

CURRICULUMVITAE

PERSONAL INFORMATION:

Name	Mrs. S. AMUTHA	
Designation	Assistant Professor	
Department	Computer Science	
E-Mail ID	samuthamadurai@gmail.com , samutha_75@rediffmail.com	
Contact No	9442750538	
Date of Birth	09.04.1974	
Date of Appointment	03.07.2006	
Gender	Female	
Address	No.83, Jai Nagar 3 rd Main Road, Ponmeni, Madurai-625016	

Academic Qualification:

S.No.	Degree	Year of Passing	Subject	Name of the Institution/University
1	B.Com	1994	Commerce	Vidyasagar College of Arts and Science, Udumalpet, Bharathiar University
2	M.C.A	1997	Computer Science	Alamelu Angappan College for Women, Komarapalayam, Madras University
3	M.Phil.,	2002	Computer Science	Manonmaniam Sundaranar University, Tirunelveli

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 dd/mm/yr (vivavocated as per Syndicate communication)
1	Disease Survival and Disease Risk Severity Prediction using Artificial Intelligence	Artificial Intelligence	Bharathidasan University, Trichy	Pursuing

TEACHING EXPERIENCE:

S.No.	Position held	Name of the Institution	Designation	From	To
1	Teaching	Sengunthar College of Arts and Science	Lecturer	01/09/1997	31/05/1998

2	Teaching	VidyasagarCollegeofArtsandScience	Lecturer	01/07/1998	26/11/2001
3	Teaching	MaduraiSivakasiNadarsPioneerMeenakshiWomen's College, Poovanthi	Lecturer	05/12/2005	23/06/2006
4	Teaching	MannarThirumalaiNaickerCollege, Madurai	AssistantProfessor	03/07/2006	Tilldate

Orientation/RefresherCourseAttended:

S.No	Orientation/RefresherCourse	Theme	NameoftheInstitution/University	Month andYear
1	Orientation	General	Bharathiar University, Coimbatore	28.05.1999 to 24.06.1999

FacultyDevelopmentProgramme/ShortTermCourseattended:

S.No	Faculty Development Programme/Short Term Course	TitleoftheProgramme /Course	NameoftheInstitution/ University	Month andYear
1	Faculty Development Programme	“Certificate in .NET Programming”	ICTACT & Thiagarajar School of Management, Madurai.	From 19.04.2012 to 26.04.2012
2	Faculty Development Programme	“FREE AND OPEN SOURCES OF SOFTWARE”	Thiagarajar College of Engineering, Madurai.	29.08.2015
3	Faculty Development Programme	“Introduction to PHP Programming”	ICTACT & KLN College of Engineering, Madurai.	22.12.2015 and 23.12.2015
4	Faculty Development Programme	“SOFTWARE SAFETY AND SECURITY”	Thiagarajar College of Engineering, Madurai.	9.09.2016
5	Faculty Development Programme	Machine Learning Techniques	Mother Teresa Women's University, Kodaikanal.	03.12.2019 and 04.12.2019
6	National level FDP	2 weeks FDP on “Managing Online Classes and Co-Creating MOOCs”	Ramanujan College, University of Delhi, Sponsored by MHRD	20.04.2020 to 06.05.2020
7	International level FDP	“Current Technologies in IT Industries”	Nallamuthu Gounder Mahalingam College, Pollachi	14.05.2020 to 18.05.2020

