol style="list-style-type: none"> <li>1. Served as a Resource Person for AICTE sponsored Seminars, Workshops and Conferences.</li> <li>2. Served as resource person for 2-week refresher course on "Embedded Systems and VLSI" sponsored by AICTE, New Delhi, during the period of 19th June 2006 to 1st July 2006.</li> <li>4. Served as resource person for conducting "VLSI Laboratory during 23rd June 2006 to 1st July 2008.</li> <li>5. Delivered invited talks in engineering colleges.</li> <li>6. Served as Convener for National Level Students' Technical Fest (CynoSurE 2K15).</li> <li>7. Served as Panel member in Debate on "Tappevaridi Sikshaevariki" TV program conducted by Shakshi TV channel to counsel the students regarding EAMCET-2014.</li> </ol>

## Publications in International Journals

1. Smt. M. Humera Khanam, Prof. K. V. Madhumurthy “*Dependency parsing for Telugu*” *International Journal of Engineering Research and Applications (IJERA)*, ISSN: 2248-9622, Vol.1, Issue 4, pp.1751-1754, Nov-Dec 2011, ACM, ISO 3297:2007 Impact Factor 1.69, IC Value:5.09
2. Smt. M. Humera Khanam, P. Viswanath “*Speech Synthesis System for Telugu language Processing.*” *Journal of Innovation in Electronics & Communication*, Volume 2, Issue 2, ISSN:2249-9946, Special issue on Single Processing and Communication techniques, 21<sup>st</sup> January 2012. IETE, Impact Factor 0.672
3. Smt. M. Humera Khanam “*Experiments in Probabilistic Context Free Grammar for Urdu language.*” *International Journal Publications of Problems & application in Engineering, Research-paper.* ISSN: 2230-8547; e-ISSN: 2230-8555, Vol. 04, special issue 01; 2013, <http://ijpapaer.com>, e-Impact of this Journal is 1.3;
4. Smt. M. Humera Khanam, Prof. K. V. Madhumurthy “*Mix Hidden Markov Model Based Part-of-speech Tagging for Urdu in Limited Resources Scenario*”. *International Journal of Advanced Research in Computer Science and Software Engineering*. Volume 3, Issue 8, August 2013 ISSN:2277-128X. Research Paper Available online at: [www.ijarcsse.com](http://www.ijarcsse.com), impact factor 2.08, ISO:900, Scirus, Google Scholar Citation Index
5. Smt. M. Humera Khanam, Prof. K.V.Madhumurthy, Md.A.Khudhus “*Part-of-speech Tagging for Urdu in scarce Resource: Mix Maximum Entropy Modeling System*”. *International Journal of Advanced Research in Computer and Communication Engineering*. Vol 2, Issue 9, September 2013 @ [www.ijarccce.com](http://www.ijarccce.com), ISSN (print): 2319-5940, ISSN (online): 2278-1021. DOI 10.17148, Impact factor 5.332, Google Scholar Citation Index
6. Smt. M. Humera Khanam, Prof. K.V.Madhumurthy “*Part-Of-Speech Tagging Of Urdu in Limited Resources Scenario*” *International Journal on Recent and Innovation Trends in Computing and Communication*, Volume: 2 Issue: 10 ISSN: 2321-8169 IJRITCC | October 2014, Available @ <http://www.ijritcc.org>. Page No: 3280-3285.. Scientific Journal Impact Factor (SJIF) 5.837, DOI: 10.17762 /ijritcc , IC Value : 5.75, Google Scholar Citation Index

