



Dr. K.B. JAYARRAMANM.E., Ph.D.,

Professor

Department of CSE

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CARRIER OBJECTIVES :

- ✓ Imparting Quality Technical Knowledge to Young Engineers.
- ✓ Motivating them to realise their potential.
- ✓ Excelling in the field of Teaching and Training.
- ✓ Performing Research Activities in the Technical Disciplines.
- ✓ Raising their level of Performance as a Mentor, thereby becoming a Nucleus of Enlightened Guidance.
- ✓ Achieving Team Spirit among the wards.
- ✓ Producing steady and permanent growth for the Institution and Staff, Qualitatively and Quantitatively.

EXPERIENCE DETAILS :

SL. NO	EDUCATIONAL INSTITUTION / COMPANY WORKED	POST HELD	FROM	TO	YEARS OF EXPERIENCE
1.	Manakula Vinayagar Institute of Technology, Puducherry	PROFESSOR /HEAD/CSE	10.10.2012	Till Date	6 Year
2.	Jei Mathaajee College of Engg., Kanchipuram.	PRINCIPAL	23.07.2010	8.10.2012	2 Years 3 Months
3.	Pallavan College of Engineering, Kanchipuram.	HOD / CSE	01.06.2005	02.07.2010	5 Years
4.	Pallavan Polytechnic College, Kanchipuram.	HOD / CSE	15.11.1989	31.05.2005	15 Years, 6 Months
5.	PULSARS, 41 Krishnapuram Road, Choolaimedu, Chennai-94.	Diploma Engineer Trainee	15.05.1989	13.11.1989	6 Months.

ACADEMIC CREDENTIALS :

SL. NO	QUALIFICATION	UNIVERSITY / INSTITUTE / SCHOOL	MAJOR SUBJECT	YEAR OF PASSED	% OF MARKS / CLASS	MEDIUM OF INSTRUCTION
1.	Ph.D.,	Vinayaka Missions University, Salem.	Computer Science & Engg.	May 2012	-	ENGLISH
2.	M.E.,	Sathyabama University, Chennai.	Computer Science & Engg.	April 2007	72 % First Class	ENGLISH
3.	B.E.,	Anna University, Main Campus, Chennai.	Computer Science & Engg.	May 2004	73 % First Class	ENGLISH
4.	Diploma in Computer Science & Engg.	Pallavan Polytechnic Kanchipuram.	Computer Science & Engg.	April 1989	86 % First Class	ENGLISH
5.	Diploma in Co-operation	Kanchipuram Co-operative Training Institute, Kanchipuram.	Co-operation	May 1986	55 % First Class	TAMIL
6.	I.T.I.	Govt. I.T.I., Chenglepet.	Sheet Metal Worker	July 1984	81 % First Class	TAMIL
7.	H.S.C.,	Govt. Technical HS School,Kpm	General Machinist	April 1982	74 % First Class	TAMIL
8.	S.S.L.C.,	CMSM High School, Kanchipuram	All Subjects	March 1980	65% First Class	TAMIL

SUBJECTS HANDLED

- Grid Computing
- Web Technology
- Computer Graphics
- Computer Architecture and Organisation
- Data Mining and Data Warehousing
- Programming Languages.
- Assembly Language Programming
- Total Quality Management
- System Analysis and Design
- Programming Paradigms – Advanced Java Prog.
- Software Engineering
- Fundamentals of Computer Programming
- Advanced Computer Architecture

PROFESSIONAL PROFILE :