8	Statelevel FDP	“SoftwareProjectManagementusingArtificialIntelligence”	TheAmericanCollege, Madurai	14.05.2020and 15.05.2020
9	Statelevel FDP	FivedaysFDP on“DataScienceusingPython”	KonguEngineeringCollege, Erode	20.05.2020to25.05.2020
10	NationallevelFDP	“DataScience–ResearchOpportunities”	SriRamakrishnaCollege of Arts and Science, Coimbatore	21.05.2020
11	InternationallevelFDP	SevenDaysFDPon“NewParadigmsofTeaching”	NallamuthuGounder MahalingamCollege, Pollachi	22.05.2020to29.05.2020
12	NationallevelFDP	OneweekonlineFDPon“ArtificialIntelligence”	PVKK Vardhaman College of Engineering in collaboration with Brain Ovision Solutions Pvt .LTd.	22.05.2020to26.05.2020
13	NationallevelFDP	RDBMSPostgreSQL	SonaCollegeof Technology in association with SpokenTutorial, IIT Bombay funded by	23.05.2020
14	NationallevelFDP	“AIbasedProctoringinNextGenerationEducation”	SHASUNJainCollege for Women	23.05.2020
15	NationallevelFDP	FivedaysFDPOrganized and participated on “Moodle Learning Management System”	Government Arts College for Women, Salem	02.06.2020 to 06.06.2020
16	NationallevelFDP	FivedaysFDPOrganized and participated on “Moodle Learning Management System”	MannarThirumalaiNaickerCollege in association with Spoken Tutorial, IIT Bombay funded by MHRD	06.06.2020to10.06.2020
17	NationallevelFDP	OneweekFDP on“OpenSourceTools forResearch”	RamanujanCollege, University of Delhi, Sponsored by MHRD	08.06.2020to14.06.2020
18	International levelCourse	E-ShodhSindhuWeb of Science Certification Series– 5 sessions	ClarivateShodhSindhu, South and South East Asia	15.06.2020
19	NationallevelFDP	“PracticalApproachforDataScience”	RNGPIT in association with CSI andSSIP	22.06.2020to27.06.2020
20	National levelBooklaunch	VirtualBookLaunch of “Future of Higher Education– Nine Mega Trends”	ICT Academy	30.06.2020
21	NationallevelFDP	FDPon“TherPowerofRouting Protocols: CISCO PacketTracer”	Gobi Arts & Science College, Gobichettipalayam, Tamil Nadu	01.07.2020to03.07.2020

22	National level FDP	E-Content Development and Deployment – TECH Tricks for Teachers	Thassim Beevi Kader College for Women, Kilakarai, Ramanathapuram	01.07.2020 to 03.07.2020
23	International level FDP	“Data Science Prerequisites”	The Standard Fireworks Rajaratnam College for Women, Sivakasi	15.07.2020 to 18.07.2020
24	National level FDP	Recent Computing Technologies	Vel Tech Multi Tech, Chennai	30.11.2020 to 04.12.2020
25	National level FDP	Emotional Intelligence	ICT Academy, Chennai	23.02.2021 to 27.02.2021
26	State level FDP	Recent Research Directions in Applying Deep Learning for Health Informatics	Arulmigu Kalasalingam College of Arts and Science, Krishnankoil	19.05.2021
27	State level FDP	Fundamentals of Artificial Intelligence	ICT Academy, Chennai	14.06.2021 to 18.06.2021
28	State level FDP	Introduction to Machine Learning	Indira Gandhi Delhi Technical University for Women	21.06.2021 to 25.06.2021
29	State level FDP	Recent Advancements of ML in Terms of AI and IoT	SRM Institute of Science and Technology, Chennai	12.07.2021 to 25.07.2021

RESEARCH EXPERIENCE: Research Articles Published in Proceedings:

S.No	Name of the Author/Authors	Title of the Article	Title of the Conference/Seminar	ISBN Number	Month and Year
1	S. Amutha	An Overview of Software Testing Methods	National Conference on Innovative Trends in Computing & Technology	978-93-80686-03-5	25.02.2015
2	S. Amutha	Departure based Healthcare Insurance Fraud Detection using Data Mining Techniques	National Level Seminar on “A Digital Transformation Entrepreneur & Infopreneur 2K20”	ISSN 2347-6648	Volume IX, Issue III, MARCH-2020

3	Dr.M.Lalli S.Amutha	APPLICATION OF ARTIFICIAL INTELLIGENCE IN HEALTHCARE INDUSTRY	Journal of the Maharaja Sayajirao University of Baroda	ISSN: 0025-0422	Volume-54, No.2 (VI) 2020 222
4	Dr.M.Lalli S.Amutha	Applications of Deep Learning and Machine Learning in Healthcare Domain – A Literature Review	International Journal of Electrical Engineering and Technology (IJEET)	ISSN Print: 0976-6545 and ISSN Online: 0976- 6553	Volume 11, Issue 8, October 2020 Pages 113- 126

Paper presented in Conference/Seminar:

S.No	Title of the Paper	International/National /State level	Title of the Conference	Institution/College Name	Month and Year
1	“Introduction to Trends and Techniques in Data Mining”	National	National Level Seminar	SRNM College, Sattur	27.01.2011
2	“An Overview of Software Testing Methods”	National	National Conference on Innovative Trends in Computing & Technology	Arul Anandar College, Karumattur, Madurai	25.02.2015
3	“Big Data Assisted Bio-Medical Information using Map Reduce Framework”	National	National Conference on Computing Trends and Technologies	Subramanya college of Arts and Science, Palani	09.03.2017
4	Departure Based Health Care Insurance Fraud Detecting Using Data Mining Techniques	National	National Level Seminar on “A Digital Transformation Entrepreneur & Information Entrepreneur 2K20”	Mannar Thirumalai Naicker College, Madurai	24.01.2020