7.	Smt. M. Humera Khanam, Ms.V.Bhargavi “ <i>Question Answering System for Election Database in Telugu Language</i> ”. <i>International Journal on Recent and Innovation Trends in Computing and Communication</i> , Volume: 2 Issue: 9 October 2014, available @ <a href="http://www.ijritcc.org">http://www.ijritcc.org</a> , ISSN (print) 2321-8169 Page No: 2903-2907. <i>Scientific Journal Impact Factor: 5.837, DOI: 10.17762, IC Value:5.75, Google Scholar Citation Index</i>
8.	Smt. M. Humera Khanam, Mr.I.Reddy Shekar Reddy “ <i>Rule Based Syntax Analyzer for Telugu Poems</i> ”. <i>International Journal on Recent and Innovation Trends in Computing and Communication</i> , Volume: 2 Issue: 10 October 2014, available @ <a href="http://www.ijritcc.org">http://www.ijritcc.org</a> , ISSN (print) 2321-8169 Page No: 2973-2978. <i>Scientific Journal Impact Factor (SJIF) 5.837, DOI: 10.17762 /ijritcc, THOMSON REUTERS</i>
9.	Smt. M. Humera Khanam, Ms. V.Bhargavi “ <i>Natural Language Interface to Database</i> ” <i>International Journal of Current Engineering and Technology</i> ” Vol.5, Issue.3 June 2015, E-ISSN 2277 – 4106, P-ISSN 2347 – 5161 ©2015 INPRESSCO®, Available @ <a href="http://inpressco.com/category/ijcet">http://inpressco.com/category/ijcet</a> , Global impact factor 5.126, DOI:10.1474, ISO : 3297:2007, <i>Google Scholar Citation Index</i>
10.	Smt. M. Humera Khanam P. Surya Chandra & Ravi Bolleddula “ <i>Statistical models for POS Tagging in Telugu</i> ” <i>International Journal of Science and Innovative Mathematical Research</i> , ISSN 2347-307X (Print), ISSN 2347-3142 (online) volume-3, Special issue-1, page no.84-88, July 2015 available @ <a href="http://www.arcjournals.org">www.arcjournals.org</a> , <i>Scientific Journal Impact Factor (SJIF) 4.433, DOI Prefix 10.20431, ISO 9001:2008, Google Scholar Citation Index</i>
11	Smt. M .Humera Khanam N. Purandhar “ <i>A Model To Improve The Performance Of Condor Through Cache Memory In Grid Environment</i> ” , <i>International Journal of New Technologies in Science and Engineering</i> Vol. 2, Issue 2, Aug 2015, ISSN 2349-0780 page no.267-274, available @ <a href="http://www.ijntse.com">www.ijntse.com</a> , <i>Technical impact factor 6.01, Google Scholar Citation Index</i>
12	Thejesh Baalineni <sup>1</sup> , Dr. M. Humera Khanam “ <i>NLP Based Question-Answering System for Medical Information in Telugu Language</i> ” <i>International Journal of Computational Science, Mathematics and Engineering IJCSME-Volume-2-Issue-12-December-2015</i>

	<i>E-ISSN-2349-8439 DOI: 10.18645/IJCSME.212.003, impact factor 5.146, Google Scholar Citation Index</i>
<b>13</b>	Dr. M. Humera Khanam Miss. P. Sindhu Sree “ <i>Named Entity Recognizer for Telugu language using Hybrid approach</i> ” <i>International Journal on Recent and Innovation Trends in Computing and Communication</i> ISSN: 2321-8169 page no. 132 – 139 January 2016, Available @ <a href="http://www.ijritcc.org">http://www.ijritcc.org</a> , Scientific Journal Impact Factor (SJIF) 5.837, DOI: 10.17762 /ijritcc, THOMSON REUTERS
<b>14</b>	B. Revathi, Dr. M. Humera Khanam “ <i>Hindi To English Part Of Speech Tagger By Using CRF Method</i> ” <i>North Asian International Research Journal of Sciences, Engineering &amp; I.T.</i> ISSN: 2454 - 7514 Vol. 2, Issue 1 January 2016 page no.2-10 available at <a href="http://www.nairjc.com">www.nairjc.com</a> , IBI-Impact Factor-2.88
<b>15</b>	A. Ragini, Dr. M. Humera Khanam “ <i>Machine Translation System for English to Telugu Language: A Rule Based Complex Sentence Simplification</i> ” <i>North Asian International Research Journal of Sciences, Engineering &amp; I.T.</i> ISSN: 2454 - 7514 Vol. 2, Issue 2 February 2016, available @ <a href="http://www.nairjc.com">www.nairjc.com</a> , IBI-Impact Factor-2.88
<b>Publications in International Conference</b>	
<b>1.</b>	Smt. M. Humera Khanam, B. Subramanyam “ <i>Synatactic – category wise mining version Histories to guide software changes</i> ”. <i>Proceedings of the International Conference on Systemic, Cybernetics and Informatics (ICSCI-2009)</i> . January 07-10, 2009.
<b>2.</b>	Smt. M. Humera Khanam, Prof K. V. Madhumurthy “ <i>Statistical Approach (HMM) – POS tagger for Urdu</i> ”. <i>Proceedings of the International Conference on Advances in Mathematical &amp; Computational Methods (AMCM-2011)</i> , (full length paper) volume-II, P-80, January 5-7, 2011.
<b>3.</b>	Smt. M. Humera Khanam, Prof K.V.Madhumurthy “ <i>Experiments on POS Tagging and data driven dependency parsing for Telugu Language</i> ”. <i>Proceedings of the International Conference on Advances in Computing, Communications and Informatics (ICACCI'12)</i> , (full length paper) Publisher: ACM Aug 3-5, 2012.



