Vijayalata Yellasiri

Areas of Interest: Pattern Recognition

Education
- Ph.D., JNTU, Hyderabad
- M.Tech., BITS Mesra, Ranchi

Academic/Industrial Experience
1. Professor and Head, Department of Information Technology, GRIET, 2013-Till Date
2. Professor, Department of CSE, GRIET, 2007-2013
3. Associate Professor, Department of CSIT, CIT, 2005-2007

Consultancy
   Advisor, RoboFest from 2014 – Till Date

Publications

1. Y. Vijayalata, A. Govardhan, "Interactive Content-Based Image Retrieval System", International Conference on Geoinformatics (ICORG – 2006) PID: 608. (www.icorg.org)
2. Y. Vijayalata, A. Govardhan, "Recognition of Human Face by PCA using Scilab", Indian Conference on Computer Vision, Graphics, Images and Video Processing (ICCVGIVP–2009) in association with IEEE PID: 188. (www.iccvgivp2009.com)
3. Y. Vijayalata, T.C.K.Bharadwaj, H. Ram Mohan Rao, A. Govardhan, L.P. Reddy, "Facial Recognition Using Eigenfaces by PCA", International Journal of Recent Trends in Engineering, Vol. 1, No. 1, May 2009, ACEEE, pp. 587-590. Paper presented at International Joint Journal Conference in Engineering – 2009 (IJJCE-2009) ISSN: 1797-9617 and published in IJRTE. (www.ijjce.com)
4. Y. Vijayalata, A. Govardhan, "Impact of Image Resizing Factor in Face Recognition System Using PCA", Journal of Global Research in Computer Science (JGRCS) Vol. 2, No. 4, April 2011, ISSN: 2229-371X (www.jgrcs.info), pp. 161 – 166.
5. Y. Vijayalata, A. Govardhan, "Query Based Face Retrieval from Automatic Reconstructed Images Based on 3D Frontal View – Using EICA", Global Journal of Computer Science and Technology (GJCST) Vol. 11, Issue 8 Version 1.0, May 2011, ISSN: 0975–4172 & Print ISSN: 0975–4350, (www.globaljournals.org), pp. 26 – 32.
6. Ashlin DeepaRN, R.Rajeswara Rao, Y.Vijayalata, "A Multiset Approach for Recognition of Handwritten Characters using –PUZZLE PIECES", CS & IT-CSCP 2012 , DOI : 10.5121/csit.2012.2309,   pp. 79 - 87.
7. Sk Althaf Hussain Basha, Y.R.Ramesh Kumar, Y.Vijayalata, Karthik Narla, "Predicting Student Academic Performance Using Temporal Association Mining –A Case Study on Educational Data", IEEE International Conference on Engineering for Humanity(ICEH-2013), August 2013, pp. 21 - 27.
8. Sk Althaf Hussain Basha, Y.Vijayalata, V Anand,   Donapati Srikanth, "Study of Education Patterns using Rare Association Mining-A Case Study on Educational Data", IEEE International Conference on Engineering for Humanity(ICEH-2013), August 2013, pp. 53 - 61.
9. Anuradha.R, Dr. Y. Vijayalata, "A Distributed Storage Integrity Auditing for Secure Cloud Storage Services", International Journal of Advanced Research in   Computer Science and Software Engineering(www.ijarcsse.com), Volume 3, Issue 8, August 2013,   ISSN: 2277 128X, pp. 1138 – 1143.
10. Ashlin Deepa RN, R.Rajeswara Rao, Y.Vijayalata, "Overview of Pattern Recognition Algorithms" National Conference on Emerging Trends of Computing Technologies, March 2013, at GRIET,   pp. 84 - 92.
11. Mounika D, Sk Althaf Hussain Basha, Y.R.Ramesh Kumar, Y.Vijayalata, A. Govardhan, "Study of Education Patterns using Rare Association Mining", National Conference on Emerging Trends of Computing Technologies, March 2013, at GRIET, pp. 93 - 103.
12. B. Narendra Babu, Y. VijayaLata, "An Advanced Approaches for 3d Face Recognition",   IJRECS @ June – July 2014, V-1, I-3, ISSN-2321-5484 (Online).

