MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)
Pasumalai, Madurai - 625004

Curriculum Vitae

(I) PERSONAL INFORMATION:

Name	**Dr.B.VIJAYA LAKSHMI**
Designation	Assistant Professor
Department	Commerce with Computer Applications
E-Mail ID	vijayalakshmib@mannnarcollege.ac.in
Contact No	9566982006
Date of Birth	06-02-1977
Date of Appointment	01-06-2019
Date of Retirement	06-02-2034
Gender	Female
Address	45, Ramasami Muthaliyar street, Kochadai, Madurai

Academic Qualification (Undergraduate Onwards):

S.No.	Degree	Year of Passing	Subject	Name of the Institution/University
1.	B.Sc	1998	Mathematics	Madurai Kamaraj University College/ Madurai Kamaraj university
2.	M.C.A	2004	Computer Application	Sourashtra College/ Madurai Kamaraj university
3.	M.Phil	2006	Computer Science	Madurai Kamaraj University -DDE/ Madurai Kamaraj university
4.	M.E	2016	Computer Science	K.L.N.Colleg og Engineering-Part time/

S.No.				Anna university, chennai
5.	Ph.D	2017	Computer Applications	Anna university- Part time, chennai

Ph.D thesis title, Institute/Organization/University and Year of Award:

S.No.	Ph.D thesis title	Field of Specialization	Institute/University	Year of Award dt/mm/yr (viva voce date as per syndicate communication)
1	PLANT LEAF CLASSIFICATION USING HYBRID LOW LEVEL FEATURES WITH ENHANCED FEATURE SELECTION ALGORITHM	Data Mining-Image PRocessing	Anna university- Part time, chennai	10-07-2017

(II) TEACHING EXPERIENCE:

Work Experience: (in chronological order)

S.No.	Positions held	Name of the Institute	Designation	From	To	Others
1.	Teaching	Mannar Thirumalai Naicker College	Assistant Professor	1-6-2019	till date	
2.	Teaching	K.L.N. College of Engineering	Assistant Professor (Selection Grade)	01.12.2018	17-5-2019	
3.		K.L.N. College of Engineering	Assistant Professor (Senior	01-09- 2013	30-11- 2018	

			Grade)			
4.	Teaching	K.L.N. College of Engineering	Assistant Professor	3-01-2007	31-08-2013	
5.	Teaching	Sourashtra College	Lecturer	19.1.05	29.12.2006	
6.	Teaching	Devasakayam Annathayammal women's college	Lecturer	28.6.04	18.1.2005	

Faculty Development Programme/Short Term Course attended (other than MTNC):

S.No	Faculty Development Programme/ Short Term Course	Title of the Programme/Course	Name of the Institution/University	Month and Year
1.	Faculty Development Programme	CURRENT TRENDS IN INFORMATION TECHNOLOGY	School of Computational Sciences and CANNY - Consortium of Colleges ,NEHRU ARTS AND SCIENCE COLLEGE	2-2-2022 to 9-2-2022
2.	Faculty Development Programme	TEQIP-III sponsored ACM Faculty Development Training programme on Research based Statistical, Analytical and Data modeling Tools 2018	Department IT, Thiagarajar College of Engineering	26-4-2018 to 28-4-2018

3.	Faculty Development Programme	PYTHON PROGRAMMING	MCA Depat/KLN COllege	2-8-2017 & 3-8-2017
4.	Short term course	short term course on Analytics	Department of Computer applications and Computer science &engineering ,National Institute of Technology(NIT-T), Tiruchirapalli	19-1-2017 to 22-1-2017
5.	Faculty Development Programme	Software Testing Tools	CSE & IT Depart / Latha Mathavan Engineering College	29-6-2015

6.	Short Term Training program	Image Processing using MATLAB	Itie Knowledge Solutions, Biomedical Signal Acquisition & analysis system	9-5-2011 to 17-5-2011
7.	Faculty Development Programme	Research Funding & Patent Methodologies in Engineering & Technology	Depart of ECE, K.L.N.College of Engineering, Pottapalayam	4-3-2010 & 5-3-2010
8.	Short Term Course	Rational Application Developer for WebSphere Software V6.0	CSC Department, K.L.N.College of Engineering,Pottapalayam	18-8-2009 to 20-8-2009

