DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING

Name of the Faculty	DR PACHHAIAMMAL ALIAS PRIYA M
Gender	Female
DOB	15.04.1982
Qualification	B.TECH, M.TECH, Ph.D
Designation	ASSOCIATE PROFESSOR/HEAD
Date of Joining	7.6.2010
UG Degree Completion	2003
UG- Name of the University	PONDICHERRY UNIVERSITY
PG Degree Completion	2010
PG-Name of the University	PONDICHERRY UNIVERSITY
Area of Specialization	UG: B. TECH. CSE PG: M.TECH-CSE-INFORMATION SECURITY PHD MACHINE LEARNING
PhD - Yet to be Registered	-
PhD Pursuing	-
PhD Completion	YES 24.10.2019
Phd– Name of the University	ANNA UNIVERISTY, CHENNAI

PhD Specialization	MACHINE LEARNING
Research Interested area	IMAGE PROCESSING,MACHINE LEARNING
Courses Taught in UG / PG Level	DATA STRUCTURES COMPILER DESIGN COMPUTER ARCHITECTURE Grid and Cloud Computing Cloud Computing Cryptography and Network Security Object Oriented Analysis and Design Object Oriented Programming Mobile Computing Programming in C DATA SCIENCE MACHINE LEARNING ADVANCED DATA STRCUTURES AND ALGORITHMS SOFTWARE ENGINEERING SOFTWARE TESTING

Experience	**Teaching**	**17.5** 1. Sri Sairam Institute of Technology [7.6.2010 -Till Date] 2. ADHIPARASAKTHI ENGINEERING COLLEGE, Dept of IT [21.11.2007 – 18.08.2008] 3. IFET COLLEGE OF ENGINEERING AND TECHNOLOGY, Dept of CSE [2.01.2004 – 24.10.2007]
	Research	6 YEARS
	Industry	NA
	Others	-

Atte nded	Workshop	- Attended a TECH workshop on REDHAT(OPEN SOURCE) TECHNOLOGY & INDUSTRY ADAPTATION held on 2nd March 2018 conducted by Department of CSE in association with Redhat Linux and AdvantagePro - National Workshop on QUANTUM COMPUTATION AND CRYPTOGRAPHY organized by Department of CSE on 23.1.18 &24.1.2018 - Attended a workshop on "Scope for R&D projects and Proposal Preparation" at the Centre for Technology Development and Transfer, Anna University Chennai on 12th May 2017 - One day Workshop on "How to write a research paper for refereed journals" at Sri Sairam Institute of Technology on 24th January 2015 FDP

	Conferences	Presented A Paper "PROACTIVE DISASTER DETECTION" In The National Conference On Information And Communication Engineering (NICE '19) Organized By Sri Sairam Institute Of Technology On 21.3.2019
		2. Presented A Paper "PREDICTING THE CUSTOMER BEHAVIOR THROUGH WEB PAGE AND CONTENT MINING TECHNIQUES" In The IEEE Technically Sponsored International Conference On Communication, Computing & Internet Of Things Organized By Department Of ECE, Sri Sairam Engineering College From15.2.2018 To 17.2.2018
		3. Presented A Paper "AUTOMATED TRANSPORTATION FOR DEAF-BLIND PEOPLE" In The IEEE Technically Sponsored International Conference On Communication, Computing & Internet Of Things Organized By Department Of ECE, Sri Sairam Engineering College From15.2.2018 To 17.2.2018
		4. Presented A Paper "FLOOD DAMAGE ANALYSIS USING MODERN DATA MINING TECHNIQUE" In The National Conference On Information And Communication Engineering (NICE '18) Organized By Sri Sairam Institute Of Technology On 18.4.2018
		5. Presented A Paper "SMART ASSISTANT FOR BLIND PEOPLE FOR OBJECT DETECTION" In The National Conference On Information And Communication Engineering (NICE '17) Organized By Sri Sairam Institute Of Technology On 21.4.2017
		6. "ANALYSIS OF PULMONARY NODULE IMAGES FOR DETECTING LUNG CANCER USING RANDOM FOREST TECHNIQUE" In The National Conference On Information And Communication Engineering (NICE '17)