- Possess 25 years of Professional Teaching Experience in Computer Science and Engineering as Instructor/Lecturer/Asst. Professor/Professor.
- For more than 20 years, I have been guiding Diploma/UG/PG Degree students Final year Projects on topics of wide coverage in the field of Computer Science & Engineering.
- In-depth knowledge of latest CSE/IT technologies.
- Having excellent Teaching and Monitoring skills.
- Ability to complete assigned jobs within limited time period.
- Familiar with the Policies and Guidelines of the University.
- Ability to explain technical concepts and ideas in a clear and precise manner.
- Provided necessary education counseling as the Education Adviser to the students.
- Consistent Excellent Result Producing Academic Records with zeal to learn new concepts quickly and apply innovative ideas for achieving the best results.
- Motivated, self starter with a passion to succeed and desire to excel in the areas of Teaching and Research.
- Good Analytical and Inter-personal skills to perform as a Team Leader, Player.
- Creativity in Design and Development
- I have evinced keen interest in the personality development of Students especially in their Final year.
- I have liaised between the Engineering Colleges and Industries thereby conducting Campus Interviews since 2004.
- I have successfully organized and arranged Industrial Visits and tours as part of the Curriculum.
- I have acted as Chief Superintendent for Anna University, AUTC exams more than 5 times.

CONFERENCE DETAILS:

- Acted as a Chair person in the International Conference on Advanced Computing (ICoAC) conducted by MIT Campus, Anna University, Chrompet, Chennai on 19-12-2014 Both FN & AN sessions for Data Processing Techniques and Data Security Sessions.
- Acted as a Chair person in the 5th International Conference on Advanced Computing (ICoAC) conducted by MIT Campus, Anna University, Chrompet, Chennai on 19-12-2013 FN session.
- Acted as a Co-Chair person in the International Conference on Systems, Methodologies, Automation and Research Trends (SMART) conducted by Manakula Vinayagar Engineering College, Puducherry on 13-12-2012.
- Acted as a Project Evaluation Judge at Project Exhibition (Generic 2013) held in the Mailam Engineering College, Tindivanam on 30-1-2013.
- Attended National Conference on “Emerging Trends in Soft Computing” at Adhi Parasakthi College of Engineering, Kalavai, Tamil Nadu.
- International Conference on “Futuristic Trends in computer Science Engineering & Information Technology - ICCT 2012” at Thiruvalluvar College of Engineering and Technology, Vandavasi.

- National Conference on “Recent Trends in Engineering, Management & Computer Application NRTIEMC-2011” at Pallavan College of Engineering, Kanchipuram, Tamil Nadu on 23,24th May 2011.
- International Conference on “Computing, Communication and Advanced Network- ICCAN 2013” organized by Chennai Institute of Technology, Chennai on 15th to 17th March 2013.

TRAINING PROGRAMMES ATTENDED :

- ★ Underwent Short Term Training Programme on Assembly Language Programming at Arasan Ganesan Polytechnic College, Sivakasi.
- ★ Participated in One-day Faculty Development Workshop on “Experiential Learning in Higher Education : An Innovative Approach “ at VIT-Chennai Campus, Chennai.
- ★ Underwent Faculty Development Programme on “Grid Computing” at Arunai Engineering College, TV malai from 11-12-2009 to 18-12-2009.
- ★ Participated in one day Workshop on “NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING (NPTEL)“ Conducted by Manakula Vinayagar Institute of Technology, Puducherry in association with Classle on 21-12-2012.
- ★ Participated in Two days Workshop on “DIGITAL IMAGE PROCESSING Using Matlab “ Conducted by Dept. of ECE at Manakula Vinayagar Institute of Technology, Puducherry from 1-3-2013 to 2-3-2013.
- ★ Participated in eight days Training Programme on “CLOUD COMPUTING AND ADVANCED JAVA“ Conducted by Manakula Vinayagar Institute of Technology, Puducherry in association with ICT Academy of Puducherry from 22-7-2013 to 30.7.2013.
- ★ Participated in AICTE Sponsored 2 weeks Faculty Development Programme on “Recent Advances in Artificial Neural Networks” at Manakula Vinayagar Institute of Technology – Puducherry on 22-4-2013 to 3-5-2013.
- ★ Participated in AICTE Sponsored 2 days National Seminar on “Current Scenario : Open Source Technologies” at Manakula Vinayagar Institute of Technology – Puducherry on 17-04-2013 to 18-04-2013.
- ★ Participated in 2 days Workshop on “CYBER SECURITY & MALWARE ANALYSIS” conducted by Department of Information Technology, Manakula Vinayagar Institute of Technology, Puducherry in association with Indian Servers from 2-8-2013 to 3.8.2013.
- ★ Participated in AICTE Sponsored 2 days Workshop on “CYBER LAW & CYBER SECURITY” conducted by Department of Information Technology, Manakula Vinayagar Institute of Technology, Puducherry from 25-10-2013 to 26-10-2013.
- ★ Participated in AICTE Sponsored 2 days National Seminar on “Impact of Bio-metric security using Image Processing” at Manakula Vinayagar Institute of Technology – Puducherry on 12-11-2013 to 13-11-2013.
- ★ Participated in ISTE Sponsored 1 day Workshop on “RESEARCH & DEVELOPMENT IN ENGINEERING INSTITUTIONS” conducted by R & D Cell, Manakula Vinayagar Institute of Technology, Puducherry on 13-09-2014.
- ★ Participated in CSI Sponsored 1 day Seminar on “RESEARCH ISSUES IN IMAGE