Details of Project:

S.No	Project Title	Name of Applicant(s)	Status	Amount	Agency	Year
1	Enhance learning Experience and Enable Remote, Real-Time Expert Advice in Farming using Virtual Reality	S.Amutha	completed	Rs.25,000	Mannar Thirumalai Naicker College, Madurai	2018-19 One year

OTHER EXPERIENCE:

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

S.No	Name of Award	Awarding Agency	Year
1	Appreciation for spreading awareness and holding Software Training Workshops	Spoken Tutorial, IIT Bombay	2018 & 2019

Workshop/Conference/Seminar:

S.No	International/National/State Level	Title of the Programme/Course	Name of the Institution/University	Month and Year
1	State level seminar	"Wireless Network and VOIP"	Micro village, Madurai	02.08.2008
2	National level seminar	"Web Engineering"	Sri Meenakshi Government College for Women, Madurai	10.03.2010
3	National level seminar	"Research Issues in Computer"	Sri Meenakshi Government College for Women, Madurai	08.01.2011
4	State level seminar	"Web Applications"	The Madura College, Madurai	28.02.2011
5	State level seminar	"Free Open-Source Software"	Sourashtra college, Madurai	26.12.2011
6	State level seminar	"Data Networks"	The Madura College, Madurai	14.03.2013
7	State level seminar	"Imminent Trends in Advanced Computing and Technology"	Senthamarai College of Arts and Science, Madurai	13.04.2013
8	State level seminar	"Applied Data Mining"	Sri Meenakshi Government College for Women, Madurai	20.01.2015
9	State level seminar	"Industrial Perspective of Software"	Mangayarkarasi College of Arts and Science for women,	31.01.2015
10	National Conference	"Innovative Trends in Computing &"	Arul Anandar College, Madurai	25.02.2015
11	National Conference	"Walk on Soft Computing"	Mangayarkarasi College of Arts and Science for women,	30.01.2016
12	State level workshop	MOOCs through SWAYAM		19.11.2018
13	International Seminar	"Big data Analytics"	Madurai Kamaraj University, Madurai	21.02.2019
14	National level workshop	Python	IIT Bombay & Thiagarajar College of Engineering, Madurai.	22.06.2019

15	International Seminar	“Artificial Intelligence”	Madurai Kamaraj University, Madurai	23.09.2019
16	International Seminar	“Big Data Analytics and Applications”	Mother Teresa Women’s University, Kodaikanal	25.11.2019
18	State level webinar	“Online Teaching and Learning”	G. T. N Arts College, Dindigul	09.05.2020
19	State level webinar	“Machine Learning Algorithms, Applications and Trends”	SHASUN Jain College for Women, Chennai	10.05.2020
20	State level webinar	“Assessment and Evaluation in Outcome Based Education”	G. T. N Arts college, Dindigul	11.05.2020
21	State level webinar	“Artificial Intelligence”	G. T. N Arts college, Dindigul	13.05.2020
22	State level webinar	“Artificial Intelligence and its Applications”	Shri Krishna Swamy College for Women, Chennai	13.05.2020
31	National level webinar	“Recent Trends and Research Opportunities in 5G & Beyond”	SRM Institute and Technology, Chennai	25.05.2020 to 27.05.2020
33	State level webinar	“Change is the Essence of Life”	ICT Academy, Chennai	25.05.2020
34	State level webinar	“Emotional Intelligence”	G. T. N Arts college, Dindigul	26.05.2020
35	National level webinar	“IoT and Its Application”	SLS. MA VMM. Arya Vaisyar College	27.05.2020
35	National level webinar	“Transformational Mindset – Innovating Minds for Success”	Ramanujan College, University of Delhi	01.06.2020
36	International level webinar	“Do you have a Purpose”	G. T. N Arts college, Dindigul	01.06.2020
37	International level webinar	“Blockchain Network in IoT Applications”	Ayya Nadar Janaki Ammal College, Sivakasi	04.06.2020
38	International level webinar	“Protecting Endangered Species”	G. T. N Arts College, Dindigul	05.06.2020
39	International level FDP	“Artificial Intelligence and Machine Learning”	Baba Farid College, Bathinda	07.07.2020 and 08.07.2020
40	National level workshop	E-Workshop on “Understanding OBS studio & Streamyard for E-Content”	Dr. M. G. R Educational and Research Institute, Chennai	10.07.2020 and 11.07.2020
41	National level webinar	“Conceptual View of Machine Learning & Deep Learning”	Madurai Kamaraj University, Madurai	13.07.2020 and 14.07.2020