9.	Short Term Course -Summer Schooling	Industry – Academia Interaction Workshop On Professional Approach Towards Software Development Using C++, VC++ and Oracle "	Honeywell Technology Solutions, Thiagarajar College of Engineering Campus, Madurai	first phase-14th to 19th April,2008 (6 days) , II phase 23rd to 28th June,2008 (6days)
10.	Faculty Development Programme	Teaching Methods and Inter Personal Relationships	Sourashtra college	24-9-2005 & 1-10-2005

Books/Reports/Chapters/General articles etc:

S.No	Title	Author's Name	Publisher	ISBN number	Year of Publication
1	Design Middleware in J2EE Develop Enterprise Applications Using RMI, EJB	Dr.B.Vijaya Lakshmi		978-93-5407-121-8	May-2020

(III) RESEARCH EXPERIENCE:

Research Guidance

S.No.	Research Level	Guiding	Submitted	Awarded
1	M.Phil	Nil	Nil	Nil
2	Ph.D	Nil	Nil	Nil

Publications (*List of papers published, in year wise descending order*):

S.No.	Title of the paper	Name of the Authors	Name of Journal	Month & Year	ISSN	Volume & Issue	Impact factor	ID Indexed in Scopus, Web of Science, Pub med / approved by UGC / UGC CARE List
1.	A Study On Consumer Perception Towards Online Shopping in Madurai District	Dr.B.Vijaya lakshmi	RABINDRA BHARATI JOURNAL OF PHILOSOPHY	2023	ISSN : 0973-0087	Vol. : XXIV, No:06, 2023		UGC CARE Group I
2.	Entrepreneurial Culture in India	Dr.B.Vijaya lakshmi	RABINDRA BHARATI JOURNAL OF PHILOSOPHY	2023	ISSN : 0973-0087	Vol. : XXIV, No:06, 2023		UGC CARE Group I
3.	E-Learning Technique for an Interactive Class: A Comparative Research	Dr.B.Vijaya lakshmi	Journal of Xidian University	Jan 2021	ISSN No:1001-2400	VOLUME 15, ISSUE 1, 2021.		UGC-CARE
4.	Survey on Deep Learning for Plant Identification based on Leaf Image	Dr.B.Vijaya lakshmi	nternational Journal of Scientific Research in Engineering and Management (IJSREM)	Sept -2020	2582-3930	Volume: 04 Issue: 09	4.1.06	approved by UGC

5.	Plant leaf image detection method using a midpoint circle algorithm for shape based feature extraction	Vijaya Lakshmi B and Mohan V	Journal of Modern Applied Statistical Methods	June 2017	1538-9472	Vol. 16, No. 1		UGC CARE List
6.	Kernel based PSO and FRVM: An automatic plant leaf type detection using texture, shape and color features	Vijaya Lakshmi B and Mohan V	Elsevier : Computers and Electronics in Agriculture,	July 2016	0168-1699	Volume 125, Issue C, Pages 99–112,		UGC list
7.	Automatic contextual cropping and feature extraction for plant leaf recognition	Vijaya Lakshmi B and Mohan V	International Journal of Scientific Research Engineering & Technology	March 2015	2278-0882	Vol.4, Issue 3		UGC list

8.	Survey of gray level co-occurrence matrix techniques on image texture classification	Vijaya Lakshmi B and Mohan V	International Journal of Applied Engineering Research	Dec 2014	09734562	Volume9 , Number 22, PP. 16873-16884		UGC list
9.	Enhanced image texture feature extraction method using local tetra patterns for plant leaf classification system	Vijaya Lakshmi B and Mohan V	International Journal of Control Theory and Applications	Dec 2014	0974-5572	no. 2, pp. 109-119		
10.	A new shape feature extraction method for leaf image retrieval	Vijaya Lakshmi B	Springer- *Lecture Notes in Electrical Engineering – series*	2013	1876-1100 ISBN: 978-81-322-0996-6	Volume 1		UGC list

| 11. | Performance analysis of Image Denoising using Wavelet Thresholding Techniques" | Vijaya Lakshmi B, Mathirajan M | The journal of Computing (TJC) | September 2010 | 0976-6928 | Volume1, Issue 5, PP 1-10 | | |

