

Curriculum Vitae

DR. C.M.VELU, M.E., Ph.D.,
New No.35, Ghandhi Street, Nithya Flats,
Palavanthangal, Chennai – 600 114.

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Please send email , SMS & Call. Please send me the college route.

Education: Ph.D., in CSE, Anna University, Chennai, Thesis Title : ARTIFICIAL NEURAL NETWORK BASED DATA VISUALIZATION TECHNIQUES FOR MARKET FORECASTING AND COMPUTER ASSISTED CLINICAL DIAGNOSIS.

ME (CSE) Sathyabama University, Chennai, 2007, 65%.

MS (Systems and Information), BITS, Pilani, 1994, CGPA 8.0/10.0.

MSc (OR & SQC), S.V. University, Tirupati, 1985, 75%.

I am enclosing my resume. May I request you to include my name as one of the Reviwer in the esteemed Journal.

Experience: Teaching: 25+ Years

Institute / Organisation	Designation	From	To
Datta Kala Group of Institutions, Pune	Prof. & HOD	02-08-2012	Till Date
Raja Lakshmi Institute of Tech., Chennai	Prof. & HOD	13-12-2010	02-01-2012
SKR Engineering College, Chennai.	Prof. & HOD	24-06-2008	12-12-2010
SMK Fomra Institute of Tech., Chennai.	Prof. & HOD	11-12-2003	11-06-2006
Sri Muthukumaran Inst.of Tech, Chennai.	AP& HOD	06-06-1998	10-12-2003
Lokmanya Tilak College of Engg., Bombay	SL/CSE	05-10-1995	05-06-1998
TN College of Engg., Coimbatore	L/CSE	07-06-1985	04-10-1995

Subjects Taught:

Data Mining & Data Warehousing	Data Structures & DAA	Computer Graphics
Grid & Parallel Computing	Image Processing & PR	E-Commerce & Web Design
Network Security & Cryptography	Computer Organisation	Artificial Intelligence & ANN

Achievements:

Publication		Produced 100% result	Work shops	ISTE Course	FDP Training	Conf./ Seminars		Book Chapter Publication
Jr.	Conf.					Attended	Conducted	
15	9	10 times	6	6	8	9	2	1

Journal Reviewer: British Journal of Mathematics & Computer Science, Asian Journal of Maths & Computer Research, Journal of Research & Reports, Academic Journals, IJCER, Inderscience IJLEG, Scientific Research & Essays.

Citation : My papers have been cited by more than 25 Research Scholars in journals.

Membership in Scientific Associations: LM ISTE, LM CSI, LM ACM.

RECENT 3 YEARS PUBLICATIONS:

Book Name	Chapter Title	Year, pages	Viewers	Downloads
Advances in Engg. & Tech. Series.	Heart Disease Diagnosis using Multiple KSOM	2013, Vol. 2, pp.126-130	1214	509

Interested Research Areas:

Data Mining	Neural Networks	Image Processing
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The following papers are Published in/Communicated to the journals by C.M.Velu and Dr.K.R.Kashwan

1. ANN Based Market Segmentation Model of Customer Mapping to Geographical Location in ICT Enabled Smart Cities, Journal of Convergence Information Technology (JCIT), Volume 10, Number 1, January 2015.
2. Artificial Neural Network Based Data Mining Technique for Customer Classification for Market Forecasting, International Journal of Advancements in Computing Technology(IJACT), Volume 7, Number 1, January 2015.
3. "Visual Data Mining Techniques for classification of Diabetics Patients", IEEE-IACC-2013, (Int. Advanced Computing Conference), 978-4673-4529-3/12@2012, pp.1058-1062.
4. "Customer Segmentation-Data Mining Techniques", IJCTE, Vol.5, No.6, Dec2012, pp.856-861.
5. "Multi-level Counter Propagation network for Diabetes classification", IEEE Conference on International Conference on Signal Processing and Image Processing and Pattern Recognition-2013, pp. 190-194.
6. "Heart Disease Diagnosis using Multiple Kohonen Self-Organisation Maps",IEEE International Conference on Advanced Research in Engineering and Technology, (ICARET-2013), pp. 90-95.
7. "Performance Analysis for Visual Data Mining Classification Techniques of Decision Tree, Ensemble and SOM", *International Journal of Computer Applications (IJCAIF=0.835, 0975-8887) Volume 57, No.22, pp.65-71, November 2012.*
8. Harmony search algorithm trained Neural Networks for Market Forecasting and Planning, IASTED, CANADA, 2012.
9. Indian Coin Recognition and Sum Counting System of Image Data Mining Using Artificial Neural Networks, **IJAST**, Vol. 31, June, 2011.
10. Two-dimensional Edge Preserving Technique in Image Processing (**Published in ICECT 2010**).
11. Pareto Classification of Data Mining for Customer Relationship, 2012, *II International Conference on Information and Network Technology (ICINT2012)*, **IPCSIT Vol.37, (2012), pp151-155, IACSIT Press, Singapore.**
12. Super Market Segmentation using Clustering Techniques in Data Mining (**Published in IEEE Conference, ICECT April, 2012**).
13. Mammogram Image Segmentation Data Classification Using Watershed Transform (in Review).
14. MRI Image Mining and Classification Using Edge Detection Techniques (in Review).

