

BIO-DATA

1.Name and full correspondence address : **Dr.D.Vasumathi**

Professor of CSE

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3.Institution : JNTUH college of Engg, J.N.T.University, Hyderabad

4.Academic Qualification (Undergraduate Onwards)

S.No	Degree	Year	Subject	University/Institution
1.	B.Tech	1999	CSE	JNTUH college of Engineering.
2.	M.Tech	2005	CS	JNTUH college of Engineering.
3.	Ph.D	2011	CSE	JNT University Hyderabad (JNTUH)

5.Total Work experience (in chronological order).

S.No.	Positions Held	Name of the Institute	From	To
1.	Professor	JNTUH college of Engineering.	01-01-2013	Till date
2.	Associate Professor	JNTUH college of Engineering.	07-11-2006	31-12-2012
3.	Assistant Professor	JNTUH college of Engineering.	01-11-2000	06-11-2006
4.	Vice-President	National ST Employees and Officers Welfare Association (NST & OWA)	01-08-2016	Till date
5.	Additional Controller of Examinations	JNTUH	August 2010	October 2013
6.	Officer In charge of Examinations (OIE)	JNTU college of Engg.	November 2007	December 2009
7.	Deputy Warden for Ladies Hostel	JNTU college of Engg.	04-08-2003	19-07-2007
8.	General Secretary for Teaching Association (NECTA)	JNTUH college of Engineering.	Jan 2015	Till date
9.	President for Women Association	JNTUH	2013	Till date
10.	Finance Secretary for both TS & AP States Tribal Development Association	TDA, Hyderabad	January 2015	Till date

MEMBERSHIP OF PROFESSIONAL BODIES

- Life Member: Indian Society for Technical Education (LMISTE)

VISITS TO FOREIGN COUNTRIES

Presented:

- Presented a paper “Data Mining Approach to Filter Click-spam in Mobile Ad networks” in international conference on Computer Science ,Data Mining and Mechanical Engineering (ICCDMME-2015) April 20-21st 2015,Bangkok(Thailand),ISBN No:978-93-84422-16-5(Best Paper Award).
- Presented a paper “Applying UML Modeling Techniques for Architecture View of Electronic Commerce System” in 6th International Conference on Software and Computing Technology (ICSCT 2015), Dubai, UAE, October 17 to 18, 2015.

RESEARCH GUIDANCE

- Guiding 09 Ph.D Students in Computer Science & Engineering
- Guided more than 75 Post Graduate Projects (M.Tech/MCA)
- Guided more than 130 Graduate Projects (B.Tech)

AWARDED PH.D DEGREE

- One Scholar awarded in 2016 in Computer Science & Engineering
- Two Scholars submitted Ph.D and awaiting Viva-Voce

PUBLICATIONS

- Total number of publications : 16
- Papers published in International Journals : 11
- Papers presented in International Conference : 05

INTERNATIONAL JOURNALS

- Lokanadham Naidu,Rama Prasad V.Vaddella ,Vasumathi Devara, ”Robust hash generation technique for content-based image Authentication using histogram”, International Research Journal of Multimedia Tools and Applications, Volume:74, ISSN:1380-7501.May 2015
- Dr. D. Veeraiah. Dr. D. Vasumathi., “A Novel Approach for Mining cluster Data bases Using Fuzzy Link Analysis “,(IJAER),International Journal of Applied Engineering Research, Vol. No.10, Issue No.07, pp.18283-18298, Nov 2015.(Scopus Indexed)

- Dr. D. Veeraiah. Dr. D. Vasumathi., “ Adaptive Link Based Cluster Ensemble Process for Cluster Relational”,(IJAER), International Journal of Applied Engineering Research, Vol. No.10, Issue No.07, pp.18299-18312,ISSN:0973-4562,Nov 2015.(Scopus Indexed)
- Dr. D. Veeraiah. Dr. D. Vasumathi.,” Efficient Text Retrieval over cluster Data bases using Mapping Cardinalities”,(IJDWM), International Journal of Data Warehousing and mining, Vol.No.5, Issue No.02, pp.19-24,ISSN:2249-7161,June 2015.(IF:2.456)
- P. Rajarajeswari, D. Vasumathi, A.RamamohanReddy”, Design Analysis of software architecture methods”, International Journal of Computer Science and Engineering Technologies (IJCSIET).Vol.No.1, Issue No.4.
- M. Sree vani, R.Bhramaramba, D.Vasumathi, O.Yaswanth Babu “Classifying Web Spam Using Block-based Trust Rank “International Journal of Current Engineering and Technology (IJCET) Vol.2, No.4 (Dec. 2012), IF:2.552.
- M. Sree vani, R.Bhramaramba, D.Vasumathi, O.Yaswanth Babu,” A Survey on link based algorithms for web spam detection “, International Journal of Current Engineering and Technology (IJCET) Vol.3, No.2 (June. 2013), IF:2.552.
- Ramesh , D.Vasumathi “ Identity-based Cryptosystem based on tate pairing”, Global Journal of Computer Science and Technology Vol.16-E Issue 5, pp:25-29, August’2016
- T.Bhaskar, D.Vasumathi, Near Reversible Data Hiding Scheme Using the HVS Characteristics, International Journal of Latest Trend Engineering and Technology (IJLTET), Volume 6, Issue 2, November 2015

INTERNATIONAL CONFERENCES

- RamNaresh D.Vasumathi “Unemployment analysis through social media”, IEEE 6th International conference on Advanced Computing, August 2016
- P. Rajarajeswari, D. Vasumathi, A.RamamohanReddy, “Analysis of Wallac Case Study Based on Uml, B Method and Formal Specification of Safety Analysis”, 978-1-4673-0125-1@ 2011 IEEE Conference.
- Ramesh, D.Vasumathi, “Evaluation of Key management scheme based on Identity”, IEEE 6th International conference on Advanced Computing, 545-550, August 2016.
- T. Bhaskar, D.Vasumathi, “A Reversible Data Embedding Scheme for MPEG-4 Video using Non-zero AC Coefficients of DCT” in 2013 IEEE International Conference on Computational Intelligence and Computing Research, December 2013.