Organized By Sri Sairam Institute Of Technology On 21.4.2017

7. "GLOW SHIELD USING BRIGHT PASS TO IMPROVE SECURITY IN MOBILE SOCIAL ACCESS NETWORKS" In The National Conference On Information And Communication Engineering (NICE '17) Organized By Sri Sairam Institute Of Technology On 21.4.2017

8. National Conference On Recent Enhancement In Advanced Computing Technologies (NC-REACT'16) -"Effectiveness Of Utility Based Services For Indian Railways Using Android" At RRASE College Of Engineering On2.4.2016

9. First International Conference On Computing And Information Technology(ICCIT'15) - "Analysis Methods And Mining Of Brain Functional Connectivity For Detection Of Brain Disorders" At Sri Sairam Institute Of Technology On 13.8.2015 & 14.8.2015

10. First International Conference On Computing And Information Technology (ICCIT'15) - "Analysing Stem Cells Using Transformed Stem Cell Algorithm" At Sri Sairam Institute Of Technology On 13.8.2015 &14.8.2015

11. First International Conference On Computing And Information Technology (ICCIT'15)- "Web Content Mining Based Relevant Text Data Extraction" At Sri Sairam Institute Of Technology On 13.8.2015 & 14.8.2015

12. International Conference On Emerging Trends In Engineering Research"-Exploring The Interactions And Connectivity Among The Brain Regions ForIdentification Of Brain Disorders" At Vels University On 24.4.2015 &25.4.2015

13. National Conference On Recent Enhancement In Advanced ComputingTechnologies (NC-REACT'15) -"Data

| | | Hiding In Multiple Frames UsingBase64 Encoding" At RRASE College Of Engineering On 27.3.2015 |
| | | 14. National Conference- Autonomous Brain Tumor Detection Using Clustering Techniques At SRM University, Chennai ON 17.2.14 & 18.2.2014 |

FDP		• 1. NPTEL -AICTE FDP for the course Internet of Things -Jan-Apr 2019 • 2. NPTEL -AICTE FDP for the course Database Management Systems-AUG-SEP 2018 • 3. REDHAT- FDP on EMERGING TRENDS OF CLOUD COMPUTING AND INDUSTRY ADAPTATION held from 16.7.2019 to 17.7.2019 • 4. AICTE sponsored 2 weeks FDP on DATA SCIENCE AND EXPLORATORY DATA ANALYSIS WITH R AND PYTHON from 7.6.2019 to 20.6.2019 at Sri Sairam Engineering College • 5. Participated in TRAIN THE TRAINER PROGRAM ON SSC/Q0923QP-SECURITY INFRASTRUCTURE SPECIALIST IN ASSOCIATION WITH NASSCOM at Sri Sairam Engineering College from 29.10.18 to 3.11.2018 • 6. Participated in 2 days FDP on Introduction to Internet of Things conducted by ICT Academy on 24.1.2018 and 25.1.2018 held at Sri Sairam Institute of Technology • 7. TEQIP phase-II sponsored STTP in "Recent Trends in Optimization Techniques and Applications" during 4.1.16 to 9.1.16 at Pondicherry Engineering College. • 8. National Level FDP on TEACHING EXCELLENCE IN • ENGINEERING AND MANAGEMENT CURRICULUM held on 20.6.16 &21.6.16 • 9. Attended a 2 days FDP on "Introduction to PHP and MYSQL" conducted by ICT Academy during 18/6/15 and 19/6/15 at Sri Sairam Institute of Technology

Orga nized	**Workshop/ Conferences/FDP**	• Attended faculty Enablement Program on "A step to outcome based Accreditation" at Sri Sairam Institute of Technology on 4th April 2015
		Organized first International Conference on Computing and Information Technology (ICCIT'15) during August 13th & 14th 2015 2. Organized - symposium SINTACS 2015- on 27thJuly 2015. Organized International Seminar, Guest Lecture Organized National Conference(NICE 19)
Professional Membership		ISTE(LIFE MEMBER),IAENG, IRED, NDL, SMSIESRP (LIFE MEMBER),CSI(LIFE MEMBER),IEEE IEEE consumer Technology Society Member
No. of papers published in National Journals / Conferences		1. Developing A Technology Based Solutions For Senior Citizens, Kids For Health And Safety Aangan Aashray Web Application lkogretim Online - Elementary Education Online, 2020; Vol 19 (Issue 4): pp.6630-6637 http://ilkogretim-online.org doi: 10.17051/ilkonline.2020.04.765067 2. Quality Assessment Of Rice Using Open Cv, Elementary Education Online Current Issue : 2022, Vol: 21, Issue: 3, lkogretim Online - Elementary Education Online, 2020; Vol 19 (Issue 4): pp.6630-6637 http://ilkogretim-online.org 3. "Integration of Deep Learning and Graph Theory for Analyzing Chest X-Ray Lung Images" has been completed. I am pleased to inform you that your paper has been accepted by the conference program committee (CPC) for the second International Conference on Advances in