42	National level webinar	“Linear Regression Model in Machine Learning”	Sri Eshwar College of Engineering, Coimbatore	14.07.2020
43	State level webinar	“Edge Intelligence”	Madurai Sivakasi Nadars Pioneer Meenakshi Women’s College, Poovanthi	20.07.2020
44	National level seminar	Writing and Publishing Scientific Research Articles in SCI Journals	Muthayammal Engineering College, Namakkal	06.11.2020
45	National level webinar	NAAC Reaccreditation Process During Post Covid Scenario	Yadava College, Madurai	10.11.2020
46	International Webinar	Cognitive Cyber Security	Raja Doraisingam Govt Arts College, Sivaganga	11.12.2020
47	National level webinar	Implementation of Academic bank of credits	Guru Angad Dev Teaching Learning Centre, University of Delhi	10.07.2021
48	National level webinar	Artificial Intelligence and Machine Learning using Python	Thassim Beevi Abdul Kader College for Women, Kilakarai, Ramanathapuram	06.07.2021

Positionsheldatourcollege(MTNC):

S.No	Nameofposition	From	To
1	Coordinator,IITSpokenTutorial	2016	Tilldate
2	MemberinDatacompilationandInterpretation-IQAC	2017	2018
3	MemberinAlumniCommittee	2016	Tilldate

Workshop/Conference/Seminar/FDPAttendedinMTNC:

S.No	International/National/StateLevel	TitleoftheWorkshop/Conference/Seminar	NameoftheInstitution/University	MonthandYear
1	Nationallevelworkshop	"AndroidApplicationDevelopment"	MannarThirumalaiNaicker College,Madurai	28.02.2017
2	Statelevelseminar	"BigDataAnalytics"	MannarThirumalaiNaicker College,Madurai	24.03.2017
3	Statelevelworkshop	"TechnicalitiesofWriting ResearchProposal"	MannarThirumalaiNaicker College,Madurai	29.06.2018
4	Statelevelworkshop	"E-LearningandE-Content"	MannarThirumalaiNaicker College,Madurai.	04.03.2017
5	Statelevelworkshop	"OnlineTeaching, LearningandAssessmentusing Moodle,MOOCplatform,OpenEducational Resources&Education Technology Tools"	MannarThirumalaiNaicker College,Madurai.	23.10.2017 &24.10.2017
6	Statelevelworkshop	"TechnicalitiesofWriting ResearchProposal"	MannarThirumalaiNaicker College,Madurai	29.06.2018
7	Statelevelworkshop	"TEAMBUILDING"	ICTACT&MannarThirumalaiNaickerCollege,Madurai.	20.07.108&21.07.2018
8	Statelevelworkshop	Intellectual property rights, skill developmentprogrammes,Innovations,Patentsandsettingupincubationcentres	MannarThirumalaiNaicker College,Madurai.	22.01.2019

9	Statelevelworkshop	OnewhocanDo,Teachers! Howtodo?Whattodo?	MannarThirumalaiNaicker College,Madurai.	08.03.2019
10	Statelevelworkshop	OnedayTrainingandProduc tiononWorksopofOutcome BasedEducation	ThirumalaiNaickerCollege,	09.03.2019
11	Statelevelworkshop	CapacityBuildingProgram meonOutcomeBasedEduca tion	ThirumalaiNaickerCollege,	28.08.2019
12	Statelevelworkshop	ResearchWriting andPublications:Theoryand Practice	ThirumalaiNaickerCollege,	19.10.2019
13	Internationalworkshop	AlgorithmicThinkingandPr oblemSolving	ThirumalaiNaickerCollege,	23.01.2020
14	NationallevelFDP	“OnlineFacultyEnrichment Programme”	ThirumalaiNaickerCollege,	13.05.2020to 19.05.2020
15	NationallevelFDP	FivedaysFDPOrganized andparticipatedon“Moodle LearningManagementSyste m”	Thirumalai Naicker College ationwithSpokenTutorial,IIT funded by MHRD	06.06.2020to 10.06.2020
16	NationalLevelwebinar	“IntroductiontoDataScienc e”	ThirumalaiNaickerCollege,	11.06.2020
17	StatelevelWebinar	“EntrepreneurshipTraining WebinaronHandmadeface mask making”	ThirumalaiNaickerCollege,	18.06.2020
18	Statelevelwebinar	“ArtofwritingResearchPap er”	ThirumalaiNaickerCollege,	08.07.2020
19	NationalLevelwebinar	Biodiversity: Life Insurance for our Changing World	ThirumalaiNaickerCollege,	26.05.2021