13. K. Vinod, Y. VijayaLata, "A Better and Secure Cloud Storage for Public Auditing Using HLA", IJRECS @ May – June 2014, V-1, I-2, ISSN-2321-5484 (Online).
14. Vinit Kumar Gunjan, Y.Vijayalata, "Detecting Network Intrusion Using BPA & RBF Neural Network Algorithms", July 2015
15. Kalpana Ettikyala, Dr. Y Vijayalata, "VM Placement and Migration Techniques", ICETSTEM 2015 ISBN: October 2015
16. K Swapnika, K Swanthana, and Dr Y Vijayalata, "Disjoint Community Detection Algorithms in Social Media: An Overview", International Journal of Innovations in Engineering and Technology(IJIET), Pg.No. 293-298, ISSN: 2319-1058, February 2016
17. K Swanthana, K Swapnika, and Dr Y Vijayalata, "Dimensionality Reduction in Big Data using Unsupervised Learning: An Overview", International Journal of Innovations in Engineering and Technology(IJIET), Pg.No. 287-292, ISSN: 2319-1058, February 2016
18. Guduru Madhuri, Dr.Y.Vijayalata, "A Survey Paper on Protocol Based Network Management System", International Journal & Magazine of Engineering, Technology, Management and Research(IJMETMR), Pg.No.152, ISSN No: 2348-4845, November 2016
19. Chaithanya Pramodh Kasula and Vijayalata Yellasiri, "Automatic Personality Recognition of Authors Using Big Five Factor Model" , ICACA-2016, IEEE Xplore
20. Kalpana Ettikyala, Dr. Y Vijayalata, "Rank Based Efficient Task Scheduler for Cloud Computing", International Conference on Data Mining and Advanced Technology 2016, IEEE Xplore ISBN: 978-1-4673-8592-3

Citations:

1. Patil A.M, Kolhe S.R, Patil P.M, "Face Recognition by PCA Technique", Emerging Trends in Engineering and Technology, December 2009, ISBN: 978-1-4244-5250-7, IEEEXplore, pp. 192-195.
2. Dr. H.B. Kekre, Sudeep D. Thepade, Akshay Maloo, "Performance Comparison for Face Recognition using PCA, DCT & Walsh Transform of Row Mean and Column Mean", ICGST – GVIP Journal, Volume 10, Issue 2, June 2010, pp. 19-27, ISSN: 1687-398X Print, pp. 1687-3998 Online.

Aniesha Alford, Caresse Hansen, Gerry Dozier, Kelvin Bryant, John Kelly, Tamirat Abegaz, Karl Ricanek, Damon L. Woodard, "GEC – Based Multi – Biometric Fusion", 2011 IEEEXplore.

Books Published
    "Formal Languages and Automata Theory", CBS Publishers, ISBN: 978-81-239-2284-3

Professional Membership

1. IEEE Senior Member
2. IAENG Member
3. CSTA Member

Workshops Conducted/Attended

	Title of the Lecture/Academic Session	Title of Conference/Seminar	Organized by	Whether International/ National
1	Convener	Gamming Testing Workshop	GRIET, MindQ Systems	National
2	Organizing Member	National Level Workshop on Simulation of Wireless Sensor Network Using NS-2	GRIET in association with Pantech	Regional
3	Convener	FDP on "Essentials of BigData Programming using InfoSphere Big Insights"	GRIET TEQIP-II, IBM	Local
4	Convener	FDP on "Fundamentals of Big Data using InfoSphere BigInsights"	GRIET TEQIP-II, IBM	Local
5	Convener	FDP on "Learning Business	GRIET TEQIP-	Local

		Intelligence using IBM COGNOS"	II, IBM	
6	Chief Coordinator	Two Week Workshop on "Open Source Softeware through TEL" by Spoken Tutorials IITBombay	GRIET & IITB	National
7	Program Coordinator	Human Values & Professional Ethics	GRIET TEQIP-II	Local
8	Convener	Explore the Knowledge-Optimum Utilization of Advanced Open Office	GRIET TEQIP-II	Regional
9	Convener	Simulations of Raspberry Pi with Wireless Sensor Networks	GRIET TEQIP-II	Regional
10	Convener	Computational Methods	GRIET TEQIP-II	Regional
11	Co-convener	National Conference ETCT	GRIET TEQIP-II	National

S.No	Workshops Attended	Duration	Organised by
1	Two-Week AICTE approved FDP on "Pedagogy for Online and Blended Teaching-Learning Process - FDP201x"	2 Weeks	GRIET, IIT BombayX(National)
2	Two-Week AICTE approved FDP on "Foundation Program in ICT for Education - FDP101x"	2 Weeks	GRIET, IIT BombayX(National)
3	ORACLE Academy "Database Design and Programming with SQL"	1 Week	Oracle Academy
4	A One Week Faculty Development Program on "Data Science and Big Data Analytics"	1 Week	NITW
5	A Two Week FDP on Open Sourse Software through TEL by Spoken Tutorials	2 Weeks	IITB
6	FDP on Algorithms	8 Weeks	IITB
7	Implementation of Data Structures	8 Weeks	IITB
8	Educational Technology for Engineering Teachers	8 Weeks	IITB
9	Foundation of Data Structures	8 Weeks	IITB
10	Management Capacity Enhancement Programme	1 Week	IIM Tiruchirappalli
11	Guide to a Passionate Teacher	1 Week	GRIET TEQIP-II
12	Introduction to Design of Algorithms	2 Weeks	MHRD, Govt. Of India
13	Pedagogy for Effective use of ICT in Engineering Education	2 Weeks	MHRD, Govt. Of India
14	Rational Rose Architecture	1 Week	IBM
15	ISTE WORKSHOP on "Computer Networks"	2 Weeks	MHRD, Govt. Of India
16	ISTE WORKSHOP on "Computer Programming"	2 Weeks	MHRD, Govt. Of India
17	ISTE WORKSHOP on "Database Management System"	2 Weeks	MHRD, Govt. Of India
18	Mission 10X	1 Week	WIPRO