Computational Science and Engineering (ICACSE 2021). Accepted paper published in IOP Science: Journal of Physics: Conference Series (A conference proceedings journal) which will be indexed in Web of science, Scopus. Authors: Pachhaiammal Alias Priya M, Manivannan D, Senkamalavalli R, Nalini M

4.   A Fugitive Energy Conservation Data Mining Solution in a Big Data Sense" has been completed. I am pleased to inform you that your paper has been accepted by the conference program committee (CPC) for the second International Conference on Advances in Computational Science and Engineering (ICACSE 2021). Accepted paper will be published in IOP Science: Journal of Physics: Conference Series (A conference proceedings journal) which will be indexed in Web of science, Scopus. M. Nalini, R. Senkamalavalli, Pachhaiammal Alias Priya, Manivannan D

5.   "Data Mining of Genetic Information Based On Vaguely Organised Themes" has been completed. I am pleased to inform you that your paper has been accepted by the conference program committee (CPC) for the second International Conference on Advances in Computational Science and Engineering (ICACSE 2021) Authors: Manivannan D, Pachhaiammal Alias Priya, M.Nalini, R.Senkamalavalli

6.   "Efficient Visualisation and Developments in Big Data Research and Mining Criminal Intelligence Analysis" has been completed. I am pleased to inform you that your paper has been accepted by the conference program committee (CPC) for the second International Conference on Advances in Computational Science and Engineering (ICACSE 2021). Accepted paper will be published in IOP

	Science: Journal of Physics: Conference Series (A conference proceedings journal) which will be indexed in Web of science, Scopus.
	Authors: R. Senkamalavalli, M. Nalini, Manivannan D, Pachhaiammal Alias Priya
	7.　"A Fusion Approach Aimed At Forecasting Of Stock Price Exchange Using Supervised Machine Learning Algorithm" in European Journal of Molecular & Clinical Medicine (EJMCM) 7 (11), ISSN 2515-8260-2020
	8.　"Analysis of Performance Metrics with Mesenchymal Stem Cell Classification and Optimization Algorithms" in International Journal of Pure and Applied Mathematics-2018
	9.　"Automatic Toll Payment With Vocatus Detection Using Li-Fi", International Journal Of Creative Research Thoughts - IJCRT (IJCRT.ORG)-2017
	10.　"Smart Navigation To Assist Blind People For Object Detection" in International Journal Of Creative Research Thoughts - IJCRT (IJCRT.ORG)-2017
	11.　"ANALYSING STEM CELLS USING TRANSFORMED STEM CELL ALGORITHM" in International Journal of Applied Engineering Research. with ISSN 0973-4562 Vol. 10 No.75 (2015)
	12.　"WEB CONTENT MINING BASED RELEVANT TEXT DATAEXTRACTION" in International Journal of Applied Engineering Research (Anna University-Annexure-II) on 13.08.2015 with ISSN 0973-4562 Vol. 10 No.75 (2015)