4.	Md. A. Khudhus, P. Suryachandra, Smt. M. Humera Khanam, “ <i>Comparison of POS Tagging approaches for Telugu Language</i> ”. <i>Proceedings of the Second International Conference on Science and Innovative Engineering ICSIE 2013, Vol 01, Pg.101, ISBN 978-81-923607-7-5, 6th April 2013.</i>
5.	Smt. M. Humera Khanam, P. Surya Chandra “ <i>Statistical model for POS Tagging in Telugu</i> ”. <i>Proceedings of International Conference on Mathematical Sciences ICMS-2015, Pg.30, 13-15 July, 2015.</i>
6.	Dr. M. Humera Khanam “ <i>Part-of-speech Tagging of Urdu using Hidden Markov Model, Maximum Entropy Model and Conditional Random Fields in Limited Resources Scenario</i> ” <i>Proceedings of International Conference on Artificial Intelligence, Robotics and Embedded Systems AIRES 2015, 15-17 Oct 2015.</i>

### **Publications in National Conference**

1.	Smt. M. Humera Khanam presented a paper entitled “ <i>Speech synthesis system for Telugu Language using syllable based approach</i> ”. <i>In a UGC sponsored National conference on multimedia signal processing, 16th&amp;17th February, 2011. Organized by the Department of Computer Science and Engineering, Annamalai University, Tamil Nadu. Paper published in conference proceeding vol 1, pg 182, (Full length Paper).</i>
2.	Smt. M. Humera Khanam presented a paper entitled “ <i>Experiments in Telugu Language Dependency parsing</i> ”. <i>In a National Conference on Challenges and Issues in Computing Technology (NCCICT-2011), 12-13 August, 2011. Organized by the School of Information and Computing Technology, Dr.RR &amp; Dr. SR Technical University, Chennai, Tamil Nadu. A Paper published in conference proceeding pp 204-207, (Full length Paper).</i>
3.	Smt. M. Humera Khanam presented a paper entitled “ <i>Dependency parsing for Telugu</i> ”. <i>In a National Conference on recent trends and advances in the field of Information Technology (NCIT2011) 6th September, 2011. Organized by the Department of Information Technology, Karpagan University, Coimbatore. A Paper published in conference proceeding pg. 73.</i>