Invited Lectures and Chairmanships at National or International conference/seminar etc.

SNo.	Title of the Lecture/Academic Session	Title of Conference/Seminar	Organized by	Whether International/ National
1	Session Chair	International Conference on Communications and Cyber Physical Engineering (ICCCPE -2018)	CMRIT (Springer)	International
2	Speaker	All Hyderabad Computer Society Student Congress'18	IEEE CS, Vaagdevi College of Engineering	Regional
3	Speaker	WOMEN ROCK IT	VCE, CISCO	International

4	Speaker	IEEE Day	HITAM	Regional
5	Speaker	IEEE student orientation	VIT AP	Regional
6	Speaker	Faculty Induction Programme	GRIET	Regional
7	Speaker	SS12	IEEE	International
8	Chair	IEEE ILS, Goa	IEEE WIE	International
9	Speaker	IEEE GRIET SB "How to write a Research Papers"	IEEE GRIET SB	Regional
10	Panelist	IEEE ILC, San Jose	IEEE WIE	International
11	Convener	XKernel'17	GRIET	Regional
12	Convener	Game Testing Workshop	GRIET	Regional
13	Speaker	Faculty Orientation Programme on "Course File Planning"	GRIET	Regional
14	Session Chair	International Conference on Research Advancements in Computer Science and Communication	BVRIT	International
15	Member	IEEE EAB	IEEE MGA	International
16	Vice-Chair	IEEE WIE India Council	IEEE IC	National
17	Organizing Member	IEEE Technology Entrepreneurs Summit 2016	IEEE	International
18	Program Committee Chair	IEEE WIE International Summit2016	IEEE	International
19	Track Co-Chair	IEEE WIECON-ECE 2016	IEEE	International
20	Guest Lecture	Advanced Data Structures	AITS	Regional
21	Organizing Member	National Level Workshop on Simulation of Wireless Sensor Network Using NS-2	GRIET in association with Pantech	Regional
22	Program Committee Chair	IEEE WIE International Summit2016	IEEE	International
23	Guest Lecture	IEEE CS Benefits	IEEE,CBIT	International
24	Convener	One Day Workshop on "POWER OF WORDPRESS"	GRIET	Local
25	Guest Lecture	Open Source Technologies	AITS	Regional
26	Convener	One Week Workshop on "Google Computer Science with Android Workshop"	GRIET	Local
27	Chief Coordinator	Spoken Tutorials IITB	GRIET, IIT Bombay	Regional
28	Technical Committee Member	IEEE IACC 2016	IEEE	International
29	Guest Lecture	Image Classifications	AITS	Regional
30	Convener	One Week Faculty Development Programme on "Essentials of Big Data Programming using IBM InfoSphere Big Insights	GRIET & IBM	Regional
31	Session Chair	ICRAESIT-2015	BVRIT	International
32	Student Activity Chair	IEEE Hyderabad Section	IEEE	Regional