No. of papers published in International Journals / Conferences	13. Presented a Paper " **Cost Effective Integration and Deployment of Enterprise Application using Azure Cloud DEVOPS**" in **2022 International Conference on Computer Communication and Informatics** at Sri Sakthi Institute of Engineering and Technology, Coimbatore An efficient FMRI classification technique in cloud using multiple parallel feature selection algorithm" in Springer Cluster Computing-1st feb 2018 14. " A Wrapper Based Feature Extraction, Framework Based on Alex Deep Convolutional Neural Network Parameters Optimized Using Gradient-Based Optimizer for Mammogram Images, Concurrency and Computation Practice and Experience, April 2022 (Wiley). 15. Custom written sentiment analysis supported Twitter data. AIP Conference Proceedings. 5/26/2022, Vol. 2464/2506 Issue 1, p1-7. 7p. 16. An Efficient Feature Selection for Intrusion Detection System Using B-HKNN and C2 Search Based Learning Model, Neural Processing Letters,SPRINGER 17. "Predicting the Customer Behavior Through Web Page and Content Mining Techniques" 2018 International Conference on Communication, Computing and Internet of Things (IC3IoT)-IEEE 18. " Analysis of Performance Metrics with Mesenchymal Stem Cell Classification and Optimization Algorithms", 2018 International Conference on Communication, Computing and Internet of Things (IC3IoT)-IEEE

	19. "Analysis methods and mining of brain functional connectivity for detection of brain disorders" in the International Journal of Applied Engineering Research (Anna University-Annexure-II) on 13.08.2015 with ISSN 0973- 4562 Vol. 10 No.75 (2015)
	20. Exploring The Interactions And Connectivity Among The Brain Regions For Identification Of Brain Disorders with ISSN 1819-6608,VOL.10, NO.13, JULY 2015 in ARPN Journal of Engineering and Applied Sciences
	21. "Data Hiding in Multiple Frames Using Base64 Encoding "with ISSN: 1991-8178 in the Australian Journal of Basic and Applied Sciences (Anna University-Annexure-II)
No. of Books published	0
No.of UG Students Guided	20
No.of PG Students Guided	-
No.of PhD's Guided	0
Research Funded Projects	NIL
Patents	PUBLISHED: 2
Technology Transfer	○ Visited Petronas Universiti Malaysia for Student Attached Internship-Dec 2019 ○ Delivered a Special Lecture to the participants of Anna University Approved Faculty Development Programme on CS6501-INTERNET PROGRAMMING organised and conducted by the Department OF CSE,LOYOLA-ICAM College of Engineering and Technology on 7.6.2016

	○ University Question Paper setter for VELS University, IFET COLLEGE OF ENGINEERING and SRM Valliammai for the university exam ○ Session chair for National Conference –ECE-SIT ○ Acted as examiner and evaluator for exam duty ,Paper Valuation ○ Attending FDP and Certification courses (NPTEL) related to the handling Subject for better and confident delivery of lectures. ○ ASSOCIATE EDITOR -BOOK-RENEWABLE ENERGY WITH IOT AND BIOMEDICAL APPLICATIONS
Achievements	○ Reviewer in Inderscience Journal ○ ASSOCIATE EDITOR -BOOK-RENEWABLE ENERGY WITH IOT AND BIOMEDICAL APPLICATIONS ○ Completed NITTTR Module 1 , 3,5,6 ○ Completed Microsoft Azure Fundamentals on 24.02.2022 ○ Acted as Mentor for Smart India Hackathon 2022 ○ Selected as Evaluator for Smart India Hackathon 2022 ○ Acted as Judge-Toycathon'21 ○ Received ATL most consistent mentor ○ Received an awards for MAXIMUM AUTHORS CONTRIBUTING FOR ABOOK ON COVID 19 AND ITS IMPACT ○ Received an award of recognition and a gold coin for 95 % result in the subject software testing I handled. ○ Received a cash price of Rs.1000 for 100% result in Web technology and Embedded Systems.

	○ Received award for 100% result ○ NPTEL -AICTE FDP for the course Internet of Things -Jan-Apr 2019.Completed the course Internet of Things with Elite- Jan-Apr 2019 ○ SIGNED MOU WITH IIT MADRAS – VAAYUSASTRA AND OBJECT AUTOMATION SYSTEMS
email ID	hodcce@sairamit.edu.in
Father Name	MANUSWAMY N PILLAI(LATE)
Mother Name	M.KOKILA
HUSBAND NAME	S ANAND
Phone Number	9171794972
Communication Address	NO 322 METRO GRAND CITY METHA NAGAR KUNDRATHUR
Permanent Address	NO 322 METRO GRAND CITY METHA NAGAR KUNDRATHUR