4.	Smt. M. Humera Khanam presented a paper entitled “Comparisons of Max. EnT, TnT and Brill’s POS Tagging approaches for Telugu Language”. In a three days of National conference on Information Technology and its applications (NITA-2K11), 25-27 November, 2011. Organized by the Department of Computer Science, Sri Venkateswara University, Tirupati. Paper published in conference proceeding pg. 48.
5.	Smt. M. Humera Khanam presented a paper entitled “Developing Speech Recognition system using Sphnix-4”. In a three days of National conference on Information Technology and its applications (NITA-2K11), 25-27 November, 2011.Organized by the Department of Computer Science, Sri Venkateswara University, Tirupati. A Paper published in conference proceeding pg. 31
6.	Smt. M. Humera Khanam, P.Viswananth presented a paper entitled “Speech Synthesis system for Telugu Language processing”. In a National Conference on Emerging trends in communication and signal processing techniques-SANKET-2012, 21st January, 2012. Organized by the department of ECE, SVU College of Engineering, S V University & IETE-Tirupati Centre. A Paper published in conference proceeding pg. 213, (Full length).
7.	Smt. M. Humera Khanam, presented a paper entitled “Experiments in Probabilistic Contex Free Grammar for Urdu Language.” In a two day National conference on Computer Science, Engineering and applications (CSEA-2012), 9th&10th, November 2012. Organized by the department of Computer Science, Sri Padmavati Mahila Visvavidyalayam (Women’s University), Tirupati. A Paper published in conference proceeding pg. 6.
8.	Smt. M. Humera Khanam, presented a paper entitled “Probabilistic and statistical view of computation Lingustic”. A Three days XXI congress and National conference on applications of Mathematics in Engineering, Physics and Life science,7-9 December 2012. Organized by the Department of Mathematics, Sri Venkateswara University, Tirupati. A Paper published in conference proceeding pg. 84.
9.	Smt. M. Humera Khanam, presented a paper entitled “Adaption of Malt parser of Telugu Language”. A Three days XXI congress and National conference on applications of Mathematics in Engineering, Physics and Life science,7-9 December

	<i>2012. Organized by the Department of Mathematics, Sri Venkateswara University, Tirupati. A Paper published in conference proceeding pg. 93</i>
<b>10</b>	Smt. M. Humera Khanam participated in Indo-American Education Summit & expo 2013 on February 2&3,2013-Marigold by Green park, Hyderabad,India.
<b>11</b>	Smt. M. Humera Khanam, presented a paper entitled “ <i>Speech synthesis system for Urdu Language processing</i> ”. In a two day National Conference on “ <i>Advanced Computing applications</i> ”, 20-21 February 2013. Organized by the Department of Computer Science, Sri Venkateswara University, Tirupati. Paper published in conference proceeding pg. 42.
<b>12</b>	Smt. M. Humera Khanam, presented a paper entitled “ <i>Comparisons of TnT, Max. EnT, CRF taggers for Urdu Language</i> ”. In a two day National Conference on “ <i>Advances in Computational Intelligence and Computer Engineering (ACICE)</i> ” 23rd&24th October, 2013. Organized by the department of Computer Science, Sri Padmavati Mahila Visvavidyalayam (Women’s University), Tirupati. A Paper published in conference proceeding page No 5.

### **Participated in a Two Week Workshops**

<b>1.</b>	Smt. M. Humera Khanam, participated in a two-week ISTE WORKSHOP on “ <i>Basic Electronics</i> ” conducted by Indian Institute of Technology, Bombay from 28th June to 8th July, 2011. This workshop was held under the National Mission on Education through ICT (MHRD).
<b>2.</b>	Smt. M.Humera Khanam, participated in a two-week ISTE workshop on “ <i>Introduction to Research Methodologies</i> ” Conducted by Indian Institute of Technology, Bombay from 25th June to 04 July, 2012. This workshop was held under the National Mission on Education through ICT (MHRD).
<b>3.</b>	Smt. M. Humera Khanam, participated in a two week ISTE workshop on “ <i>Database Management System</i> ”. Conducted by Indian Institute of Technology, Bombay from 21st to 31st May, 2013. This workshop was held under the National Mission on Education through ICT (MHRD).

4.	Smt. M. Humera Khanam, participated in a two week ISTE workshop on “ <i>Computer Programming</i> ”. Conducted by Indian Institute of Technology, Bombay from May 20th ,2014 to 21st June, 2014 (one week of equivalent work completed online from 20th May to 15th June and physical participation at the remote center from 16th-21st June).This workshop was held under the National Mission on Education through ICT (MHRD).
5.	Smt. M. Humera Khanam, participated in a two week ISTE workshop on “ <i>Introduction to design of algorithms</i> ” Conducted by Indian Institute of Technology, Kharagpur from 25-30 May, 2015 (one week of equivalent work completed online) This workshop was held under the National Mission on Education through ICT (MHRD).