33	Session Chair	IEEE WIECON-ECE 2015	IEEE	International
34	Speaker	SB operational Manual, IEEE Congress	Vizag	Regional
35	Organizer and Speaker	IEEE Symposium	Bangalore	International
36	Guest Speaker	Machine Learning	SVPEC	Regional
37	Speaker	IEEE Students Internship Preparation & Entrepreneurship Development	IEEE	International
38	Speaker	Interview Preparation , IEEE India Strategic Initiative	Vizag	International
39	Speaker	IEEE Benefits , IEEE SB	CMREC	Regional
40	Speaker	IEEE R10 SAC Meet	IEEE	International
41	Speaker	IEEE Benefits	Matrusri	Regional
42	Guest Lecture	Image Classifications	VNRVJIET	Regional
43	Track Chair	IEEE ILS Chennai	IEEE WIE	International
44	Speaker	IEEE Benefits	GNITS	Regional
45	Speaker	IEEE Internship Program	IEEE India	International
46	Session Chair	National Conference on Information Security	CBIT	National
47	Advisory Member BOS at MVSR	MVSR	JNTU	Regional
48	Convener	Explore the Knowledge Optimum Utilization of Advance Open Office	GRIET TEQIP-II	Regional
49	Jury Member	Srujana 15	JNTUH ABVP	Regional
50	Speaker	IEEE WIE Benefits	Stanely College	Regional
51	Convener	Data Structures & Algorithms behind Auto Suggest	GRIET TEQIP-II	Regional
52	Convener	India's Biggest Networking Championship	GRIET TEQIP-II	Regional
53	Speaker	International Women Days	SPEW	National
54	Convener	Simulations of Raspberry Pi with Wireless Sensor Networks	GRIET TEQIP-II	Regional
55	Information Manager	IEEE WIE R10	IEEE R10	International
56	Chair WIE-AG	IEEE Hyderabad Section	IEEE	Regional
57	Subject Expert	Cloudera: Big Data and Cloud Analytics	JNTUH UGC-ASC	National
58	Speaker	Technology Enhanced Learning Through IEEE for imparting Higher Quality Education	JNTUA	Regional, JNTUA
59	Speaker	Career Guidance	Vaagdevi College of Engineering	Regional
60	Jury Member	YUKTI 2014	MGIT	National
61	Convener	Workshop on "Mobile App Development in Windows8"	GRIET	Regional
62	Convener	Industry Institute Interaction On "Recent Trends in Mobile Application Development"	GRIET	Local

63	Session Chair	International Conference on Management	GRIET, AICTE	National
64	Speaker	IEEE Best Practices	JITS	Regional
65	Speaker	IEEE WIE Best Practices	VASAVI COLLEGE OF ENGINEERING	Regional
66	Speaker	Career Guidance	SPOORTHY	Regional
67	Speaker	FUZZIEEE 2013 Conference	IEEE R10	International
68	Speaker	R10 Student/WIE/GOLD Congress	IEEE R10	International
69	Keynote Speaker	WIE Zonal Congress	HITAM	Regional
70	Co-convener	National Conference ETCT	GRIET TEQIP-II	National
71	Speaker	Arise Awake and Act, IEEE WIE	BVRITH	Regional
72	Advisory & Technical Committee	2nd National Conference on Computer Networks & Information Security Under TEQIP-II	VASAVI COLLEGE OF ENGINEERING	National
73	Speaker	Open Source and its Research perspectives IEEE WIE	KITS Warangal	Regional
74	Speaker	WIENC-12	IEEE, DIET	National
75	Convener	Computational Methods	GRIET TEQIP-II	Regional
76	Advisory & Technical Committee	National Conference on Computer Networks & Information Security Under TEQIP-II	VASAVI COLLEGE OF ENGINEERING	National
77	Speaker	WIE Zonal Congress	IEEE Hyderabad Section	Regional

Awards and Recognition

1. Certificate of Appreciation for valuable services and contribution as Vice-Chair – Computer Society Chapter (2016, 2017) by IEEE Hyderabad Section
2. Recipient of **"Distinguished Leader in Engineering"** Higher Education Leadership Awards-HELA 2018, Venus International Foundation
3. Recipient of **"Best Head of Department (IT)"** by ITSR Foundation Award-2017
4. Recipient of **"2017 IEEE Women in Engineering Inspiring Member of the Year Award"** by global IEEE
5. Certificate of Appreciation as Advisor at **TEDxGRIET** July 2017
6. Convener PRAGNYA-2017 in March 2017
7. 5 Vice-Chair, IEEE Women In Engineering – Affinity Group (WIE-AG) (2015, 2016), IEEE India Council
8. Winner of Poster Presentation at IEEE R10 Student/YP/WIE Congress 2016
9. Motivator for achieving "Vibrant Student Branch" for GRIET at Hyderabad Section in 2016
10. 2015 WIE Student Branch Affinity Group of the Year Award – IEEE MGA
11. Certificate of Appreciation for valuable services and contribution as Student Activities Chair – (2014, 2015) by IEEE Hyderabad Section
12. Recipient of **"Outstanding Branch Counselor Award 2013"** at IEEE R10(Asia-Pacific)
13. Winner of Presentation for the "R10 WIE Poster Session" at the R10 Student/GOLD/WIE Congress in 2013
14. Motivator for achieving "Vibrant Student Branch" for GRIET at Hyderabad Section in 2013
15. Certificate of Appreciation for valuable services and contribution as Chair – Women in Engineering – Affinity Group (2012, 2013) by IEEE Hyderabad Section
16. Certificate of Appreciation "IEEE R10 WIE Volunteer Committee as Information Manager" 2013
17. Motivator for achieving "Exemplary Student Branch" for GRIET at R10(Asia-Pacific) in 2012