PROCESSING |&DATA MINING” conducted by R & D Cell, Manakula Vinayagar Institute of Technology, Puducherry on 3-12-2014.

- * Acted as GATE – Presiding Officer to conduct GATE Examinations at Manakula Vinayagar Institute of Technology, Puducherry from 2.2.2014 to 2.3.14 and 31.1.2015 to 8.2.2015**
- * Participated in RUSA Sponsored 1 day Workshop on “ACCREDITATION, STANDARDS & MANAGEMENT IN HIGHER EDUCATION” conducted by PKIET, Nedungadu, Karaikal on 17-10-2015.**
- * Participated in Puducherry e-Governance Society (PeGS) 5days Faculty Development Programme on “LIFE SKILLS” conducted by ICTACT Training Academy, Puducherry from 2-11-2015 to 6-11-2015.**
- * Participated in Puducherry e-Governance Society (PeGS) 5days Faculty Development Programme on “WEB DESIGNING & SCRIPTING” conducted by ICTACT Training Academy, Puducherry from 24-11-2015 to 28-11-2015.**
- * Participated in Puducherry Planning Authority – Preparation of Comprehensive Development plan for Puducherry Region – Fourth Interactive Seminar with Stakeholders – at Christ College of Engineering, Puducherry on 19-2-2016.**

CO-CURRICULAR ACTIVITIES :

- * Co-ordinator of Technical Symposiums Conducted at Pallavan College of Engineering.**
- * Co-ordinator of Fresher’s Day – Future Technocrafts Function, Future Rulers – MBA Freshers Function, MANIC-Association of Mechanical Engineers Function, Future Ruler’s Fest (FRF 2K1) conducted at Jei Mathaajee College of Engineering.**
- * Co-ordinator of Disaster Management Programme with Sri Satya Sai Organisation, Conducted at Jei Mathaajee College of Engineering.**
- * Active Advisor of Placement Training Cell and various other Admin. Activity Cells.**
- * Co-ordinator of College Cultural Programmes Conducted at Jei Mathaajee College of Engineering and in Manakula Vinayagar Institute of Technology – Puducherry.**
- * Co-ordinator of Students’ Personal counseling Service along with TURNING POINT, Chennai, Counselling programme Conducted at Jei Mathaajee College of Engineering.**
- * Co-ordinator of Various Programmes conducted at Jei Mathaajee College of Engineering such as SCULPTORS’ DAY, ENGINEERS’ DAY, INDEPENDENCE DAY, REPUBLIC DAY, NAVARATHIRI KOLU, CHRISTMAS etc along with all Department Teaching and Non-Teaching members.**
- * Acted as Co-chairperson at Bhakthavatchalam Polytechnic College, Kanchipuram Electronics Department State wide Symposium during September 2011.**
- * Acted as Co-chairperson at Manakula Vinayagar College of Engineering International Conference SMART during the year December 2012.**
- * Acted as Co-ordinator for National Conference on “Emerging Trends & Developments in Engg.& Technology ETDET’13” at Manakula Vinayagar Institute of Technology – Puducherry on 8-3-2013.**

★ Acted as Jury/Judge for Science & Technology Project Exhibition (GENERIC 2013) at Mailam Engineering College on 30-1-2013.