### **Participated in One Week Workshops**

1.	Smt. M. Humera Khanam participated in a one week WORKSHOP on “ <i>Capacity Building of Women Managers in Higher Education</i> ” Sensitivity/Awareness/Motivational Workshop organized by Department of Political Science&public administration, S V University, Tirupati on 9-13th August 2010.
2.	Smt. M. Humera Khanam, participated in a one-week University Grants Commission Sponsored “ <i>TRAINING OF THE TRAINERS WORKSHOP</i> ” on capacity Building of Women Managers in Higher Education, Organized by Center for Extension Studies & Center for Women’s Studies, Sri Venkateswara University, Tirupati from 19-24 January 2012.

### **Attended Training Programs/Short Term Courses.**

1.	Smt. M. Humera Khanam has attended 5th National Statistic Day cum Summer Training program on “ <i>Optimization &amp; Business analytics</i> ”. Sponsored by Department of Science and Technology, Govt. Of India, New Delhi, Organized by Dept. of Statistics S.V. University, Tirupati. 29th June to 3th July, 2011.
2.	Smt. M. Humera Khanam has participated in AICTE recognized (TEQIP-II Sponsored) one week Short Term course on <i>PEDAGOGICAL TRAINING (MODULE-I)</i> Conducted by Education and Education Management Department from 25-11-2013 to 29-11-2013 at NITTTR, Chandigarh.

3.	Smt.M.Humera Khanam has participated in two-week Faculty Development Program (FDP) on <i>“Foundation skill in Information Technology (FSIT)”</i> organized by the Sri Venkateswara University College of Engineering, Tirupati, under TEQIP-II during 20-30, January 2014. (Exclusive of Sunday)
4.	Smt. M. Humera Khanam has successfully completed 21 Days Winter Training Programme in <i>“Geospatial Technologies and Applications under Natural Resources Data Management Systems(NRDMS)”</i> Programme in DST, Government of India, conducted by Sri Padmavathi Mahila Viswa Vidyalayam (Women’s Univerity), Tirupati from 5th February, 2014 to 25th February, 2014.

### **Participated in Faculty Development Programs**

1.	Smt. M. Humera Khanam has participated in the Faculty Development Program on <i>“Student outcomes- Based Engineering Education for Enhanced employability”</i> . Under TEQIP Phase-II, S. V. University, Tirupati,. 5th January 2013.
2.	Smt. M. Humera Khanam has participated in the Faculty Development Program on <i>“Developing Employability Skills among Students- Industry Perspective ”</i> organized by S.V.U college of Engineering, Tirupati and Tata Consultancy Services Ltd., Hyderabad on 27-07-2013 under TEQIP-II 1.2
3.	Smt. M. Humera Khanam has participated in the two-week Faculty Development Program (FDP) on <i>“Foundation skill in Information Technology (FSIT)”</i> organized by the Sri Venkateswara University College of Engineering, Tirupati, under TEQIP-II during 20-30, January 2014.
4.	Smt. M.Humera Khanam has participated in the Faculty Development Program on <i>“Intellectual Property Rights”</i> held at the Sri Venkateswara University College of Engineering, Tirupati, A. P, on 8-Jul-2014.
5.	Smt. M.Humera Khanam has participated in the Faculty Development Program under TEQIP-II on <i>“Achieving Academic Excellence”</i> held at Indian Institute of Management, Raipur, M . P. on 07-12 September 2015.

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## Acted as a Resource person