E-QuizAttended:

S.No	International/ National/State Level	TitleoftheProgramme/Course	NameoftheInstitution/Unive rsity	Date/Dates
------	---	----------------------------	-------------------------------------	------------

1	Nationallevel	COVID–19PandemicGeneralAwarenessQuiz	ChandigarhGroupofColleges ,Mohali	10.04.2020
2	Nationallevel	E-QuizonCyberSecurity	K.S.RCollegeofArts andScienceforWomen	09.05.2020
3	Nationallevel	E-Quizon“NetworkSecurity”	GovernmentArtsCollegeforWomen,Pudukkottai	29.05.2020
4	Statelevel	E-Quizon“ArtificialIntelligence”	YadavaCollege,Madurai	29.05.2020
5	Statelevel	E-Quizon“WorldEnvironmentDay 2020”	MannarThirumalaiNaickercollege,Madurai	05.06.2020
6	Statelevel	E-Quizon“NETBITS”onComputerNetworks	MannarThirumalaiNaickercollege,Madurai	07.06.2020
7	State level	UGC- NET SET paper 1	Sri Krishnasamy Arts and Science College	06.07.2021
8	State level	E-Quiz on Basic Statistics	Sakthi College of Arts and Science for Women	18.06.2021

ParticipatedasResourceperson/Judge:

S.No	Position	Title	Date	Place
1	Resourceperson	“IITSpokenTutorial”	08.03.2017	Dr.ZahirHusainCollege,Sivagangai.
2	Judge	“SCIARTEXPO2018”	04.10.2018	Mangayarkarasi College of Arts and Sciencefor women, Madurai.
3	Judge – Art from waste & Floralarrangement	SANGAMAM‘19	16.12.2019	Thiagarajar College of Arts and Science,Madurai.
4	Resource person	Innovative Insights into Machine Learning and Its Applications	28.05.2021	Sermathai Vasan College for Women, Madurai

Online Test Attended:

S.No.	Date	Subject Name	Conducted by
1	21.08.2017	Libre Office Suite - Writer	IIT Spoken Tutorial, Mumbai
2	21.08.2017	Libre Office Suite - Calc	IIT Spoken Tutorial, Mumbai
3	17.09.2018	Java	IIT Spoken Tutorial, Mumbai
4	04.03.2021	PHP & MySQL	IIT Spoken Tutorial, Mumbai

Seminars/WorkshopsOrganized:

S.No	Position	Title	Date	Participants
1	Organizer	IntercollegiateMeet“OLYMPUS 2009”	30.03.2009	Studentsfrom8colleges
2	Organizer	Faculty Awareness Programme on“SpokenTutorialSoftwareProgram– TakingITTrainingtoColleges”	30.12.2016	Facultymembersfrom14 colleges
3	Coordinator	"AndroidApplicationDevelopment”	28.02.2017	B.Sc(CS),B.Sc(IT), BCA,B.Com(CA), M.Sc(CS),M.Com(CA) Students fromMTN college
4	Organizer	FacultyDevelopmentProgrammeon“Libre Office”	11.07.2017	103Facultymembers -MTNcollege
5	Organizer	FacultyTrainingProgrammeon“LibreOffice”	22.08.2017to 24.08.2017	103Facultymembers -MTNcollege
6	Organizer	Cluster College Workshop on “PracticalDemonstrationof TrainingandProcessonIITSpoken Tutorial”	08.02.2018	10Facultymembersfrom 5colleges
7	Organizer	StateLevel WorksoponEntrepreneurshipOpportunities in IoT	13.02.2020	250FacultyandStudentsfrom inandaroundMadurai
8	Organizer	Alumni Interaction Programme	25.02.2020	III CS, IT, BCA and II MSc students participated
9	Organizer	InternationallevelFDPfrom06.06.2020to10.06.2020 on “Moodle LearningManagement System in association withIITspoken Tutorial, Mumbai	06.06.2020to 10.06.2020	227participantsfromvariouscolleges
10	Organizer	FOSS course (Free Open-Source Software) – PHP & MySQL	Demo classes (27.01.2021 to 02.02.2021) Online test 03.03.21 and 04.03.21	18 faculty members and 222 students from CS Department, MTNC, Madurai
11	Organizer	National level seminar on Recent Trends in IT	15.03.2021	180 students and 19 faculty members from CS department, MTNC, Madurai
12	Coordinator	GL on Advanced Concepts in Python (Machine Learning and Deep Learning)	14.12.21	III B.C.A & III IT Students (30+40)