Research Articles Published in Proceedings:

S.No	Name of the Author/Authors	Title of the Article	Title of the Conference/Seminar	International/ National /State level	ISBN Number	dt/mm/yr
1.	Vijaya Lakshmi B, Sowmya s	Blue Brain	National Seminar on Recent Trends in computer Applications	National Seminar	ISBN: 819294585-5	10/03/2016
2.	Vijaya Lakshmi B, Meenakshi V	Mobio- Mobile biometric Face and Speaker Authentication	National Seminar on Recent Trends in computer Applications	National Seminar	ISBN: 819294585-5	10/03/2016

3.	VijayaLakshmi B, Mathirajan M	Reduce Memory Requirements by handling Efficient move only in haar Transform	Third IEEE International conference on Signal & image Processing	International	978-1-4244-8595-6	15th -17th December-2010

Paper presented in Conference/Seminar:

S.No	Title of the Paper	International/National /State level	Title of the Conference	Institution/College Name	dt/mm/yr
1.	Enhanced Image Classification Method based on Integrated Shape and Texture Features to Plant Leaf Identification System	International	International Conference on Innovations in Engineering and Technology (ICIET) –	K.L.N.College of Engineering	6th & 7th April -2016
2.	An Enhanced Texture Feature Extraction Method for plant leaf Identification using LBP and LTP	International	International Conference On Emerging Trends In Engineering And Technology (ICETET'14)	Pandian saraswathi yadav engineering college	7&8th Mar-2014

3.	A New shape Feature Extraction Method for Leaf Image Retrieval	International	4th international conference on Signal and image Processing	Dr.N.G.P.Institute of Technology, Coimbatore	13-15 Dec 2012
4.	Dynamic population resizing using Evolutionary algorithm	International	International Conference on systemics,Cybernetics and informatics	Pentagram Research Centre pvt,Ltd, hyderabad	January 02-05,2008
5.	Effective Population size changing with Evolutionary algorithm	National	National Conference on Computer Science and Applications	Mepco Schlenk Engineering College,	12.3.2008
6.	Dynamic population sizing in Genetic Algorithm	National	National Level Conference on "Recent Trends in IT"	KGiSL Institute of Information Management	15.2.2008
7.	The Proposal for a Dynamic population sizing from static population	National	National Conference on Computer Intelligence and image Processing	Ayya Nadar Janaki Ammal College	7.1.2008

Detail of Patents:

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/ Country	Status
		Nil				

Detail of Project:

S.No	Project Title	Name of Applicant(s)	Status	Amount	Agency	Year
		Nil				

(IV) OTHER EXPERIENCE:

Professional Recognition/ Award/ Prize/ Certificate, Fellowship received:

S.No	Name of Award	Awarding Agency	Year
1.	NPTEL Certificate	Effective Engineering Teaching in practice	Jan-feb-2019(4 week course)
2.	NPTEL Certificate	Introduction to Programming in C	Aug-oct2018, (8 week course)
3.	IBM certificate	Associate Developer- Rational Application Developer for WebSphere Software V6.0	15-10-2009
4.	UNIVOSS certificate	LAMP Professional course	10-7-2010

Membership in Academic/Professional Bodies:

S.No	Name of the Body	Capacity
	NII	

FDP/Workshop Attended (other than MTNC):

S.No	International/National / State Level	Title of the Programme/Course	Name of the Institution/University	dt/mm/yr
1.	National Seminar	Digital India: Initiative to become Developed India	Department of Commerce(Corporate Secretaryship), ayya Nadar Janaki Ammal College, Sivakasi	22-9-2022 & 23-9-2022
2.	Course	Introduction to Soft Skills	TCS Ion,Tata Consultancy Services	16-2-2022 to 17-2-2022
3.	Webinar	Innovative Library Services	Bhavan's Vivekananda College of Science , Humanities & commerce, Master Soft ERP	12-11-2020
4.	National Level webinar	National Education Policy : Moving Towards Implementation	Faculty Research cell, Jain School of Commerce, Bengaluru	10-11-2020
5.	National Level webinar	E-Learning Video Creation and online Assessment Tools	Arulmigupalaniandavar Arts College for Women	16-06-2020