- G. Surya Narayana, D. Vasumathi, “A new Stratified Immune based approach for Clustering High Dimensional Categorical Data”, in 2nd International Conference on Emerging Trends in Electrical, Communication and IT' and proceedings of ICECIT-2015.
- B V Devendra, D Vasumathi, “Exploiting Common Nodes in Overlapped Clusters for Path Optimization in Wireless Sensor Networks”, in the Second International Conference on Computer and Communication Technologies, IC3T 2015, Volume 3.

PAPERS COMMUNICATED:

- “Relative Dimensionality of Feature Selection Based on Collective Behavior in Relational Data Bases”, submitted to JIPS, ISSN: 1976-913X. (Free & Scopus indexed Journal).
- “Feature Sub Selection Over High Dimensional Data Based on Classification Models”, submitted to JIPS, ISSN: 1976-913X. (Free & Scopus indexed Journal).

TECHNICAL CHAIRS

- Member of Boards of Studies, JNTUH and Students’ Advisor And Technical Session Chair for *ILLUMINATE*-2015, at St. Mary’s Group Hyderabad
- Member of several Advisory Boards & Academic Boards and Technical Program Committee Member for several International and National Conferences.
- Subject Expert Member ANVESHAN, South Zone (South India) Student Research Convention, in collaboration with Association of Indian Universities (AIU), New Delhi, 2-4 April, 2008, Hyderabad.
- 15 years of Teaching and Research experience.

WORKSHOPS ORGANIZED:

- Coordinator for the Three Week Refresher Course on “Cloudera-Big Data and Data Analytics” at UGC_ASC, JNTU, Kukatpally, Hyderabad from December 2014.
- Coordinator for the Three Week Refresher Course on “Data Mining and Data Warehousing Techniques “ at UGC_ASC, JNTU, Kukatpally, Hyderabad from February 11th March 1st 2008
- Coordinator for the One day Work Shop on “Soft Skills “to the Community Service Under TEQIP at JNTU College of Engineering, Kukatpally, Hyderabad from March 19th 2009

- Coordinator for the Two day Work Shop on “Awareness of Computers and its Applications to the Society “to the Community Service Under TEQIP at JNTU College of Engineering, Kukatpally, Hyderabad from March 23rd & 24th 2009
- Coordinator for the One day Work Shop on “Advanced Web Technologies” to the Community Service Under TEQIP at JNTU College of Engineering, Kukatpally, Hyderabad from March 25th 2009
- Coordinator for the One day Work Shop on “Emerging Trends in Data warehousing & Mining” to the Community Service under TEQIP at JNTU College of Engineering, Kukatpally, Hyderabad from March 26th 2009.

STUDENT ACTIVITIES

- Coordinator for National level Technical Symposium “QUEST 08” at JNTU College of Engineering, Kukatpally, Hyderabad on 5th March 2008
- Co-Coordinator for College Annual day (Spandana) ,JNTU College of Engineering, Kukatpally, Hyderabad 2008
- Coordinator for National level Technical Symposium “QUEST 07” at JNTU College of Engineering, Kukatpally, Hyderabad on 1st March 2007
- Co-Coordinator for College Annual day (Spandana), JNTU College of Engineering, Kukatpally, Hyderabad 2007.

WORKSHOPS/ CONFERENCE ATTENDED

- Four Week Orientation course on “Value Education” at UGC-ASC, JNTU-Hyderabad from 2-03-2009 to 30-03-2009.
- A Two Day Workshop on “E-Swecha” at JNTU College of Engineering from 30-31 January 2008
- One Day National Seminar “Data Warehousing and Web Technologies through J2EE” Gokula Krishna College of Engineering on 4-10-2008
- Two Day National Seminar “Data Mining and its Applications” Gudala Valleru Engineering college 20-21 January 2008
- A National Conference on “Crime Patterns Detection using Data Mining” RESPOGRAPH-2008 at Aurora Engineering College , Hyderabad, 18-19 April 2008.
- A National Conference on “Using and Learning Semantics in Frequent Sub Graph Mining” at CSI College of Engineering Nilligiri, OOTY from February 2009

- Faculty Development Programming, Accenture under the aegis of Nasscom It work force Development 17-18 October 2007.
- Special Training Program(STP) and Faculty Enablement Program (FEP),Infosys Technologies Ltd ,Institute for Electronic E-goverance,JNTU,Rajiv Udogasri from 8-13 October 2007.
- Four Week Orientation Course on “Value Education” at UGC-ASC, JNTU-Hyderabad from 03-12-2003 to 30-12-2003.
- Three Week Orientation Course on “Mobile Computing”at UGC-ASC, JNTU-Hyderabad from 08-11-2004 to30-12-2003.
- Three Week Refreseher Course on “Advanced Unix &C” at UGC-ASC,JNTU-Hyderabad from 7-4-2003 to 25-4-2003
- Three Week Refresher Course on “VLSI Design” at UGC-ASC,JNTU-Hyderabad from 13-11-2002 to 13-12-2002
- Short term Course on “E-Goverance” AICTE/ISTE, JNTU College of Engineering, Kukatpally, Hyderabad from 30-4-2001 to 12-5-2001.