★ Editorial Panel member in “International Journal of Advanced Computer Science and Technology (IJACST)”, New Delhi

★ Acted as Chief Guest for CSE Deptment National Level Symposium “Entuxia ‘14” at Vi Institute of Technology, Chengalpattu on 4.2.2014.

★ Acted as Co-ordinator for National Conference on “Systems, Computation, Automation and Networking – SCAN 2015” at Manakula Vinayagar Institute of Technology – Puducherry on 6-3-2015.

★ Acted as Co-ordinator for National Conference on “Systems, Computation, Automation and Networking – SCAN 2016” at Manakula Vinayagar Institute of Technology – Puducherry on 11-3-2016

★ Life Member of ISTE. ISTE Membership number 36495

★ Life Member of CSI. CSI Membership number 11500661

★ Active Blood Donor (O₊ve)

ACTED AS CO-ORDINATOR :

★ Acted as Co-ordinator for National Conference on “Emerging Trends & Developments in Engg. & Technology ETDET’13” at Manakula Vinayagar Institute of Technology – Puducherry on 8-3-2013.

★ Acted as Co-ordinator for AICTE Sponsored 2 days National Seminar Grant on “Current Scenario : Open Source Technologies” at Manakula Vinayagar Institute of Technology – Puducherry on 17-4-2013,18-4-2013.

★ Acted as Co-ordinator for AICTE Sponsored 2 weeks Faculty Development Programme on “Recent Advances in Artificial Neural Networks” at Manakula Vinayagar Institute of Technology – Puducherry from 22-4-2013 to 3-5-2013.

★ Acted as Co-ordinator for AICTE Sponsored 2 days National Seminar Grant on “Impact of Bio-metric security using Image Processing” at Manakula Vinayagar Institute of Technology – Puducherry on 12-11-2013 to 13-11-2013.

PAPERS PUBLISHED :

PAPER #	ISSN NUMBER	PAPER TITLE	SOURCE	AUTHORS
Paper 1	1816-9503	Finger Print Authentication Using Back-propagation Algorithm	International Journal of Soft Computing 3(4):282-287,2008	K.B. Jayarraman, Dr.C.Puttamadappa, E.Anbalagan, E.Mohan, SrinivasaRao Madanee