6.	National Level webinar	Webinar on Encouraging Learners Engaging in Remote learning	Department of computer Science, Pervathy's Arts and science College	13-06-2020
7.	State Level	Digital Marketing	Elysium technologies, Madurai	29-12-2019
8.	State Level	TEQIP III Sponsored Three days' Workshop on "Enabling High Performance Computing in Cloud	Dept of CSS, Thiagarajar College of Engineering	13-6-2018 to 15-6-2018
9.	State Level	TEQIP III Sponsored Three days' Workshop on "Enabling High Performance Computing in Cloud	Dept of CSS, Thiagarajar College of Engineering	13-6-2018 to 15-6-2018
10.	State Level	NS- 3 Simulation and Emulation	CSE/ K.L.N.C.E	29-12-2016 & 30-12-16
11.	State Level	Intellectual Property Rights and Innovations	QC-ARD, K.L.N.College of Engineering	4-3-2016
12.	State Level	Software Testing Tools	CSE & IT Depart / Latha Mathavan Engineering College	29-6-2015
13.	State Level	MANUSH 2014 HUMAN RESOURCE MEET	IIPC / KLNCE	13-9-2014

14.	State Level	Secured Computer Network Design	CSE dept/ KLNCE	25-10-2013 & 26-1-2013
15.	State Level	Technical Document reparation Using LaTex	MCA/ M.Kumarasamy college of Engineering/Karur	30-8-2013 & 31-8-2013
16.	State Level	Recent Trends and Research Challenges in Business Analytics and Optimization- TEQIP ponsored	MCA Dept/ Thiagarajar College of Engineering	13-08-2013
17.	State Level	Recent Trends and Research Challenges in Business Intelligence	MCA Dept/ Thiagarajar College of Engineering	29-11-2012
18.	State Level	Research issues in Bio image Processing	Dept of EIE,KLNCE	24-2-2012 & 25-2-2012
19.	State Level	Wavelet & Sparse Signal Representation- Research Focus	Depart of IT, TCE, Madurai	30-9-2011 & 1-10-2011
20.	State Level	National Workshop on Biomedical Signal and Image Processing	Depart of ECE and Center for Medical Electronics, Anna University, Chennai	23-9-2010 & 24-9-2010
21.	State Level	Operations Research And Its Engineering Applications ions	Depart of EEE, K.L.N.College of Engineering, Pottapalayam	2-9-2010 & 3-9-2010

22.	State Level	One Day National Seminar on Managing e-Resources	Library of K.L.N.College of Engineering, Pottapalayam	24-7-2010
23.	State Level	Image Processing Using IDL	VIT University, Vellore	7-1-2009 to 9-1-2009
24.	State Level	Theory of Computing	Thiagarajar College of Engineering,Madurai-15	26-9-2009
25.	State Level	Research Issues in Image Processing & Applications	PSNA College of Engineering& Technology, Dindigul	5-3-2009 & 6-3-2009
26.	State Level	Multicore Architecture-Opportunities and challenges	Thiagarajar College of Engineering,Madurai-15	27-07-2007
27.	State Level	UGC Spomsored State Level Workshop on" Recent Trends on Feed-Forward Neural Networks-Back Propagation Alogorithms"	V.H.N.Senthikumara Nadar College,Virudhunagar	22-02-2007 & 23-02-2007

Positions held at our college (MTNC):

S.No	Name of position	From	To
1	Assistant Professor	01-06-2019	till

Workshop/Conference/FDP Attended in MTNC:

S.No	International/National/ State Level	Title of the Workshop/Conference	Name of the Institution/University	Month and Year
1.	International Seminar	Recent Trends in Computing Intelligence	CSE, MannarThirumalaiNaickercollege,Madurai	24-03-2023
2.	Faculty Enhancement Program	Insights of National Education Policy	IQAC,MannarThirumalaiNaickercollege,Madurai	18-03-2023
3.	Investor Awareness Program	Fundamentals of Share Trading in Securities Market	PG Department of Commerce with Computer Applications	
4.	State Level Workshop	Digital Marketing	Department Commerce (CA) ,MannarThirumalaiNaickercollege,Madurai	15-02-2023
5.	National level workshop	Digital Transformation in management	Department of Business Administration, MannarThirumalaiNaickercollege,Madurai	24-01-2023
6.	Faculty Research Program	Dynamic of Research Publications	Internal Quality assurance cell, MannarThirumalaiNaickercollege,Madurai	15-9-2-22 & 16-9-2-22
7.	Faculty enhancement Program	Education 4.0 for sustainable Economic Development	IQAC,MannarThirumalaiNaickercollege,Madurai	27-4-2022
8.	Faculty Development Program	Enhancing quality by unearthing innovative practices-EQUIP 2022	IQAC,MannarThirumalaiNaickercollege,Madurai	18-4-2022 to 24-4-2022
9.	Power Webinar	Technological Innovation and Artificial Intelligence	Departments of Computer Science, Information Technology and Computer Applications	6-4-2022

10.	National Webinar	National Webinar 2021 entitled "Biodiversity: Life Insurance for Our Changing World"	Eco-Club of Mannar Thirumalai Naicker College (Autonomous), Pasumalai, Madurai	26-5-21
11.	International Webniar	International Webniar On" Outcome Based Education & Its Impact In Teaching Assessment And Evaluation	Mannar Thirumalai Naicker College	10-6-2020
12.	National Faculty Enrichment Program	National Faculty Enrichment Program	Mannar Thirumalai Naicker College	13-5-2020 to 19-5-2020
13.	State Level	Art of writing Research Paper	Department of commerce(SF) and the department of commerce with computer Applications, MannarThirumalaiNaickercollege,Madurai	08-07-2020
14.	International	Outcome Based education & its Impact in Teaching, Assessment and Evaluation	MannarThirumalaiNaickercollege,Madurai	10-06-2020
15.	State Level	21st Century Skills	IQAC,Mannar Thirumalai Naicker college,Madurai	5-3-2020
16.	State Level	Quality Assurance And Sustenance in higher Education	IQAC,Mannar Thirumalai Naicker college,Madurai	11-3-2020
17.	State Level	E-content Development and Digital tools usage	IQAC,Mannar Thirumalai Naicker college,Madurai	29-2-2020
18.	State Level	Algorithmic Thinking and Problem Solving	CS dept, Mannar Thirumalai Naicker college,Madurai	23-1-2020

Honour as Invited Guest/ Speaker

S.No	Place	Date	Title	Type of Program	Department &Place
1.	External	21-4-2022	Cloud Computing	Seminar on Cloud Computing	Senthamarai College of Arts and Science
2.	External	21.07.2017	MATLAB	Seminar on " MATLAB"	B.Sc Computer science Department, P.K.N Arts & Science College Tirumangalam
3.	External	06-07-2016	HTML, HTML,JAVA SCRIPT, VB SCRIPT	workshop on "Internet Computing	department of CSE , Alagappa Chettiar College of Engineering & Technology , Karaikudi Sponsored by TEQIP II
4.	Internal	19.12.2014	Open Source Tools	Anna university Sponsored Faculty Development Training programme on Object Oriented Analysis and Design	Department of CSE of KLNCE
5.	External	05-02-2014	MATLAB	A Practical approach to Image Processing and Its Issues Using MATLAB	department of M.C.A, sourashtra college
6.	Internal	01.10.2013	Web Technologies	Short term Course https://www.klnce.edu/Departments/PG/Mca.aspx	Department of M.C.A, K.L.N.C.E

7.	Internal	29-06-2012	Enterprise Java Bean	FDP on Middleware Technologies	Department of M.C.A, K.L.N.C.E
8.	External	27-03-2012	XML and web services using SOAP	National Level workshop on XML and Web Services	Department of IT, Trichy Engineering College
9.	External	08-09-2010	Distributed Application using J2EE	FDP on Web Technology	Department of Computer Science , Sourashtra college
10.	Internal	04-12-2009	Client Server Architecture of Business Intelligence	FDP on Business Intelligence and XML Applications Development	Department of CSE of KLNCE.