1. Smt. M. Humera Khanam acted as a resource person for a Two-Week refresher course on *“Embedded Systems and VLSI”* sponsored by AICTE, New Delhi, conducted during 19 Jun 2006-1 July 2006. She acted as a resource person for conducting *“VLSI Laboratory”* for a period of one week.
2. Smt. M. Humera Khanam delivered the keynote address on *“Trends in Artificial Intelligence”*. The 3rd National Level Technical paper presentation TECHMEET-2K8, at Chadalawada Ramanamma Engineering College, on 8th March 2008.
3. Smt. M. Humera Khanam attended AKANKSHA-2K12 and acted as Judge for the National Level Working Model Contest AKANKSHA-2K12, at the Chadalawada Ramanamma Engineering College on 6th October 2012.
4. Smt. M. Humera Khanam acted as a key resource person in two days *“National Conference on Computer Science Engineering and Applications”*, held at Dept. of Computer Science, Sri Padmavathi Mahila Visvavidyalayam on 9&10 November, 2012.
5. Smt. M. Humera Khanam Presented a keynote address on *“Artificial Intelligence”* as a chief guest for a National level techno Fest SAVOIRS-2K13, in Sree Rama engineering College, also acted as judge for paper presentation and poster presentation on 16th March 2013.
6. Smt. M. Humera Khanam attended and acted as a resource person, delivered a plenary speech on *“Computational Linguistics”* and also chaired one session for UGC Sponsored National Conference on Advances in Computational Intelligence and Computer Engineering (ACICE-2-13) on 23rd & 24th October 2013, organized by the Department of Computer Science Sri Padmavathi Mahila Visvavidyalayam, Tirupati.
7. Smt. M. Humera Khanam visited UGC-ASC, Sri Venkateswara University, Tirupati as a Resource Person and delivered the lecture on *“Computational Linguistics”* to the teacher participants during 13 refresher course in information technology on 8th March 2014.
8. Smt. M. Humera Khanam visited SPMVV college of Engineering as guest faculty to deliver a talk on *Natural Language Processing* for M. Tech students on 13-11-2013

### **Conducted National workshops**

1. Conducted National Workshop on “*Research Methodology*”. Under TEQIP Phase-II, S.V. University, Tirupati. 29-30 September 2012.
2. Convener of the Hospitality Committee for *Kala Kausthubhum Inter University National Youth Festival* hosted by S V University in association of India university of youth affairs and sports. 18-22 January 2011.
3. Conducted National Level Students’ *Technical Festival CynoSurE 2k15* on 9th&10th April 2015
4. Conducted one day National Workshop on “*Strategic planning of Educational Institutes (SPEI-2014)*” on 17th November, 2014 under TEQIP-II organized by Sri Venkateswara University, Tirupati.
5. Conducted one day National workshop on “*Curriculum Design & Development For Post Graduate Programs*” on 30th November, 2014 under TEQIP-II organized by Department of Computer Science and Engineering, SVUniversity, Tirupati.

### **Received National award**

1. Received “*National award for teaching Excellence*”. The award was presented in the *Computer Science and Engineering* category at the *Indo-American Education Summit and Expo 2013*. On February 3, 2013 at marigold by green park, Hyderabad, India.

### **Attended in One \ Two day Workshops**

1. Smt. M. Humera Khanam has participated in National workshop on “*Geostatistics & soft computing techniques for spatial data management*”. Organized by the department of statistics, S V University, Tirupati, Indian Society for probability and statistics (ISPS) Sponsored by Department of Science & Technology, Govt. Of India on 22-24 November, 2010.
2. Smt. M. Humera Khanam has participated in a one day workshop on “*Cloud computing*”. Organized by the UGC-SVU Center for MST RADAR Applications, Department of Physics, S V University, Tirupati, 8th November, 2011.