Paper 2	0973-9424	Securing Relational Databases Using High level Water marking Techniques	International Journal of Mathematical Science & Engg. Applications IJMSEA Vol. 3 No 2(2009):157-172	E.Anbalagan, K.B. Jayarraman, E.Mohan, C.Venkatesan, Dr.C.Puttamadappa,
Paper 3	0974-1518	Finger Print Authentication Using Artificial Neural Networks	International Journal of Engg. Research & Industrial Applications IJERIA Vol:2 No.3, pp 329-340	K.B. Jayarraman, Dr.C.Puttamadappa, E.Mohan, K.Sudhaakar
Paper 4	1816-9503	Data Mining and Intrusion Detection Using Back-propagation Algorithm for Intrusion Detection	International Journal of Soft Computing 3(4):264-270,2008	E.Anbalagan, Dr.C.Puttamadappa, E.Mohan, K.B. Jayarraman, Sreenivasarao Madane
Paper 5	1816-9503	Facial Tracking in Video Using Artificial Neural Networks	International Journal of Soft Computing 3(4):271-276,2008	E.Mohan, Dr.C.Puttamadappa, K.B.Jayarraman,E.Anbalagan, SrinivasaRao Madanee
Paper 6	0975-7430	Segregation of Age Groups on Finger Print Authentication	Indian Research Review Vol 2 Issue 4 Page 18-26, 2011	K.B.Jayarraman, Dr.C.Puttamadappa
Paper 7	0975-7430	A Modified Finger print Segmentation Based Onlog-Gabor Filter and Orientation reliability	Indian Research Review Vol 2 Issue 4 Page 44-48, 2011	K.B.Jayarraman, Dr.C.Puttamadappa
Paper 8	2249 – 8958	A Novel Approach for Satellite Image Resolution Enhancement	International Journal of Engineering and Advanced Technology (IJEAT) Volume-2, Issue-4, April 2013	K.B. Jayarraman, E. Mohan, U. Maheswaran, D. Sathiyaraj. G.Dhakshanamoorthi
Paper 9	2229-4333	Evolutionary Techniques for Digital Circuit Synthesis Intended for Combinational Circuits	International Journal on Computer Science and Technology (IJCST)	Dr.K.B.Jayarraman, Dr.E.Mohan, U.Maheswaran, D.SathiyaRaj, S.Kumarakrishnan
Paper 10	2278:7844	A New Method Avoids the Falling-Off Boundaries by Using Try way pixel value difference and Modulus function in Image Steagnography	International Journal of Advanced and Innovative Research (IJAIR) Volume 2 Issue 11November 2013 ISSN : 2278:7844	Dr.K.B.Jayarraman, G.Dhakshanamoorthi
Paper 11	2278:7844	Satellite Image Classification using Neural Networks	International Journal of Advanced and Innovative Research (IJAIR) Volume 3 Issue	Dr.K.B.Jayarraman, S.Kumarakrishnan

			3 March 2014 ISSN : 2278:7844	
Paper 12	2278-0181	Multi modal biometric template protection using image processing	International Journal of Engineering Research and Technology , ISSN: 2278-0181, ISO 3297:2007 Volume. 4 Issue 1	Dr.K.B.Jayarraman, V.Arulalan, G.Balamurugan
Paper 13	2278-0181	An Iris Based Watermarking System for the Security Issues of Teleradiology	International Journal of Applied Engineering Research (IJAER – SCOPUS indexed Journal)Vol. 9, Issue No. 20, Page No. 4433-4437 December 2014, ISSN : 0973-4562.	Dr.K.B.Jayarraman G.Balamurugan, V.Arulalan
Paper 14	0975-8887	Classification of Land Cover in Satellite Image using Supervised and Unsupervised Techniques	International Journal of Computer Applications (0975 – 8887) Volume 135 – No.5, February 2016	Dr.K.B.Jayarraman G.Balamurugan
Paper 15	2277 128X	Survey on Content Based Image Retrieval Technique	International Journal of Advanced Research in Computer Science and Software Engineering Volume 6, Issue 3, March 2016 ISSN: 2277 128X Available online at: www.ijarcsse.com	Dr.K. B. Jayarraman, Salomia Brigitha.J
Paper 16	2321-872X	An Efficient Visual and Textual Based Image Retrieval Method	International Journal of Advanced Research in Computer Science and Applications (IJARCSA) impact factor 1.5volume 4 issue 2, page no 7-17,ISSN 2321-872X ONLINE ISSN 2321-8932 PRINT.	Dr.K. B. Jayarraman, Salomia Brigitha.J

Paper 17	2455-2143	Face Recognition System Using Learning Approach And Local Binary Pattern	International Journal of Engineering Applied Sciences and Technology, 2016 Vol. 1, Issue 8, ISSN No. 2455-2143, Pages 99-102 Published Online June - July 2016 in IJEAST (http://www.ijeast.com)	Dr.K.B.Jayarraman G.Balamurugan, M.Vasanthapriyva
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