Publications: International Journals: The following papers are published by C.M.Velu as first author

1. Efficient Association rules in Data Mining, IJSC, 2(1), pp. 21-36, 2007.
2. Two-Dimensional Sub-array Pattern Matching algorithm in Text Mining, AIML, Volume(6), Issue(4), pp.59-66, 2007. ISSN:1687-4846.
3. Optical Character Recognition (OCR) using a new approach of Multi-Level Counter Propagation Network (ML-CPN), EJEST, Vol.1, No.1, Nov.2008.
4. Impulsive Noise cleaning by smoothing of images using Fast Median Method (FMM) and Partial Median Method (PMM), IJEEE, Vol.1, No.1, pp. 55-63, Nov. 2008.
5. Indian Coin Recognition System of Image Segmentation by Heuristic Approach And Hough Transform(HT), IJOPCM, Vol. 2, No.2, pp.34-39, 2009.
6. Extended Freeman Chain Code Technique for License-Plate Recognition (LPR) using Morphological Based Method (MBM), IJCEST, 2009.
7. Function approximation using Feed Forward Neural Networks with Sigmoidal Signals, IJSC, pp.76-82, 2006.
8. A Class of left and right Sigmoidal Signals using Neural Networks, IJSC, pp.118-120, 2006.
9. Crypto Compression of Medical Images on Neural Cryptography with queries in Tele Medicine System, Journal of Computer Science, 2009.
10. A new Security on Neural Cryptography with queries employed to Crypto Compression of Medical Images in Tele-medicine System, IJISC, Vol.2, No.1, pp. 34-39, 2009.

Achievements

1. **The Govt. of A.P has awarded Rs.5000/- for outstanding in my PG Degree, in 1985.**

Conference Organized and (Convener)

1. Organized a Two day **National Conference on Recent Trends in Computation and Convergence (RTCC'07)**, RREC, Chennai, March, 2007.
2. Organized a one day **National Conference** on Recent Trends in Information Technology (**RTIT'09**) at SKREC, Chennai, Sept. 2008.

ISTE Courses attended:

1. May 1-11, 1995, Parallel Algorithms and Computing, REC, Trichy.
2. May 15-27, 1995, AI & ES, JNTU, Ananatapur.
3. May 29-June 9, 1995, ANN, OOPS, C++, TCE, Madurai.
4. Nov. 25-Dec 8, 1999, Networking through Windows NT, Crescent EC, Chennai.
5. May 14-25, 2001, Computer Graphics and Vision, PEC, Pondy.
6. June 8-20, 2009, Advanced Internet Programming Techniques, SIT, Madurai.

Faculty Development Programme (FDP):

1. Dec 13-17, 2011, Mission 10X, REC, Chennai.
2. Jan 25, 2002, VLSI Technology, SMIT, Chennai.
3. Jan 24-25, 2003, Embedded Systems, SMIT, Chennai.
4. Jan 24-25, 2008, Middleware Technologies, SVCE, Sriperumbudur, Chennai.
5. Oct 12, 2007, Cisco Systems, Anna University, Chennai.
6. April-May, 1997, Mainframe Training, DSRC, Chennai.
7. Feb. 23-24, 2010, Data Mining and Data Warehousing, MIT, Chennai.
8. Jan 20-21, 2011, Data Mining for Web Intelligence, MIT, Chennai.

Conferences attended:

1. Jan 4-7, 2000, ECAAP-2000, Crescent EC, Chennai.
2. Aug 13-15, 2000, Multimedia Processing & Systems, IITM, Chennai.
3. Dec 20-22, 2000, Computer Vision and Graphics & Images, IISc, Bangalore.
4. Mar 26-30, 2001, Computer Vision and Pattern Recognition, ISI, Kolkatta.
5. July 12-14, 2001, Document Analysis and Pattern Recognition, PES, Mandya.
6. Nov. 27-29, 2012, Int. Conference on Engineering and Applied Sciences, IASTED, Canada.
7. April 6-8, 2012, IEEE sponsored, ICECT-2012, Int. Conf. on Electronics & Computer Tech., Kanyakumari.
8. Feb. 23-24, 2013, IEEE Sponsored, IACC-2013, held at AKGEC, Gaziabad.
9. Feb. 8-9, 2013, IEEE Sponsored, ICARET-2013, held at K.L.University, Guntur.

Resource Person:

Delivered lecture on IP & PR for ISTE sponsored programme at St.Peter's University, Chennai.
Delivered lecture on Neural Network at Chandaraprabhu Arts and Science College, Meenjur, Chennai.
Delivered lecture on Data Mining for B.E students at Hassan Memorial Engg. College, Chennai.
Delivered lecture on Data Mining for B.E Final Year students at Valliammai Engg. College, Chennai.
Delivered lecture on DM & DW for B.E students at Rizvi Engg. College, BOMBAY

Extra Curricular / Other Activities:

1. Acted as Conference Judge/Chair for Paper Presentation in various engineering colleges.
2. Worked for getting NBA accreditation, ISO in charge.

Results Produced in University Examinations: Between 75% to 100%

Personal Details :

Father's Name : C.Annamalai
Date of Birth : 15.04.1960, Age : 55 years.
Status & Sex : Married, Male
Nationality & Religion : Indian, Hindu (Sengundhar)

Reference :Dr. K.R.Kashwan, Dean ECE, SONA College of Tech, Salem.

Dr.A. Kannan, H.O.D Information Technology, Anna University, Chennai.

Dr.S. Senthil Kumar, Principal, SKR Engg. College, Poonamallee.

Dr.S. Ganesh, Principal, Rajalakshmi Institute of Technology, Chennai.

Dr.M.V.Mankar, Director, Dattakala Group of Institutions, Pune.

DECLARATION

I certify that to the best of my knowledge and belief, the details given above are true and correct. I also certify that if selected, I will discharge teaching and other duties assigned to me with full commitment and devotion.

Date:

(Dr. C.M.Velu)