3.	Smt. M. Humera Khanam has participated in a two-day ISTE workshop on <i>“Writing effective conference papers”</i> . Conducted by IIT-Bombay 18th&19th Feb, 2012.
4.	Smt. M. Humera Khanam has participated in a two-day National workshop on <i>“Applications on Remote sensing and Geographical Information System”</i> . (NWRSGIS-2012) Sponsored by Department of Science and Technology, Govt. Of India, New Delhi, organized by Dept. of Geography, S.V. University, Tirupati. February 20-04, 2012.
5.	Smt. M. Humera Khanam has participated in a one-day workshop <i>“Satellite navigation and atmospheric science”</i> . Organized by Dept. of Physics, S.V. University, Tirupathi. 30th March, 2012.
6.	Smt. M.Humera Khanam has participated, participated in a two-day ISTE workshop on <i>“Aakash for education”</i> . Conducted by IIT-Bombay on 10th & 11th November, 2012.
7.	Smt. M. Humera Khanam has participated in a two-day national workshop on <i>“Research Methodology”</i> . Under TEQIP-II, Organized by the Department of Computer Science and Engineering, S.V. University, Tirupati. 29-30 September 2012.
8.	Smt. M. Humera Khanam has participated in a two day national workshop on <i>“Advances in Signal Processing (NWASP-2k13)”</i> . Under TEQIP-II, Organized by the Department of ECE, S.V. University, Tirupati. 5th & 6th July 2013.
9.	Smt. M. Humera Khanam has participated in the workshop on <i>“Quality Initiatives in Technical &amp; Higher Educational Institutions”</i> (in compliance with NBA & NAAC Accreditation) organized by the Engineering Staff College of India, Hyderabad. 08-10 October 2014.
10.	Smt. M. Humera Khanam has participated in a two day national workshop on <i>“Initiatives for Quality Improvement in Engineering Education”</i> . Under TEQIP-II, organized by SVU College of Engineering University, SVU Tirupati. During 15th -16th November 2014.



## Attended National Seminars

1. Smt. M. Humera Khanam has attended One day National seminar on “*Urban Transportation-issues and solution*”. Organized by the Institute of Engineers (India), Tirupati local Center & Department of Civil Engineering, S.V. University, Tirupati. 30th January 2010.
2. Smt. M. Humera Khanam has attended a two day National Urdu Seminar on “*Urban novel ke pachas saal: 1960-2010*”. Sponsored by the National Council for promotion of Urdu language, Ministry of Human Resources development, Govt.of India, New Delhi, organized by Department of Urdu, S.V. University, Tirupati. 30th & 31st January 2013.
3. Smt. M. Humera Khanam has attended a two day National Urdu Seminar on “*Childrens’ Literature in Urdu: Problems and Prospects*”. Sponsored by the National Council for promotion of Urdu language, Ministry of Human Resources development, Govt. of India and UGC, New Delhi, organized by the Department of Urdu, S.V. University, Tirupati. 18th & 19th March 2015.

## LIST OF M.TECH PROJECTS GUIDED.

S.NO	Name of the student & Roll. No	Title of the project	Year of award
1.	Mr. B. Subramanyam 110660	“Synatactic – category wise mining version Histories to guide software changes”	2009
2.	Mr.P.Viswanath 1108615	“Speech synthesis system for Telugu Language using syllable based approach”	2011
3.	Mr.P.Surya Chandra	“Experiments on POS Tagging and data driven dependency parsing for Telugu Language”.	2012
4.	Mr.G.LakshmiKanth 1107603	“Telugu to English phrase based statistical machine translation system”	2013
5.	Ms.G.Geervani Krishna (1108606)	“Discovery of periodic patterns in spatiotemporal sequences”	2013
6.	Mr.Y.Yethish 1110609	“Adaption of Malt parser of Telugu Language”.	2013
7.	Mr.K.Prasanth	“Lexical analysis of source language for	2014

	1111606	domain specific machine translation”	
8.	Mr.I.Reddy sekhar reddy	“Rule Based Syntax Analyzer for Telugu Poems”	2015
9.	Ms.V.Bhargavi	“Question Answering System for Election Database in Telugu Language”.	2015
10.	Mr. N.Purandhar 1106608	Improving the performance of Condor for Dag-Based Tasks Through Cache Memory in Grid Environments”	2016
11.	Mr .B.Thejesh 1113606	“NLP Based Question-Answering System for Medical Information in Telugu Language”.	2016
12.	Ms.A.Ragini 1113609	“Machine Translation System for English to Telugu Language: A Rule based Complex sentence simplification”.	2016
13.	Ms.P.Sindhu Sree 1113610	“Named Entity Recognizer for Telugu Using Hybrid Approach”.	2016
14.	Ms.B.Revati 1113618	“Hindi to English Part of Speech Tagger by using condition Random Field Method”.	2016
15.	Ms.Uday sri	Under progress	
16.	Ms.Sravani	Under progress	
17.	Mr.Venkata SubbaReddy	Under progress	
18.			

**Signature**

(Dr. M. Humera Khanam)